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***Material Management  
ILS-S, STANDARD BASE SUPPLY  
SYSTEM REFERENCE***

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This handbook facilitates implementation of AFI 23-101, *Air Force Materiel Management and AFMAN 23-122, Materiel Management Procedures*. It specifies the functional and technical processes applicable to computer operations within the SBSS in support of AFI 23-101 and AFMAN 23-122. This guidance applies to all personnel (military, civilian, and contractors) working for the United States Air Force (USAF) including major commands (MAJCOMs), direct reporting units (DRU), field operating agencies (FOA) and other individuals or organizations as required by binding agreement or obligation with the Department of the Air Force (DAF). This publication applies to Air Force Reserve Command (AFRC) and Air National Guard (ANG) Units.

This handbook should be used in conjunction with AFI 23-101 and AFMAN 23-122 in the execution of materiel management operations. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional's chain of command. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 33-363, Management of Records, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located in the Air Force Records Information Management System (AFRIMS) <https://www.my.af.mil/afrims/afrims/afrims/rims.cfm>. In accordance with the Paperwork Reduction Act and DoD policy, ensure that reports of information collections that are collected and/or are compiled and transmitted from the general public are cleared and licensed by the Office of Management and Budget prior to collection. Information that is collected from other

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### ***SUMMARY OF CHANGES***

2.18.2.1.1. Transaction Processing. Transaction Groups are created and maintained by the AFMC Information Technology Activity based on input from AFMC Information Technology Activity and MAJCOM staffs. HAF/A4LM is the final approval authority. HAF/A4LM will gather feedback from the MAJCOMs and make the approval decision. Final approval will be sent from HAF/A4LM to the AFMC Information Technology Activity for action. The AFMC Information Technology Activity will send a RAPCOM to the field to notify all users of the changes once the update is made in ILS-S. The AFMC Information Technology Activity Program Manager or designated representative will conduct a review of the transaction groups each April. The results of this review will be documented by memorandum to document the review was conducted, the HAF/A4LM approval/disapproval and detail any changes made to the ILS-S. The AFMC Information Technology Activity Program Manager or designated representative will ensure the results are kept under configuration management for seven years. Due to the limited number of Transaction Groups available in ES-S, some Transaction Groups may provide more transaction capability than required for an individual user. For example, a user may require access to ISU and DOC but these transactions may be bundled with DIT in a particular Transaction Group (because the majority of user's require these transactions together). Any user assigned this group would also receive the ability to process DIT (against all DoDAACs the user has the Transaction Group assigned to). If a specific ES-S Transaction Group is not available to match the individual's needs then administrators will either assign a lesser Transaction Group (restricting use) or a more comprehensive Transaction Group and direct the individual not to process the type of transaction in question (for example, the DIT in the example above). If the individual abuses the privileges then the authorization or transaction group will be removed. Users are responsible for any transactions and rejects they create using ES-S. ES-S includes an Audit Trail Component (ATC that records all transactions initiated through ES-S and links the transactions to a specific Portal ID. The ATC can be used to determine the source of SBSS transactions/rejects initiated through ES-S. Further information on ES-S transaction processing can be found in the ES-S Users' Manual.

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<b>Attachment 1—</b>	<b>GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION</b>	<b>1701</b>
<b>Attachment 2—</b>	<b>UPDATED TERMS FOR AF SUPPLY CHAIN SUPPORT</b>	<b>1702</b>

## Chapter 1

### GENERAL AND ADMINISTRATIVE

**1.1. Purpose and Scope.** *Standard Base Supply System Reference* gives reference guidance to be used in conjunction with the 33-series instructions. This part specifies the functional and technical processes applicable to computer operations within the SBSS. This publication may be supplemented at the MAJCOM level or higher, but all Supplements must be routed to the OPR of this publication for coordination prior to certification and approval. **Note:** In some cases because of system protocols, terminology has not been updated within this part of AFH 23-123, Vol 2. For example, while the term Defense Logistics Agency Distribution Service (DLADS) has replaced the term Defense Reutilization & Marketing Office (DRMO), the older term is still used for operational reference when showing system output. The term has intentionally not been updated because system users will encounter the older terminology in their interaction with SBSS.

**1.2. Relationship to Other Publications.** The provisions of this part will be used in conjunction with applicable procedures in other official publications, for materiel management data processing system management. In cases where conflicting policy or procedures exists, identify these issues to AF/A4LM for resolution.

**1.3. Objective.** The objective of this part is to provide, through systematic management procedures:

1.3.1. Effective, standard, and controlled automated data processing (ADP) support for Logistics Readiness Squadron (LRS) / Materiel Management Activity operations.

1.3.2. Standard data processing system fundamentals, work processes, and methodology, for the training, development, and maintenance of functional ADP LRS / materiel management activity personnel.

1.3.3. Accurate and timely SBSS ADS prepared management and operational products for LRS / Materiel Management Activities.

**1.4. Reference Information.** Users are encouraged to refer to [Attachment 1](#) and [Attachment 2](#) for reference information as well as identification of legacy AF supply chain functions with updated terminology.

1.4.1. The Integrated Logistics System-Supply (ILS-S) system is the overarching term used to describe the system(s) used by base retail materiel management operations. The ILS-S is comprised of the SBSS, Enterprise Solution – Supply (ES-S), and the Air Force Supply Centralized Database (AFSCDB). In many cases the term ILS-S is used to identify system related functions/references. Where applicable, in some instances, specific identification of SBSS or ES-S is used for more detailed identification.

## Chapter 2

### AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY PROCESSES

#### *Section 2A—Standard Supply Programs and Documentation*

**2.1. Overview.** This section provides general and specific procedures for distribution and processing of programs and documentation. All programs are provided on magnetic tape by AFMC SCM-R Information Technology Activity. Specific processes applicable to special purpose and utility programs/runstreams are contained in AFH 23-123, Vol 2, Pt 2, Ch 6. Specific processes for report programs are contained in AFH 23-123, Vol 2, Pt 2, Ch 5 & 6. **Notes:** 1. Even though Standard Procurement System (SPS) has taken over Base Contracted Automated System (BCAS) functions, the BCAS flag fields and coding terms will remain the same. 2. The term Defense Business Operations Fund (DBOF) is now the Defense Working Capital Fund (DWCF). However, in this chapter wherever DBOF is used in a systems output, the older term is used to reflect the actual output. The term will be updated upon system programmatic updates.

#### **2.2. Types of Programs.**

2.2.1. Systems Support. Programs which establish and provide the operating environment for the SBSS/ADS are designated as systems support. These programs preposition the required constant/variable data in memory initialization; provide input/output capability via drivers for peripherals and communications subsystem; contain common subroutines such as DMSCALC (a system-provided randomizing algorithm), locate detail, decimal to binary/binary to decimal conversion; and allow for the orderly restore of records updated by transactions subsequently rejected.

2.2.2. Application. Programs loaded to the program bank except system support and utility are designated as application. Application programs are called into memory to process specific inputs, produce reports, or other off-line products. Application programs perform input edits, make processing decisions, produce the memory buildup to change records, create transaction histories, output document and images. Interface with system support routines is accomplished to perform the input/output functions and access common subroutines.

2.2.3. Utility. Self-contained programs, working independently of the system support, are designated as utility. Utility programs are documented in **Ch 16**. The program numbers NGV001 through NGV099 correspond to the paragraph containing the operating instructions. Most utility programs are self-adjusting and function as directed by the parameters provided.

#### **2.3. Distribution of Programs and Documentation.**

2.3.1. AFMC SCM-R Information Technology Activity Release Tapes. Program release tapes are mailed directly to each Defense Mega Center (DMC) computer site from AFMC SCM-R Information Technology Activity Release Control. If the release is small, less than 4000 tracks, AFMC SCM-R Information Technology Activity electronically sends the release to the DMC sites. Each release is numbered chronologically. Should a release be received with a date prior to the most recent release, notify the AFMC SCM-R Information Technology Activity Field Assistance Branch (FAB) immediately.

2.3.2. Receipt of Release. Upon receipt of the program release from AFMC SCM-R Information Technology Activity, the SBSS monitor at the DECC will copy the new software

and produce a listing of the program changes affecting the SBSS which includes rationale and DIREP information. The SBSS monitor will forward the listing and all special instructions to the RPS operator, who will in turn provide a copy to AFMC SCM-R Quality Assurance Activity, Defense Finance and Accounting Service, and satellite accounts, if applicable." Computer Operations will review the AF Form 636, *Systems Change Release Document*, rationale record for any special instructions that apply to the AFMC SCM-R Information Technology Activity. The release contains a brief resume of the program changes and advance documentation when required. Advance documentation serves as interim procedures and is effective until procedures can be published. In conjunction with AFMC SCM-R Quality Assurance Activity (host and satellites), the supply systems monitor will review the rationale portion of the AF Form 636 for software changes to determine the impact to the SBSS. AFMC SCM-R Quality Assurance Activity with the input from the Functional Systems Management (LGLOS) will coordinate with all affected branches and/or organizations to ensure the procedural changes and implementation instructions are thoroughly understood. This may be accomplished by a formal meeting or a written summary. The supply systems monitor will coordinate with AFMC SCM-R Quality Assurance Activity and the DMC/SBSS monitor to determine the date the programs will be loaded on the DMC. It is the responsibility of the AFMC SCM-R Information Technology Activity supervisor to ensure all special instructions have been completed successfully before allowing any users to access the SBSS. Computer Operations must coordinate with the appropriate management office of each affected account on the changes received to ensure a compatible and correct operation. The LGLO, or other appropriate management office of each automated account, is responsible for timely distribution of advance documentation and instructions to affected sections of the account for proper implementation. A release number is assigned to each group of DMC SBSS Automated Data System (ADS) programs released to provide proper documentation control and for reference use between bases and AFMC SCM-R Information Technology Activity. Release numbers are constructed and assigned as follows. All releases will be loaded under strict timeframes. The following illustrates the timeframes to load the applicable releases:

**Table 2.1. Release Timeframes.**

RELEASE	LOADED WITHIN
LOAD UPON RECEIPT	72 hours of receipt
EMERGENCY RELEASE	24 hours of receipt
OPR EFFECTIVE	After completion of end of month

2.3.3. Air Force-Wide Releases. Air Force-wide operational programs are used at all bases and are modified/enhanced by release software. The releases can be either routine or special and are identified by assigning an alphanumeric designation to each release (e.g., R970701). The seven-digit number is assigned as follows: (a) R/S indicates the type of release as either routine (R) or special (S), (b) YYMM indicates the two-digit year and the two-digit month, and (c) SN indicates the sequence number. (**Note:** All block releases start with sequence number 01.)

2.3.3.1. Special Releases: Emergency releases are generated as required and released through AFMC SCM-R Information Technology Activity with a higher priority. Quality

Test & Evaluation Phase II (QT&E II) releases are made as required and are sent to specific bases for testing purposes. QT&E II release numbers begin with a T.

#### 2.3.3.2. Documentation Releases:

#### 2.3.4. Computer Operations Actions for Air Force-Wide Releases.

2.3.4.1. All AFMC SCM-R Information Technology Activity/main site operators will read and electronically sign each release.

2.3.4.1.1. Step 2 - Immediately after loading a program release, the AFMC SCM-R

2.3.4.2. Information Technology Activity operator will print a current listing of the program bank. Process the Program Bank Index (PBI) by entering the following command:

2.3.4.2.1. @START 0GV00000\*DBWORK.PBI

2.3.4.3. This PBI listing will be stored electronically. The following runstreams must be executed every time a new program release provided by AFMC SCM-R Information Technology Activity for the SBSS is uploaded. Each of these runs must be processed by Gang 1 of each unique access location number (ALN).

2.3.4.3.1. @START 0GV00000\*DBWORK.CREATE/GVEXECUT001                      Note  
1

2.3.4.3.2. @START 0GV0<ALN>\*DBRUN\$.CREATE/ALN-EXEC                      Note  
2 **Notes:** 1. This run saves all Exempt files for all ALN accounts. 2. This run saves ALN unique user files.

2.3.5. AF Form 636. This listing will contain the AF Form 636 and the applicable rationale list pertaining to the specific release and will be used to control the application of ADS programs in the SBSS operation. This file will be organized and maintained as follows:

2.3.5.1. AF Form 636 program release listing and applicable rationale list for released software are maintained in release number sequence.

2.3.5.2. Current block release (designated by an R in the first position of the release number) and two previous block releases to include all special (designated by an S in the first position of the release number) releases. To further clarify: (a) current block release and all special releases following it; (b) first previous block release and all special releases following it; and (c) second previous block release and all special releases following it.

2.3.5.2.1. For baseline releases, the AF Form 636 and rationale listings will be held until a new baseline is received. Baseline releases will be identified in the documentation accompanying the release.

2.3.6. Computer Operations Actions. Computer Operations should ensure the following steps are completed each time a program release tape is received/loaded:

2.3.6.1. Step 1 - Arrange a meeting with the DMC/SBSS monitor, discuss any special instructions included on the AF Form 636, and develop a plan of action. Agree upon the time and date to load the release.

2.3.6.2. Step 2 - Have knowledgeable personnel on duty during the load of the release to correct/resolve problems if they should arise.

2.3.6.3. Step 3 - Ensure all gangs are in the proper posture to load software. Also, ensure all gangs have been properly dumped. When all databases are in proper posture, the AFMC SCM-R Information Technology Activity operator should notify the DMC operator to down the ADS through security and to load the new software.

2.3.6.4. Step 4 - Resume normal processing when these steps have been completed.

**2.4. Phrase Records.** The term Phrase Records applies to reject notice, transaction, cargo, and exception phrase records.

2.4.1. Reject/management phrase load file 0GV00000\*REJNOT. is required to establish the reject notice record which provides a plain language phrase that identifies specific errors in an input. Each base will be furnished a complete file at the time of conversion and any changes, additions, or deletions will be furnished by AFMC SCM-R Information Technology Activity as required. These phrases will not be changed at base level. Para. 2.130 contains the input format, and AFH 23-123, Vol 2, Pt 2, Ch 8, lists current phrases used in the SBSS. A hash total is computed on all reject phrase load inputs. This is done to ensure the action and supplemental data location flags are correct. The flags control internal program decisions that could affect the validity of the account.

2.4.2. Type transaction phrase load file contain phrases which print out to further identify specific transactions appearing on document and transaction registers. The Type Transaction Phrases and Codes (TTPC) are loaded to the database record area (DBRA) by processing TPH load inputs (see [Para 2.130](#) for input format). A current listing of type transaction codes and abbreviated phrases are shown in AFH 23-123, Vol 1, Ch 2. AFMC SCM-R Information Technology Activity will prepare load inputs to update database records as applicable, using the above referenced areas for format and current phrase data. If it is necessary to delete a phrase, an input is processed as a load with the phrase not used. Type cargo and exception phrase records are loaded as outlined in AFH 23-123, Vol 2, Pt 2, Ch 8. Phrase load inputs must be processed through the AFMC SCM-R Information Technology Activity pseudo reader before any users can access the SBSS database. The only outputs furnished are reject notices in the event of error conditions. If an error condition occurs, a printout of the appropriate database record area should be made and compared against the current listing of phrases in AFH 23-123, Vol 2, Pt 2. An input load image should be processed to correct any erroneous phrase in the DBRA. When multiple errors are detected, or the DBRA appears garbled, a prep of the area and a reload of the entire phrase file should be accomplished. Each new program release received should be closely reviewed to ensure all loads/changes/deletes of affected phrases are made in conjunction with new program loads.

## **2.5. Reporting Program Problems.**

2.5.1. Sometimes questions or errors arise that just cannot be resolved at base or MAJCOM level. These questions and errors should be directed to the AFMC SCM-R Information Technology Activity Helpdesk at Maxwell AFB, Gunter Annex AL, DSN: 596-5771, or commercial: 334-416-5771. Direct contact with analysts/programmers is not authorized. Before calling the AFMC SCM-R Information Technology Activity Helpdesk, SBSS users must, at a minimum, first complete the checklist outlined in [Para 2.134](#) for reports and system problems. The FAB is staffed by individuals who are willing to assist you. However, it is extremely difficult to give assistance when the basic problem has not been defined and the background of the events that led to the problem is not documented. The AFMC SCM-R



Information Technology Activity Helpdesk is there to help you, but SBSS users should limit their calls to the serious situations that CANNOT be resolved at base level or with the assistance of the major command (MAJCOM). Each AFMC SCM-R Information Technology Activity supervisor must be contacted prior to any recoveries of the SBSS database that is performed.

2.5.2. Once contact has been established with the AFMC SCM-R Information Technology Activity Helpdesk, request a control number. Control numbers are a means of identifying your call for future reference. More than one call on the same problem will have the same control number. Therefore, if you are making an additional call on the same problem, provide the control number previously issued to the AFMC SCM-R Information Technology Activity Helpdesk controller working the call. In most instances, the controller who is working the call will ask for keyins to be made to give the controller a more descriptive analysis of the problem. For this reason, depending on the circumstances, have a demand terminal available in the event analytical inquiries are requested. During the course of resolving the problem the AFMC SCM-R Information Technology Activity Helpdesk controller may determine that a program discrepancy exists. Operational Field Test (OFT) bases use procedures in **Sec. 2F** for the submission of DIREPs. Satellite supply accounts should report all program problems to the host accounts for resolution. However, if the host accounts are unable to help resolve the problems, satellite supply accounts are authorized to call the AFMC SCM-R Information Technology Activity Helpdesk directly to resolve program discrepancies. The satellite should request assistance from the host account for system problems.

**2.6. Satellite System Problem Reporting.** The DMC support base is responsible for analyzing, collecting, and reporting satellite system problems as follows:

2.6.1. Anytime the satellite system is online with the DMC.

2.6.2. Twilight. When receiving or transmitting data to satellites.

2.6.3. Reports. When receiving or transmitting data to satellites.

2.6.4. The problems experienced are not directly related to any known hardware or operator faults. To preclude meaningless reporting, the following steps should be taken to verify:

2.6.4.1. Applicable operation modes of the DMC are established.

2.6.4.2. Communication link between the DMC and applicable AFMC SCM-R Information Technology Activity is established.

2.6.4.3. The satellite operator is responsible for initiating the problem definition process. The supporting AFMC SCM-R Information Technology Activity is the initial point of contact for a satellite equipped supply satellite. The remote station device (RSD) operator can verify system status; that is, online, down, batch, etc.

**2.7. Reporting Documentation Errors.** Editorial errors, minor procedural or technical inconsistencies, or requests for clarification which do not require immediate resolution will be reported to AFMC SCM-R Information Technology Activity by email, fax or in writing. DIREPs will not be submitted for these minor changes. AFMC SCM-R Information Technology Activity will coordinate with the OPR for the reference publication to accomplish the required change, if appropriate. Normal lead time from initiation of a documentation change to its publication is a

minimum of 90 days. Documentation errors which require immediate resolution may be called in to the AFMC SCM-R Information Technology Activity Helpdesk.

### ***Section 2B—AFMC SCM-R Information Technology Activity Operating Guidelines.***

**2.8. Overview.** The following documentation is used to provide the information and procedures necessary to manage and operate the AFMC SCM-R Information Technology Activity. Although used as a guideline, these procedures should be followed as closely as possible.

**2.9. AFMC SCM-R Information Technology Activity.** Detailed information on the AFMC SCM-R Information Technology Activity components and operating instructions for individual components can be obtained from this manual. Input will be processed and the AFMC SCM-R Information Technology Activity operated according to the instructions contained in this manual.

**2.10. System Maintenance.** There are two categories of maintenance in this system.

2.10.1. Automated Data Processing Equipment (ADPE) maintenance covers all terminal functions, and all peripheral devices. Maintenance of the ADPE will be as specified in the current USAF contract and/or by Air Force military personnel specifically trained to perform maintenance. Operators and other personnel will not attempt to perform maintenance on this ADPE, except for the operator maintenance specifically defined in the operator's manuals.

2.10.2. Site environment maintenance includes air conditioning, electrical power input to the point where the ADPE will be plugged in, etc. This type of maintenance will be the responsibility of the Base Civil Engineer. The LRS Commander/Accountable Officer (LRS CC/AO) and AFMC SCM-R Information Technology Activity, will advise their Base Civil Engineer of the impact that site environment has on the ADPE operation and materiel management response.

### **2.11. DELETED**

**2.12. Control of AFMC SCM-R Information Technology Activity Facility Environment.** AFI 33-112, *Information Technology Hardware Asset Management*, outlines maintenance care requirements. These guidelines are specifically for computer hardware; however, they should be reviewed and normal cleanliness and safety practices applied to AFMC SCM-R Information Technology Activity /satellite facilities. The AFMC SCM-R Information Technology Activity /satellite can operate in an office environment.

**2.13. Access and Restrictions in AFMC SCM-R Information Technology Activity /Satellite Facility.** There will be no smoking, eating, or drinking in the immediate vicinity or while operating the AFMC SCM-R Information Technology Activity or SATELLITE hardware. If the facility is used for office space for Computer Operations personnel, precaution should be exercised to ensure the office facility uses temporary partitions or is far enough away from the hardware to preclude any damage to the hardware or hinder operations. The facility should have limited access, which includes operations and supervisory personnel, personnel authorized by the LRS CC/AO or personnel accompanied by an authorized person. When the AFMC SCM-R Information Technology Activity /SATELLITE is unattended, sign off will be accomplished and the facility secured.

**2.14. Terminal Response Time.** If poor terminal response time is suspected, the AFMC SCM-R Information Technology Activity must investigate the following and take corrective action as necessary:

2.14.1. Retransmits need to cease. It takes a conscious effort to depress keyboard unlock and transmit. This builds more transactions queued for processing, creating duplicate transactions, and ultimately causing slower response time. The only reason to depress the transmit key a second time is if the keyboard is not locked, which means it did not take the first time.

2.14.2. Query Language Program (QLP), Supply Users Generator (SURGE), reports processing, processing of Hand-Held Terminals (HHTs) and processing of NGV278 (CTH INQ) during prime time (0700-1800) should be held to an absolute minimum. These requirements should be processed during non-prime time (1800-0700).

2.14.3. Review on a daily basis, current SBSS scheduling techniques to ensure only the minimum is being processed on the primary database. This will enable releveing, follow up, and file status to be accomplished prior to prime on-line time.

2.14.4. Review the catalog statements in OGV0<ALN>\*DBRUN\$. and ensure that disk assignments are being utilized. Ensure that gang one, gang one's transaction history, and gang five have different disk assignments. Also ensure that there are no Integrated Maintenance Data System (IMDS) files on these drives.

### ***Section 2C—Standard Supply System (SBSS) Terminal Security System.***

**2.15. Overview.** This section explains the security measures, controls, and responsibilities to minimize the risks and vulnerabilities associated with fraud, theft, and sabotage of the SBSS. The software controls described in this section along with other security controls already in force provide a means for individual TIP transaction accountability and for controlling who can input and process online. The examples in this section uses X to represent primary gang number unless otherwise stated.

**2.16. Responsibilities.** Terminal security is an important function for the security of the system. The primary and alternate Information Assurance Officer is appointed by the LGL and approved by the host and satellite Operations Officer. These individuals at host sites will come from the AFMC SCM-R Information Technology Activity. Each Information Assurance Officer is responsible for the daily operation and maintenance of the terminal security system; that is, processing 1SZ inputs in online mode. The host Information Assurance Officers for the primary gangs (1-4) are responsible for all other actions associated with the terminal security system. The satellite Information Assurance Officer is responsible for their system designators. Close coordination with satellite Information Assurance Officers and other host Information Assurance Officers is required during initial implementation, satellite rehomeing, and recovery processing of the terminal security utility programs. Authorization to load/change user identification (User-IDs) must be approved by the LRS Logistics Manager or designated representative.

2.16.1. Security Guidelines for workstations and network LRS/Materiel Management Activities.

2.16.1.1. Workstations are considered to be any personal computer (stand alone, networked, or client/server), or dumb terminal used by any government employee or government contractor.

2.16.1.2. Workstations should never be left unattended while open to an application, or signed on to a network or the SBSS. Workstations should be signed off whenever the user leaves the work area. It is the individual's responsibility to ensure these security measures are applied.

2.16.1.3. Security measures include the safeguarding of User-IDs, passwords, interface protocol (IP) addresses, and modem telephone numbers. These should be regarded as sensitive but unclassified (SBU) information and only be provided on a need to know basis. It is highly recommended that passwords be changed on a regular basis to help reduce the security risk. Specifically, IP addresses are managed by the local Base Network Control Center (BNCC) or a designated local office and provided on a necessary basis for connection to the local area network (LAN).

2.16.1.4. Employees should consider all information entered or accessed on the computer as SBU. This includes government computers (stand alone; on a LAN; or peer-to-peer configurations). Individual users are responsible for the security of installed applications software and all data input through the workstations. Because most of these machines have electronic access to numerous database files and access to the SBSS security measures to ensure Class C2 compliance must be implemented to the best extent possible. This covers workstations locally purchased, brought in by outside agencies, or furnished by the government. It also applies to software developed by AFMC SCM-R Information Technology Activity, commercial off the shelf (COTS), locally developed, or developed and released by any government agency.

2.16.1.5. Terminal area security should be applied whenever the areas of concern are accessible by unauthorized personnel. This includes limiting direct access to the terminal, using a COTS screen saver with password protection, and using the operating system (OS) security (access through the OS CMOS BIOS setup when the PC is turned on). Use of LAN security is also an available method to support in-place security. Due to the multitude of software packages, operating systems, and COTS products it is suggested you contact your local Information Assurance Officer, LAN administrator or small computer office to implement security procedures and/or activate security software features.

2.16.1.6. Other references include the Air Force Systems Security Instruction (AFSSI) 5024, Volume I, *The Certification and Accreditation (C & A) Process*; AFSSI 5024, Volume II, *The Certifying Official's Handbook*; and AFMAN 33-229, *Controlled Access Protection*.

**2.17. Logistics Manager.** The Logistics Manager or an appointed assistant is responsible for review of part 8 of the Base Supply Surveillance Report (D20), which reflects unauthorized attempts to process controlled Transaction Identification Codes (TRICs). Any abuses reflected on the D20 must be resolved through administrative or disciplinary means.

**2.18. Authorizing Transaction Processing.** Transactions will be initiated by individuals through the Enterprise Solution - Supply (ES-S) application hosted on the AF Portal. Supervisors, the Information Owner and the Information Assurance Officer will determine the need for ES-S

transaction processing. Requests from organizations outside of LRS / materiel management activity to process transactions through ES-S must be approved and validated by the Information Owner prior to submission to the Information Assurance Officer. SBSS read-only transactions, i.e., INQ, CTH, and ISN are exempt from these controls when processed through ES-S, i.e., all ES-S users are allowed to process read-only transactions to the SBSS without any need for further restrictions/management. All other transaction processing privileges will be validated using the ILS-S Automated System Access Authorization Request (SAAR). The DD Form 2875 will be used for access to the SBSS.

2.18.1. Direct SBSS access. User-IDs and passwords for direct access to the SBSS are only provided for those functions that are not available in ES-S (to include Demand processing). Once the need for a user-ID is established, the Information Assurance Officer loads the user-IDs to the terminal security file according to [Para 2.140](#). SBSS User-IDs to support ES-S processing will be established and maintained at the request of AFMC SCM-R Information Technology Activity. User-IDs to support ES-S processing should not be deleted or modified without the approval of AFMC SCM-R Information Technology Activity.

2.18.2. Access through ES-S. Access to the SBSS through ES-S (including transaction processing privileges) will be controlled by the AF Portal's Tivoli Access Manager (TAM) and internal ES-S administration. Users are granted access to ES-S (and thus the SBSS) through the AF Portal's TAM. Most users will be assigned the AF Portal's "IL\_Supply\_ESS-User" role by an administrator in the requestor's organization or parent organization(s). All users authorized access to ES-S inherit SBSS read-only transactions (INQ, CTH, and ISN). However, all other transaction processing privileges will be controlled through the assignment of Transaction Groups and/or Capabilities by authorized ES-S administrators. Transaction Groups contain common transactions associated with specific jobs/workcenters. Capabilities authorize access to certain functions within the ES-S application. Refer to the ES-S User's Manual for more information on ES-S administration.

2.18.2.1. ES-S controls access to specific SBSS transactions through the use of Transaction Groups and Capabilities assigned to specific Department of Defense Activity Address Codes (DoDAACs). ES-S requires that authorized users be associated with specific Transaction Groups/Capabilities against specific DoDAAC(s) to enable transaction processing against the DoDAAC(s). Specific DoDAACs will be associated with ES-S users by linking an individual AF Portal ID with a DoDAAC or DoDAACs in the ES-S application. Specific Transaction Groups will then be assigned to each DoDAAC as needed. DoDAACs and Transaction Groups associated with the user are assigned by any administrator authorized administration rights to the specific DoDAAC(s)/Transaction Group(s).

2.18.2.1.1. Transaction Processing. Transaction Groups are created and maintained by the AFMC SCM-R Information Technology Activity based on input from AFMC SCM-R Information Technology Activity and MAJCOM staffs. Because of the limited number of Transaction Groups available in ES-S, some Transaction Groups may provide more transaction capability than required for an individual user. For example, a user may require access to ISU and DOC but these transactions may be bundled with DIT in a particular Transaction Group (because the majority of user's require these transactions together). Any user assigned this group would also receive the ability to

process DIT (against all DoDAACs the user has the Transaction Group assigned to). If a specific ES-S Transaction Group is not available to match the individual's needs then administrators will either assign a lesser Transaction Group (restricting use) or a more comprehensive Transaction Group and direct the individual not to process the type of transaction in question (for example, the DIT in the example above). If the individual abuses the privileges then the authorization or transaction group will be removed. Users are responsible for any transactions and rejects they create using ES-S. ES-S includes an Audit Trail Component (ATC that records all transactions initiated through ES-S and links the transactions to a specific Portal ID. The ATC can be used to determine the source of SBSS transactions/rejects initiated through ES-S.

2.18.2.1.2. Capabilities. Most Capabilities in ES-S grant access to specific privileges within the ES-S database. Granting access to any Capability allows users access to that Capability against all assigned DoDAACs. However, the GET IT and RELEASE ORDER Capabilities allow users to direct shipment (process SHP transactions) from any SBSS accounts (not just those DoDAACs specifically assigned to the user). Because of the powerful nature of these Capabilities, they will only be assigned to users with a verified need to perform these functions, e.g., MICAP, Stock Control, and AFMC Item Management personnel. User's authorized access to the GET IT and RELEASE ORDER functions retain the responsibility for clearing any rejects associated with their transaction processing. The ATC of ES-S can be used to determine specific ES-S users that generated specific SHP transactions. **Note:** The RELEASE ORDER process was designed to augment the AF's unreliable redistribution order (RDO) process that utilizes A2x/A4x transactions to redistribute AFMC assets. In lieu of A2x/A4x transactions, ES-S users with the RELEASE ORDER Capability will be allowed to process SHP transactions through ES-S to redistribute AFMC assets. Authorization to utilize the RELEASE ORDER process is controlled by administrators assigned to AFMC.

2.18.2.2. Crossing MAJCOMs. When a user requests transactional access to a DoDAAC in another MAJCOM, the AFMC Information Technology Activity or The AFMC Computer Operations Activity will be responsible for validating the needs of the requestor and granting access to the new DoDAAC. Close coordination is required between the AFMC Information Technology Activity and The AFMC Computer Operations Activity in order to provide and maintain the authorized level of access.

2.18.2.3. Tiered Administration. The SBSS uses a tiered administration construct. The administrators and lower level administrators under them report directly to DISA. The position of AIAO was created to allow administrators within the supply community to manage access to the SBSS. AIAOs gain these privileges through agreement with DISA.

**2.19. Controlled TRICs.** See AFI 23-101, Sec 7E, Integrated Logistics Supply (ILS-S). The Information Assurance Officer loads the controlled TRICs to the applicable user-ID according to [Para 2.140](#) or [Para 2.142 of this handbook](#). Controlled TRICs are listed in [Para 2.137](#). All other TRICs are uncontrolled.

**2.20. User Access Validation.** ES-S conducts an automated validation of all Air Force Supply Central Database and ES-S accounts quarterly. The user's, the user's supervisor, the Information Owner and Information Assurance Officer will promptly review each validation request and make

any adjustments necessary to comply with Air Force policy and to prevent the account from being automatically disabled on the Validation Due Date. More information on automated validations is located in the ES-S Users' Manual. The SBSS validation will be conducted quarterly using available technology to speed the review while ensuring only those users with a valid need for SBSS access continue to have accounts. These validations will be conducted by the Information Assurance Officer located at the AFMC Computer Operations Activity. The Information Assurance Officer provides the Alternate Information Assurance Officer for the host accounts and Operations Officer for all satellite accounts with a list personnel assigned to their organization, their user-Ids and TRIC authorizations or a copy of the DD Form 2875, *System Authorization Access Report (SAAR)*, for review. After review of the listing (or DD Form 2875), the Information Owner and/or satellites MSOs annotate any changes or deletions then signs the listing or DD Form 2875 and returns it to the Information Assurance Officer. The Information Assurance Officer makes the required adds, changes or deletions and maintains the listing or form until the next review. The user-ID listing is an important document allowing SBSS users access to the operating system. The Information Assurance Officer must ensure that those in "only a need to know" position have access to this file. A listing with signatures matching DD Form 2875 or a DD Form 2875 must be submitted to the AFMC Computer Operations Activity for new user-IDs between quarterly reviews. For resetting passwords, see the Controlled TRICs paragraph above. No additional list or forms will be maintained other than the Information Assurance Officers for the AFMC Information Technology Activity or each flight.

**2.21. Programs and Files.** The files and utilities programs which follow are used in the SBSS Terminal Security System:

2.21.1. Tip Common Bank (TCB) Security File. The TCB security file contains SBSS security data for all gangs. This file is updated during online mode when a 1SZ input is processed, and in the demand mode when the utility program NGVU02 is processed for each ALN. This file will contain the 0GV0<ALN>\*USERFILEx. files for all gangs. That is why gang 1 for each ALN must be the point of contact.

2.21.2. The Common Bank (NGVU02). The Common Bank is an area in memory that contains portions of the TIP security file. This area is used to validate user-IDs as they sign on the SBSS in the online mode. The area is also used to validate which controlled TRICs a user is authorized to process. This area does not use disk I/Os and will not slow down processing. NGVU02 loads the USERFILEx file (x = gang number) into the TCB file TIP\$\*<ALN>\$000231. This job is executed by processing:

2.21.2.1. @XQT 0GV00000\*GVABSUD001.NGVU02

2.21.2.2. This job will only print at the demand terminal that started the job. The output will be a return of the valid system designator (EXAMPLE: SYS 01, SYS A1, SYS A2 etc.) and will return with an START-OF-ENTRY (SOE). Upon successful return from NGVU02, the security file will have been updated according to the information read from the USERFILE.

2.21.3. Common Bank Load (NGVU03). Program NGVU03 is used to initialize the security common bank and load the TCB file TIP\$\*<ALN>\$000231. into the common bank. This job is executed by processing:

2.21.3.1. @XQT 0GV00000\*GVABSUD001.NGVU03

2.21.3.2. This job will only print at the demand terminal that started the job. The output will be a message that says: LOAD OF ALN/GANG SUCCESSFUL. Upon successful completion of NGVU03, the security file information for the user's ALN will be loaded into the Fixed Gate Shared Subsystem (FGSS) .

2.21.4. Display Utility Program (NGVU04). The utility program NGVU04 reads the TCB security file based on gang and creates a temporary sorted file called \$USER\$x (x = gang number). NGVU04 is only processed in the demand mode at the host site by the host security manager. This file is assigned the qualifier/project-ID of your current demand run. Also, you will be queried for output queue. Once NGVU04 has processed, NGVU04 will SYM a copy of your \$USER\$x file to the input queue. This listing will display the current security data (user-ID, TRICs, etc.) that is loaded to the common bank. This job is executed by processing:

2.21.4.1. @XQT 0GV00000\*GVABSUD001.NGVU04

2.21.4.2. Program NGVU04 displays the following prompts:

2.21.4.2.1. >ENTER GANG NUMBER

2.21.4.2.2. > ...(respond with the appropriate one digit)

2.21.4.2.2.1. GANG NUMBER OF 1, 2, 3, 4.

2.21.4.3. >ENTER NTR DEVICE (DEFAULT IS PR)

2.21.4.4. > ...( respond with the appropriate print )

2.21.4.4.1. DEVICE IDENTIFIER (I.E., NTR57P).

2.21.4.5. >ENTER BY USER,NAME,INIT(INITIALS),SYMB(SYMBOL BY)

2.21.4.6. > ...( respond with the appropriate sort )

2.21.4.6.1. SEQUENCE IDENTIFIER OF USER, NAME, INIT, OR SYMB.

**2.22. Special Instructions.** Upon a successful return from NGVU04, TIP FILE #231 will be retrieved, ordered into the specified sequence, compiled into a listing and SYM'D to the specified print device. Program NGVU04 will also create a \$USER\$<GANG> FILE with all the current security USER-IDs and TRICs loaded in the common bank. These latest changes from \$USER\$<GANG> must be copied into the original master file 0GV0<ALN>\*USERFILE<GANG>. to provide a backup, in case the TIP security file is ever destroyed. EXAMPLE: @COPY \$USER\$<GANG>.,0GV0<ALN>\*USERFILE<GANG>.

**Note:** The qualifier of your \$USER\$x file is dependent upon your current qualifier. You may check for your current qualifier by executing the @WHOAMI command on your demand page.

2.22.1. 0GV0<ALN>\*USERFILEx. Files. The 0GV0\*USERFILEx. files are Standard Systems Data File (SSDF) flat files based on gangs 1 through 4. They are used anytime the SBSS TIP security file needs to be recovered. These files are initially created by using Interactive Processing Facility (IPF) or any ASCII editor. They can be updated with IPF or any American Standard Code for Information Interchange (ASCII) editor, or replaced in their entirety with the \$USERSX file. The input of an online 1SZ will not update this file. Up to 2,000 user-IDs can be maintained in each 0GV0<ALN>\*USERFILEX.

**2.23. TIP Sign-On Process.** The SBSS terminal security system is initialized each time the SBSS ADS is brought up. The TIP security file is read into a common bank where it is used to validate



user-IDs, 1SZ input, and TIP inputs. When signing on, the Common Bank is checked to validate the user-ID. If the sign-on is successful, the position identifier (PID) number is attached to the user-ID, the SBSS menu screen appears and online processing begins. The user can process any of the uncontrolled TRICs, plus any controlled TRICs specified in the security mask.

**2.24. Error Messages.** The following is a description of errors displayed by the security applications:

2.24.1. STATUS = 0000000014, 0000000016, or 0000000018. Either of these errors may occur when processing NGVU03. NGVU03 loads file TIP\$\*<ALN>\$\$000231. to the common bank. If this file (#231) is not cataloged or assigned or the common bank is corrupt, one of these errors will occur. To clear error(s), correct file condition for file #231 and process NGVU03 with the ",S" option: @XQT,S 0GV00000\*GVABSUD001.NGVU03

**Note:** This will affect all TIP users on your ALN. Ensure you coordinate with all applicable SBSS users before processing.

2.24.2. STATUS = 0000000015. This error occurs when trying to sign on in tip. Process: <SOE>@XQT 0GV00000\*GVABSUD001.NGVU03 **Note:** The S option is omitted when processing job for this error. Process this program for each gang on your ALN. Any other nonstandard halt or errors will be accompanied by a console error message.

2.24.3. NO SYSTEM DES CARD SUBMITTED FOR GANG # (WHERE # IS THE GANG NUMBER) - The input file 0GV0<ALN>\*USERFILE<GANG>. did not contain a SYS image for any accounts.

2.24.4. USER-ID ALREADY IN FILE - An attempt was made to add a USER-ID which already exists in the security file.

2.24.5. BAD IMAGE PLEASE CHECK - The input image read was invalid.

2.24.6. NO MATCH ON TRIC NNN (WHERE NNN IS A TRIC NAME) - Input TRIC is not loaded as a controlled TRIC.

2.24.7. TIP I/O ERROR ##### (WHERE ##### IS THE I/O ERROR STATUS RECEIVED). The read/write of the TCB security file was unsuccessful. Processing is terminated when this error occurs.

2.24.8. MORE THAN 2000 USER-IDS - An attempt was made to add more than 2000 user-ids.

2.24.9. TRIC ALREADY EXISTS IN FILE - An attempt was made to add a TRIC which already exists in the security file.

2.24.10. TRIC NUMBER ALREADY EXISTS IN FILE - An attempt was made to add a TRIC with a number which already exists in the security file.

2.24.11. GANG CARD IS NOT THE FIRST CARD - A 'GANG' card (image) was not the first image in the input file.

2.24.12. GANG NUMBER IS INVALID - The user's project-ID did not start with a valid GANG number (1, 2, 3, or 4) or the input GANG number did not match the GANG number from the project-ID.

2.24.13. NO B CARD FOR TRIC 1SZ - The TRIC 1SZ must be loaded prior to an attempt to add a USER-ID record.

2.24.14. BAD SYS DESG CARD - The SYS card (image) is invalid or contains an invalid system designator.

2.24.15. TOO MANY SYS CARDS SUBMITTED - Too many SYS cards (images) exist in the input file. A maximum of 10 system designators (01 and A1 THRU A9) may be added to a single gang. Process @XQT 0GV00000\*GVABSUD001.NGVU03 and continue.

2.24.16. INVALID ALN NUMBER - The USER'S ALN number is invalid. The USER must not run under an ALN exempt account.

2.24.17. CALL TO SECURITY BANK WITH INVALID ALN NUMBER - The input file 0GV0<ALN>\*USERFILE<GANG>. did not contain the correct ALN qualifier. This error occurs when the USER'S ALN or account number is not numeric. The user must not be ALN exempt, or if on a NON-ALN machine, it must have a four-digit number as the first four positions which already exist in the security file.

2.24.18. BAD GANG NUMBER - Gang NUMBER MUST BE 1, 2, 3, OR 4, re-enter appropriate gang number.

2.24.19. INVALID SORT TYPE INPUT - Sort type must be USER, NAME, INIT OR SYMB, re-enter appropriate sort type.

2.24.20. THIS ALN <NNNN> AND GANG <X> NOT CONFIGURED WHERE <NNNN> EQUAL USER ALN AND <X> EQUAL USER SPECIFIED GANG NUMBER. ENSURE YOUR JOB IS STARTED WITH AN @XQT - Self-explanatory; call system coordinator.

2.24.21. SYS DESIGNATOR DATA CORRUPT - Problem with TIP file #231, call system coordinator.

2.24.22. TIP FILE 231 FOR ALN <NNNN> IS BAD - PLEASE CHECK RECORD

2.24.23. START ADDRESS = <XXXXXX> WHERE <NNNN> EQUAL USER ALN AND <XXXXXX> EQUAL THE START RECORD NUMBER OF THE FAILED TIP FILE ACCESS - Self-explanatory; call system coordinator.

2.24.24. FILE ERROR - UNABLE TO ASSIGN <USER FILE> WHERE <USER FILE> IS APPROPRIATELY QUALIFIED \$USER\$<GANG> FILE - Possible file conflict problem; call system coordinator.

2.24.25. FILE ERROR - UNABLE TO FREE/SYM <USER FILE> WHERE <USERFILE> IS APPROPRIATELY QUALIFIED \$USER\$<GANG> FILE - Possible file conflict problem, call system coordinator.

2.24.26. FILE ERROR - UNABLE TO ASSIGN <WORK FILE> WHERE <WORK FILE> IS A TEMPORARY FILE USED FOR SORTING, IDENTIFIED AS NGVU04UD900 - Possible DISC storage problem; call system coordinator.

2.24.27. FILE ERROR - UNABLE TO FREE,D <USER FILE> WHERE <USER FILE> IS APPROPRIATELY QUALIFIED \$USER\$<GANG> FILE - Possible file conflict problem; call system coordinator. **Note:** A GOOD EOJ (END-OF-JOB) IS CONSIDERED WHEN THERE ARE NO OUTPUT ERROR MESSAGES.

2.24.28. FILE ASSIGN ERROR OCCURED WHEN TRYING TO ASSIGN FILE 0GV0<ALN>\*USERFILEx. This error occurs when you process NGVU02 and the USERFILEx is not cataloged or assigned. Correct the condition with the USERFILEx and reprocess NGVU02.

2.24.29. USER-ID NOT FOUND IN SBSS SECURITY FILE. This message appears if the user-ID is not loaded in the common bank. The terminal function is marked down when this notice is produced and the user should contact the AFMC SCM-R Information Technology Activity operator to reinitialize the down function. This message does not apply to function 057. The flight chief must inform the Information Assurance Officer if this user needs to access the SBSS database so the TSM can load the user-ID. This protects the SBSS database from unauthorized sign-on online.

2.24.30. USER-ID ALREADY ACTIVE ON PID XXX PLEASE CLOSE TERMINAL. This message appears if the user attempts to sign on more than one terminal online. The user can \$\$CLOSE their original terminal and sign on the new terminal. The user can also acknowledge the message, \$\$CLOSE, and return to work on the original terminal. This message can also occur on a partial system crash, if the user was not allowed to close normally.

2.24.31. USER-ID LOADED IN SYSTEM DESIGNATOR TABLE FOR SD PLEASE LOGOFF. Users may sign on only to the terminals configured to the same system designator as their user-ID. The message above appears when a user attempts to sign on a terminal which is configured to a system designator different from the user-ID loaded for the user. When a user has a need to sign on more than one system designator on a gang (each system designator has a separate terminal attached), the user must be assigned separate user-IDs and passwords for each.

2.24.32. UNABLE TO LOAD SBSS SECURITY FILE. When the common bank does not contain the required fields of the TIP security file, this message appears. Steps 3 through 5 in [Para 2.147](#) must be processed before online processing is allowed. Once these steps are complete, resume the sign-on process.

## **2.25. Terminal Configurations.**

2.25.1. Input/Input Configuration. This is the normal configuration. However, some users require two user-IDs/passwords so they can sign on both terminal pages at the same time. This configuration provides that capability since a terminal does not allow a user more than one terminal page at one time.

2.25.2. Input/Output or Output/Input. Terminals with the two-page concept require a special user-ID/password for the output page. The 1SZI image to load the user-ID must contain OUT in positions 53-55 (TRIC code field) for the output page. This prevents any online inputs from processing on the output page. Therefore, this page can remain signed on for output under this user-ID as long as the work area is manned.

## **2.26. Processing TIP Inputs.**

2.26.1. Transaction Accountability. Once an authorized user signs on in the online mode, normal processing starts, and the user can process any uncontrolled TRICs and their authorized controlled TRICs. After successful processing of online transactions, the user's initials are stored in the applicable transaction histories.

2.26.2. 301 Rejects. A 301 reject notice occurs when a user tries to input an unauthorized controlled TRIC. When this happens, the user's initials and the time the input was attempted are automatically placed in the last eight positions of the input images. However, the user's initials are not reflected on the 301 reject notice for uncontrolled TRICs. The 301 reject notice for controlled TRICs are printed in part 8 of the Base Surveillance Report (D20). Currently, 301 reject notices are the only rejects that contain the user's initials. Some 301 rejects can appear on the D20 due to security processing (NGVU02/NGVU03). These 301 rejects do not contain user's initials because security common bank is being initialized during the security process. Enterprise Solution – Supply (ES-S) sessions also will produce 301 rejects due to their persistent connection. These ES-S 301 rejects can be identified by looking up the function number within the Base Constants Processor (NGV068A) to determine if they came from ES-S. If they came from ES-S, these 301 rejects can be disregarded because TRIC security is controlled within the ES-S application and not in SBSS.

2.26.3. Terminal Security. There are two factors which cause an uncontrolled TRIC to reject with a 301 reject notice and print part 8 of the D20 Report without initials. The first is an unauthorized sign on in TIP. Security software rejects any input from an unauthorized user with a 301 reject, and the initials are blank because the user is not in the SBSS security file. The second is the terminal security mask is in the common bank and is corrupt. The mask for terminal security in the common bank corrupts when an uncontrolled TRIC appears with a 301 reject. To check for this condition, process:

2.26.3.1. @XQT 0GV00000\*GVABSUD001.NGVU04

2.26.3.2. If a good end-of-job is received, the security mask is not corrupt. If you are unable to get a good end-of-job, the Information Assurance Officer must coordinate with the DMC operator to do the following:

2.26.3.2.1. @MSG PLZ DOWN SBSS ADS xGV

2.26.3.2.2. Review your USERFILEx to ensure user-IDs are correct.

2.26.3.2.3. @XQT 0GV00000\*GVABSUD001.NGVU02

2.26.3.2.4. @XQT 0GV00000\*GVABSUD001.NGVU03

2.26.3.2.5. @MSG PLZ UP SBSS ADS xGV

2.26.4. Processing 1SZ Inputs. The SBSS terminal security system should be updated in online mode with 1SZ inputs. These inputs are used to load, change, or delete controlled TRICs, user-IDs, and other data to the TIP Security File and Common Bank. The 1SZ will not process through pseudo. If the 1SZ processes successfully, INPUT PROCESSED is returned. If unsuccessful, one of the following notices is produced:

2.26.4.1. INVALID USERID NOT FOUND IS SBSS SECURITY FILE. This means you are trying to process against a user-ID not loaded in the security file. Correct the user-ID in the input image or load the user-ID to the system.

2.26.4.2. INVALID TRIC NOT FOUND IN SBSS SECURITY FILE. This means you are trying to process against an uncontrolled TRIC. Correct the TRIC in the input image, or load the TRIC to the system.

2.26.4.3. INVALID USERID ALREADY IN SBSS SECURITY FILE. This means you are trying to load a user-ID which has already been loaded. Discard the input.

2.26.4.4. INVALID TRIC ALREADY IN SBSS SECURITY FILE. This means you are trying to load a controlled TRIC which has already been loaded. Discard the input.

2.26.4.5. INVALID FORMAT CORRECT AND REINPUT. See [Para 2.137](#) through [Para 2.171](#) for correct format. Follow the format exactly.

2.26.4.6. TIP IO ERROR OCCURED, REPROCESS INPUT. Try again. If this does not work, the TIP security file must be re-created. Go to [Para 2.147](#) and process steps 2 through 5.

2.26.4.7. MAX NUMBER OF USER-IDS IN SBSS SECURITY FILE. This means the gang has reached the maximum number of USER-IDs that can be loaded to this gang. Process NGVU02 or delete USER-IDs that are no longer required from the USERFILEX.

2.26.4.8. BIT VALUE FOR TRIC ALREADY IN USE IN SECURITY FILE. This means you are trying to assign a TRIC FLAG to a controlled TRIC, and the flag is already in use. Use next available number.

2.26.4.9. INVALID GANG NUMBER VALIDATE AND REINPUT. This means you have the wrong gang number. The input file must contain primary gang 1, 2, 3, or 4.

**2.27. Conversion/Implementation Procedures.** Step-by-step procedures required to implement the SBSS terminal security system are contained in [Para 2.146](#) [Para 2.147](#) contains a sample for creating an 0GV0<ALN>\*USERFILEx.

**2.28. Processing NGV221 Through SBSS Security.** Program NGV221 has been modified to include SBSS security checks against images being loaded to the pseudo. Procedures are contained in **Sec. 2J**.

## ***Section 2D—LRS / Materiel Management Activity ADP Personnel Requirements***

**2.29. Overview.** This section outlines the procedures for selecting, training, and maintaining proficiency of AFMC SCM-R Information Technology Activity -II and DMC satellite operators.

### **2.30. Training.**

2.30.1. The continuing availability of trained, qualified AFMC SCM-R Information Technology Activity and DMC satellite operators depends upon the care and attention given to the training of those selected and the maintenance of proficiency. The criteria used are discussed in the paragraphs that follow:

2.30.2. Except as explained in paragraphs below, it is mandatory that airmen basics, civilian employees and retrainees selected as AFMC SCM-R Information Technology Activity operators successfully complete the formal Supply Systems Specialist Course prior to operating the standard AFMC SCM-R Information Technology Activity -II and satellite DMC terminal functions. A formal request for a quota to the training course will be submitted immediately upon selection of the individual for operator duty. On the Job Training (OJT) will begin upon assignment to Computer Operations. The training will consist of all tasks outlined in JTS 2S032, except those involving AFMC SCM-R Information Technology Activity operator duties.

2.30.3. The following training conditions apply unless restricted by the MAJCOM:

2.30.3.1. Personnel selected as AFMC SCM-R Information Technology Activity operators and scheduled to attend the Supply Systems Specialist Course may operate the AFMC SCM-R Information Technology Activity and/or satellite DMC input/output functions under carefully supervised conditions before completion of the mandatory course.

2.30.3.2. SBSS input/output functions are currently utilized for two general applications: (1) as communications equipment for satellites of the Standard Base Supply System, and (2) as terminal functions in Receiving, Demand Processing, etc., at larger bases instead of terminals. Therefore, the amount of training required for each application is different.

2.30.3.2.1. For SBSS input/output functions used to support satellites of the SBSS, operators may be trained by OJT and may possess a 2S071 AFSC. Parent commands should ensure that at least two personnel are assigned that have been provided familiarization training on this ADPE. OJT training provided to 2S071 AFSC personnel will suffice for familiarization training.

2.30.3.2.2. For SBSS input/output functions used as terminal functions within the LRS CC/AO organization, operators may be trained by OJT and may have a 2S071 AFSC. Bases must ensure that at least two 2S072 personnel are assigned in Computer Operations with specified training.

2.30.3.2.3. To ensure continuation of proficiency, participation is a minimum of 1 work week to include a complete normal end-of-month. Hands on AFMC SCM-R Information Technology Activity operation is required semiannually for personnel in the grade of E-6 (TSgt) and below, not performing the duty.

### ***Section 2E—Automated Data System (ADS) Production Control Procedures***

**2.31. Overview.** This section outlines general and minimum production control procedures required to satisfy the data processing needs of AF stock record accounts supported by the USAF Standard Base Supply System. These procedures include the ADPE utilization requirements of all functions involved in LRS / materiel management activity operations: that is, satellite and Accounting & Finance (A&F). The provisions of this section are designed to implement the MAJCOM and ADPE custodian responsibilities outlined in AFI 33-116, *Long-haul Telecommunications Management*. The Host Standard Base Supply System (DMC) scheduling directly affects the shift manning and efficient use of ADPE resources for all supported activities. Under no circumstances will the SBSS/DMC processing be disrupted, or delayed to compensate for satellite nonavailability.

**2.32. Concepts.** Usage of the SBSS ADS will be preplanned and systematically scheduled to obtain maximum online time each workday. However, database integrity programs, (Data Management Utility (DMU)-VERIFY, NDA500, IRU-DUMPS) will not be sacrificed for any reason.

2.32.1. Processing Sequence. All USAF Standard Base Supply System programs/products will normally be processed prior to running MAJCOM, local, or as required programs. Exceptions to this policy will be held to the strictest minimum and will not be allowed to

interfere with the mandatory, sequence controlled reports. Locally devised programs that duplicate data provided through standard programs or products may not be processed.

2.32.2. Duties. The LGLO (Computer Operations) will be responsible for the compilation, ADS processing, publication, and distribution of SBSS ADS schedule data.

2.32.3. Workload, shift manning, and all customer operations are directly regulated by SBSS ADS production schedules. Therefore, copies of the schedules must be furnished in advance to SBSS flight offices, satellite Materiel management officer, A&F, Fuels and all satellite accounts. The forecast and daily processing schedules should only be distributed as outlined above. Local conditions may require further distribution; that is, to section level, reducing the number of copies by joint use where possible.

2.32.4. Although the LGLO is responsible for final production of SBSS ADS schedules, each function is responsible for ensuring their data processing requirements are included in the daily processing schedules.

2.32.5. At least once each month, the LRS CC/AO should review the effectiveness of their local ADS production control. It is recommended that this review be made during a periodic How-Goes-It meeting. At this time, supported functions should brief the LRS CC/AO on the effectiveness of ADS schedules for their function, and apprise them of any major workloads anticipated for the coming month.

2.32.6. The AFMC SCM-R Information Technology Activity supervisor will assign ADS scheduling duties to an individual within Computer Operations. This individual will be known as the ADS scheduler, and will be the contact on all subjects related to ADS scheduling.

2.32.7. Under no circumstances will a single individual, or function, attempt to accomplish ADS scheduling for all LRS / materiel management activity operations. This practice is known as scratch pad scheduling, and results in uncoordinated LRS / materiel management activity operations; that is, mismanagement of available manpower and ADPE caused by communication breakdowns between Computer Operations and supported activities.

**2.33. ADS Production Control.** The high real-time processing speeds, high costs, specialized training, and concentration of human effort involved in this automated data processing system require the most demanding attention from all supervisors. The use of the USAF Standard Base Supply System will be regulated through production control methods. These methods are to be implemented to ensure end products are obtained in a timely and orderly manner, and that ADS utilization time is precisely fitted to meet the operational needs for maximum supply support.

**2.34. Forecasting.** There are three basic types of forecasting within the AFMC SCM-R Information Technology Activity operations section. They are Monthly Forecast, Daily Operations schedule, and the AFMC SCM-R Information Technology Activity Operations schedule.

2.34.1. Monthly Forecast. Once each month the ADS scheduler will prepare a forecast of all known SBSS jobs to be run the following month. This forecast will be prepared and distributed as specified by the 10th workday of the month. Each function will review the forecast with their sections to ensure that all regular and special processing jobs are listed and scheduled on the dates required. All change requests must be forwarded to the ADS scheduler by the 15th workday of the month. If the schedule is transmitted via satellites, satellite accounts may

prepare change request to the schedule in the form of images and transmit them to the DMC SBSS ADS scheduler via satellites. This will reduce delays caused by mailing. In addition to forwarding the change request to the ADS scheduler, the monthly forecast schedule received must be annotated and retained as the anticipated daily operations schedule.

2.34.2. Daily Operations Schedule. Upon return of the change request to the monthly forecast schedule, the ADS scheduler will make all necessary adjustments to the schedule. If the number of changes to the forecast warrant it, prepare the daily operations schedule and distribute it to the users. All change requests received by the ADS scheduler must be acknowledged by letter or telephone.

2.34.3. AFMC SCM-R Information Technology Activity Operations Schedule. Along with daily operational plans, the ADS operator scheduler will also produce AFMC SCM-R Information Technology Activity operator schedules. Computer Operations shift leaders will review these schedules to ensure they contain sufficient instructions for Computer Operations and that all jobs are accomplished as scheduled. The ADS scheduler and the functional users will coordinate on such matters as implementation dates, data revisions, end-of-quarter/year jobs, and any other changes affecting both functions.

## ***Section 2F—Operational System Testing***

**2.35. Overview.** This section provides procedures for bases supporting operational testing of Integrated Logistics Systems-Supply (ILS-S) software releases. This includes “legacy” maintenance releases for the SBSS, as well as releases for the Enterprise Solution – Supply (ES-S). Operational testing usually involves a limited number of supply accounts (bases) working closely together with the AFMC SCM-R Information Technology Activity, the AFMC SCM-R Information Technology Activity, A4R staff at the MAJCOMs (MAJCOM), Defense Information Systems Agency (DISA) Oklahoma City, DISA Montgomery, and occasionally, functional representatives from the Air Staff. Operational testing is the final phase of a sometimes lengthy software development test and evaluation process all ILS-S releases undergo. The objective of operational testing is to ensure release installation and configuration instructions are accurate and provide an opportunity to observe system behavior under actual operating conditions. During operational testing, the Air Force uses a variety of bases with various missions and workloads to identify and repair as many software deficiencies (also referred to as defects) as possible prior to releasing ILS-S software Air Force-wide. The importance of operational testing cannot be emphasized enough – key to the success of operational testing is a cooperative relationship with all operational test participants.

**2.36. Designation of Test Bases.** The retail supply system is complex yet robust – it supports many very different missions in many countries. The ILS-S information systems the Air Force uses to support these missions are just as complex – and robust. Therefore, no single base or retail supply site can adequately provide all of the conditions required to fully test (both functional and technical) every ILS-S supply software release. For this reason, the AFMC SCM-R Information Technology Activity ILS-S Program Manager and ILS-S Test Director, with the assistance of the MAJCOMs and AFMC SCM-R Activity identifies bases with the appropriate missions and workload needed to adequately test the various features and capabilities provided in upcoming ILS-S software releases. Concurrence of the appropriate MAJCOM and AFMC SCM-R Activity is necessary before the AFMC SCM-R Information Technology Activity Test Director will



designate a base as an operational test site. Normally, only designated operational test bases receive test releases; however, other bases may be included in operational testing as the need arises. Including bases other than those that normally participate in operational testing must be coordinated and agreed upon by all test participants.

**2.37. Designation of Test Monitors.** The AFMC SCM-R Quality Assurance Activity Test Director will contact MAJCOM and AFMC SCM-R Activity staff requesting operational test support for upcoming ILS-S releases that require operational testing. MAJCOM and AFMC SCM-R Activity staff will assign a lead test monitor for each ILS-S release. Many ILS-S releases (especially those for the SBSS) include system changes that in some way influence base-level supply-centric functions. However, many ILS-S releases (to include the SBSS) also influence other base-level organizations whose mission or workload relies heavily on a stable and smoothly functioning supply system. Therefore, operational test monitors should work closely with base-level organizations to ensure the operational testing of ILS-S releases minimizes mission degradation or operational performance. Organizations such as the Defense Finance & Accounting Service (DFAS) Field Site, Aircraft Maintenance, Vehicle Management, Civil Engineering and other organizations where appropriate should be made aware of the upcoming operational test and the anticipated system changes. In fact, all ILS-S users at the operational test site should be made aware of the upcoming system changes and how it may affect their workload. All operational testing discussions and coordination to include email traffic, conference calls and other meetings will include at a minimum: representation from AFMC SCM-R Quality Assurance Activity, AFMC SCM-R Information Technology Activity, the MAJCOM, the AFMC SCM-R Information Technology Activity and the operational test sites. All AFMC SCM-R Quality Assurance Activity communication in regards to an upcoming operational test will flow through the AFMC SCM-R Information Technology Activity and MAJCOM test monitors to ensure AFMC SCM-R Information Technology Activity and MAJCOM staff are aware of all system testing issues and potential problems. The AFMC SCM-R Information Technology Activity and/or the host LRS with satellite accounts will designate individuals at each satellite account to monitor system behavior during operational testing – these individuals should report any system performance or behavioral problems to the host LRS LGLO and to the AFMC SCM-R Information Technology Activity. The satellite account monitors will also support operational release testing for those test scenarios that require support from satellite operations. Normal duties as outlined in AFI 23-101, Sec 1C, Satellite Operations and as designated by the AFMC SCM-R Commander/LRS CC/AO/Supply Management Business Activity Chief (DFAS Field Site) apply to the designated host base monitor. Additional duties for the operational test monitors are as follows:

2.37.1. Coordinate system changes with interfacing systems such as IMDS, CMOS and DFAS Field Site.

2.37.2. Ensure all AFMC SCM-R materiel management activities and DFAS Field Site personnel are operating the same as an operational test base.

2.37.3. Review advance release documentation and ensure all affected sections and supported organizations are aware of upcoming system changes. Ensure system users at the test sites notify AFMC SCM-R Information Technology Activity and LRS LGLO personnel of any system deficiencies that arise during the test.

2.37.4. Ensure system users are aware of new operating procedures and trained if necessary.

2.37.5. Recommend operational or procedural changes as required.

**2.38. Loading Test Programs.** DISA Oklahoma City system (legacy SBSS releases) or GCSS-AF system administrators (ES-S releases) will coordinate test release loads with staff members from the AFMC SCM-R Quality Assurance Activity, AFMC SCM-R Information Technology Activity and MAJCOMs. Test releases are normally shipped by AFMC SCM-R Quality Assurance Activity by Wednesday for installation on the following weekend to reduce system unavailability (outages). Week-day (normal duty hours) release loads are kept to a minimum. Depending on the application, some releases will have a specific effective date assigned – the AFMC SCM-R Quality Assurance Activity Test Director will ensure all test participants are aware of situations such as these. LRS test monitors/liaisons should notify the AFMC SCM-R Information Technology Activity or MAJCOM staff if mission requirements or workload prevent loading the release as scheduled by AFMC SCM-R Quality Assurance Activity.

**2.39. Distribution of Release Documentation.** The AFMC SCM-R Quality Assurance Activity Test Director in conjunction with the test manager from the AFMC SCM-R Quality Assurance Activity will distribute advance test release documentation – various means are available to include email and logistics communities of practice web sites. Arrangements for test release distribution will be made by the AFMC SCM-R Quality Assurance Activity Test Director in conjunction with LRS, AFMC SCM-R Information Technology Activity and MAJCOM test participants. Test monitors must ensure advance release documentation is distributed to every ILS-S system user to ensure system users are aware of the upcoming system changes and also understand how the changes will affect their role and duties.

**2.40. Special Requirements.** At times, AFMC SCM-R Quality Assurance Activity may request system information relevant to a particular operational test – these requests include output from reports, inquiries and requests for special programs/processing. These requests will be kept to a minimum and will be submitted by telephone or email to the test monitors.

**2.41. Evaluation of Testing .** During operational testing, test bases should attempt to operate under normal conditions. However, at times it may be necessary to put a special emphasis on testing certain aspects of a release – those tests will be coordinated with AFMC SCM-R Quality Assurance Activity, the AFMC SCM-R Information Technology Activity and MAJCOMs. AFMC SCM-R staff and other key functions on base should be fully aware of the upcoming operational test and system changes. The LRS CC/AO should periodically inform other base organizations (Aircraft and Vehicle Management, Civil Engineers, etc.) that their workload and mission may be affected by a supply release undergoing operational testing. Feedback from these organizations concerning their observations of the test release is highly encouraged. The personnel who work with the ILS-S systems input/output products and use supply procedures on a daily basis are usually the first to identify a software defect. Test monitors and system users should be on the lookout for the type of errors listed below:

- 2.41.1. Invalid rejects for a particular type of input processing.
- 2.41.2. Database key/set errors.
- 2.41.3. Unexplained increase or decrease in output products.
- 2.41.4. Invalid records.
- 2.41.5. Abnormal increase/decrease in processing time.
- 2.41.6. Inconsistencies between documentation and input/output formats.

- 2.41.7. Erroneous data in output products.
- 2.41.8. Terminals not being released.
- 2.41.9. Terminals output being misdirected.
- 2.41.10. Loss of audit trail.
- 2.41.11. TIP hang-ups.

**2.42. Reporting Program/Procedural Problems.** Test bases will report all defects to the AFMC SCM-R Quality Assurance Activity. To contact the AFMC SCM-R Quality Assurance Activity Helpdesk, Team 4 call DSN 596-5771, options 1, 4, 2 or e-mail [team4@gunter.af.mil](mailto:team4@gunter.af.mil). AFMC SCM-R Information Technology Activity level two help desk personnel will help research potential problems and if necessary, create a DIREP (incident). Procedural problems should be reported by the AFMC SCM-R Information Technology Activity test monitors but feedback is highly encouraged from other work centers to include the LRS and other base-level organizations. All test base personnel should be encouraged to make comments and recommendations concerning these testing techniques. Also, operational testing conference calls are held for most operational tests and include all test participants – these calls are an excellent forum for identifying and discussing potential system problems.

### *Section 2G—Modes, Preparation, and Initialization*

**2.43. Overview.** This section describes the different modes of ADPE processing, method of scheduling, and operating instructions for the AFMC SCM-R Information Technology Activity and satellites. Anytime the system is received from the DMC from either a disk prep, JK-413, or any system maintenance it is MANDATORY for the AFMC SCM-R Information Technology Activity personnel to process NDA500 (all sets), DMU VERIFY, VERIFY CALC and to take an Integrated Recovery Utility (IRU) safety dump. Failing to do so may result in bringing users online with an unstable database.

**2.44. Modes of Processing.** The four basic modes of processing within the SBSS ADS are: Online, Twilight, Reports, and Utility.

2.44.1. Online. This mode covers all SBSS processing from the time the beginning-of-day (BOD) initialization image is processed until the END image is processed. The purpose of online processing is to post individual supply transactions, accomplish updating of internal supply and monetary records, create output documents, and store data required for later preparation of audit documents. Online processing presupposes the capability to handle input on a random basis without regard to type of document. Examples of transactions processed online are as follows: issues, receipts, turn-ins, shipments, and file maintenance. This mode also controls the collection of input requests, the distribution of output to terminal functions, and the initiation of read, output images, and print operations. The online environment is normally established with SETUP/HVTIP or existing runstreams with one copy of NGV208A for execution (single-thread).

2.44.2. Twilight. This mode includes all SBSS processing from the time the END image is processed until the first report select RPT image is processed. Its purpose is to allow processing of batch input, or special runs that create transaction histories or update the SBSS

database prior to the first report select image being processed. There is a capability to return to online processing from this mode.

2.44.3. Reports. This mode covers all processing from the time the first report select image is processed until the RPTEON (report end-of-night) image is processed. Its purpose is to provide mandatory and optional reports, and management products. Once this mode is entered, the SBSS cannot return to online or twilight processing for that transaction date.

2.44.4. Utility. This mode covers the period of time after reports processing and prior to initialization BOD for the next SBSS ADS processing day. The utility programs are activated by inserting the appropriate NGV select image into the SBSS runstream.

**2.45. Preparation.** When the AFMC SCM-R Information Technology Activity operator is ready to start processing, all SBSS ADPE to be used must be placed in a ready condition and the AFMC SCM-R Information Technology Activity must establish its session with the host DMC. For twilight, reports, and utility processing, the operating instructions for each program described in this manual, specify the functions that will be used. Prepare the AFMC SCM-R Information Technology Activity equipment as follows:

2.45.1. Ensure all power switches are ON including the modems for all terminals, if applicable.

2.45.2. Sign-on Procedures AFMC SCM-R Information Technology Activity. To establish the sessions with the DMC, the following procedures must be followed:

2.45.2.1. Sign PAGE 1 of the terminal on to the host in transaction mode as follows:

2.45.2.1.1. Depress XMIT key. The \$\$SON (terminal-ID), \$\$OPEN T (system-ID), and LOGON are internally generated for bases processing under simple sign-on procedures. The response will be: ENTER USER-ID/PASSWORD.

2.45.2.1.2. Enter user-ID/password, depress XMIT key. The response will be: The SBSS System Status Screen or the Menu Screen. \*OPEN is internally generated for bases operating under Simple Sign-on. The terminal is now ready to accept online transactions. If the response is ADS IS DOWN, contact host DMC for status of system.

2.45.2.2. Sign on to PAGE 2 as follows:

2.45.2.2.1. Depress PAGE key to gain access to PAGE 2.

2.45.2.2.2. Enter \$\$SON (terminal-ID), depress XMIT key. The response will be: ENTER SESSION ESTABLISHMENT REQUEST.

2.45.2.2.3. Enter \$\$OPEN D (system-ID), depress XMIT key. The response will be: SESSION PATH OPEN TO D (system-ID) ENTER USER-ID/PASSWORD

2.45.2.2.4. Enter user-ID/password, depress XMIT key. The system will respond with successful sign-on messages. The page number will be indicated by the number 1 or 2 in the lower left hand corner of the terminal (screen).

2.45.2.2.5. SBSS System Menu Options ( AFMC SCM-R Information Technology Activity):

2.45.2.2.5.1. \$\$CLOSE. Closes the terminal from the active TIP session.

2.45.2.2.5.2. STATUS. Shows system and terminal status.

2.45.2.2.5.3. SSW\*\*\*. This selection is reserved for the console operator to set the three SBSS sense switches. To set the sense switches, modify the three asterisks using the following criteria. The first asterisk is for sense switch 1. The second asterisk is for sense switch 2. The third asterisk is for sense switch 3. A 1 turns on applicable sense switch while 0 turns it off. To turn sense switches on for the secondary gang, place an S in position 8 of the input. An example showing how to turn on sense switch 2 for gang 5 follows: SSW010 and hit XMIT on page 1 or SSW\*1\* S and hit XMIT on page 1.

2.45.2.2.5.4. #051. To aid in data entry, a DPS Overview purpose input screen is available. To select this screen, tab to this selection and depress the XMIT key. To return to the SBSS System menu enter MENU and depress XMIT.

2.45.2.2.6. AFMC SCM-R Information Technology Activity Session Termination. Enter \$\$CLOSE and then \$\$SOFF to terminate session.

**2.46. Initialization.** The SBSS ADS must be initialized prior to processing with either the online or offline (twilight, reports, utility modes) SBSS routines. To initialize the system, accomplish the following steps:

2.46.1. Insert an INT image into the SBSS runstream. See [Para 2.155](#).

2.46.2. When initialization is completed, a 725 REJECT will be displayed on the AFMC SCM-R Information Technology Activity console.

2.46.3. To change the requisition data at the same time the transaction data is changed, place the DAY image immediately behind the INT image and it will be processed.

2.46.4. Special Instructions. System initialization images (TRIC INT) must be input as batch inputs. The END will only be input through the main AFMC SCM-R Information Technology Activity TIP terminal.

2.46.5. Any batch input can be input through the demand mode (PAGE 2); however, only one execution of NGV801A per database (gang) number can take place at one time. The PROJ-ID on the run image will be used to identify the SBSS that originated the input; for example, 1GV0 = gang 1, 2GV0 = gang 2, 3GV0 = gang 3 and 4GV0 = gang 4.

**2.47. Types of Initialization.** Four types of initialization can be accomplished. The type selected by the program will depend upon the settings of the control flags on the special control record and the code in the INT image. They are Beginning-of-Day (BOD), Restart Online, Restart Offline, Restart Beginning-of-Day.

2.47.1. Beginning-of-Day (BOD). This will occur on the first initialization after the RPTEON image is processed. Flags A, C, and I were ON in the special control record. These flags will be set in the OFF position, the date will be advanced, and the transaction serial number will be reset.

2.47.2. Restart Online. This will occur when online processing was in effect at the time the last restart record was written to the DBRA (database record area). Flags A, C, and I were OFF in the special control record.

2.47.3. Restart Offline. This will occur when offline processing was in effect at the time the last restart record was written to the DBRA. Flag A was ON and Flag I was OFF. Flag C may be either ON or OFF.

2.47.4. Restart Beginning-of-Day. This will occur when the AFMC SCM-R Information Technology Activity operator requests a return to online processing. Flag A was ON and will be set to OFF. Flags C and I were OFF. Date and transaction serial numbers will not be changed.

**2.48. NGV214 Failure.** If NGV214 fails due to hardware or a system crash, the previously active document image file will be recovered automatically when the system is restarted. When NGV214 does not appear to reactivate following a system restart, the following will occur. Wait for another NTR device output to be queued by NGV211A, whereby NGV214 is activated and automatic file recovery results.

**2.49. NGV280.** The following documentation is to be used to print NGV214 or NGV908 documents in the print queue for the laser or bar code printer. @COPY,A  
0GV00000\*GVABSUD001.NGV280,TPF\$. @XQT NGV280

2.49.1. Message Output Routine Environment (MORE). This processor allows programs to deliver printable messages in an efficient manner. MORE was developed for one specific problem; the uncontrolled buildup of outputs (QITEMS) waiting to be delivered to PIDs. NGV211A interfaces with MORE. NGV211A will determine if the documents should be passed to MORE or NGV214.

**2.50. Classified Processing.** No classified processing will be executed via the AFMC SCM-R Information Technology Activity. To conform with the requirements of AFI 31-401, *Information Security Program Management*, and AFI 14-303, *Release of Intelligence to U.S. Contractors*, the Data Communications Processor (DCP) switch will be physically turned OFF at the DMC main site, thus disconnecting all functional terminals from the DMC when classified reports are being processed.

## ***Section 2H—Operators and SBSS Communications Interface***

**2.51. Overview.** This section describes the various inputs available to the remote processing station (AFMC SCM-R Information Technology Activity) operator to control communications with other supply terminals and change data on the BASE-CONSTANTS-2 (014) records.

**2.52. Communications Inputs.** There are four inputs to control/inquiry the communications functions for SBSS terminals. A brief description of each follows:

2.52.1. Online and Twilight Mode Terminal Control Input (COM REM). This input is used to control the operation of terminal functions. See [Para 2.149](#) for input format.

2.52.2. Status. Displays various information on status of the database and contents of the BASE-CONSTANTS-2 (014) record. See [Para 2.150](#) for input and output format.

2.52.3. Terminal Message Input. Allows AFMC SCM-R Information Technology Activity operator to send messages to any SBSS terminal. See [Para 2.149](#) and [Para 2.152](#) for input/output format.

2.52.4. End. Changes the SBSS database from online to twilight (END-OF-DAY) mode. The END image processes an interactive communication interface (ICI) ready down (ICIRDYDN) if any system designator has an active automated data system interface.

**2.53. Interactive Communication Interface (ICI).** This processor provides the SBSS with the capability to pass images to or receive images from another automated data system (ADS). These inputs apply to any ADS interface that has the 001-ADS-ACTIVE-IND turned on. The following are the two main ICI keyins used by the AFMC SCM-R Information Technology Activity to control the ICI processor:

2.53.1. ICIRDYUP (ICI Ready Up). This input allows other ADSs to communicate directly with the SBSS. The ICIRDYUP input also checks the mailbox and passes any images in the mailbox to the SBSS for processing. Use this to start receiving inputs from any interfacing ADS.

2.53.2. ICIRDYDN (ICI Ready Down). This input disconnects any ADS from directly interfacing with SBSS. When processed, any images passed by other ADSs will go into the mailbox. Use this to stop receiving inputs from any interfacing ADS.

2.53.2.1. EXAMPLE: If the 001-ADS-ACTIVE-IND for the Core Automated Maintenance System (CAMS) is turned on (001-CAMS-M = M) and you wish to stop receiving inputs from IMDS (that is, manual processing, supply transaction recovery (STR), etc.), then process an ICIRDYDN. Any inputs made by IMDS to the SBSS database will go to the mailbox instead of to the SBSS for processing. To resume accepting inputs from IMDS, process an ICIRDYUP (manual processing complete).

**2.54. Limited ADP System Control Keyins.** These keyins are used to inquire the status of, change the processing sequence of, to delete or change sequence, or routing of print files designated for the SBSS ADS. See **Para. 2.154** for keyin format and description.

### ***Section 2I—Requisition Date, Releveling, Follow-up, File Status Control***

**2.55. Overview.** Releveling, follow-up, and file status are performed under the control of the online SBSS system support programs. Operator control over the assignment of requisition dates, starting/stopping of releveling, follow-up, and file status is maintained by the processing of a DAY image. See **Para 2.155** for the DAY image format.

**2.56. Requisition Date Control.** The Julian date assigned to requisitions created by the SBSS is updated by advancing the internally stored date. This is accomplished by specifying the number of days the existing requisition date is to be advanced in position 4 of the DAY image. The Julian date assigned to requisitions can be advanced from 1 to 9 days any time during the online or twilight mode.

**2.57. Requisition Serial Number Control.** Requisition serial numbers are addressed in AFH 23-123, Vol 2, Pt 1, Ch 5. Whenever the requisition date is advanced, the requisition serial number will be reset to 0001. The serial number is displayed on a TIP page by the STATUS command. The 002-REQUISITION-SERIAL-NBR field contains this data. Whenever you have a mismatch in this field it can be corrected by processing the INT image through a canned runstream. This field can also be modified by processing the canned runstream GV\$\$0000\*TCBRUN\$.NGVU72. If, however, NGVU72 is processed, it will set the 002 record field 002-REQUISITION-SERIAL-



NBR to equal 0001. NGVU72 is also processed in the GV\$\$0000\*TCBRUN\$.CREATE/GV-TCB element.

**2.58. Suppression of Releveling, Follow-up, File Status.** See [Para. 2.155](#) for these procedures.

**2.59. Restarting of Releveling, Follow-up, File Status.** See [Para. 2.155](#) for these procedures.

**2.60. Day Image Control.** All retail supply system-generated and manually initiated requisitions must contain the current Julian date. Computer Operations section will normally change the retail supply system date when the beginning-of-day (BOD) input is processed. When Computer Operations specifies a date change, the requisition serial number is reset to 0001. The mandatory times for date changes are necessary to ensure depot requisitions and MICAP START/STOP reporting contain accurate dates. Scheduling of releveling, follow-up, and file status is the responsibility of LGLO and must be monitored by the LRS CC/AO and major and subordinate commands. Every effort will be made to process releveling daily. Other operations will be accomplished as frequently as operational circumstances dictate. The LGRLO, in coordination with all affected flights, is responsible for the processing and correctness of the DAY image.

**2.61. Releveling and File Status Via Through Pseudo.** To process releveling and file status through the pseudo reader, the following is required:

2.61.1. Creating a file containing the database keys of the records that require releveling or file status.

2.61.2. Starting the required process by the DAY image.

2.61.3. Loading and starting pseudo.

**2.62. File Creation.** To create the file containing releveling or file status keys, see [Para 2.155](#) for the day image format or enter DAY for display of options. Program NGV268 will dynamically start NGV208B, a batch program that will scan the item records and select those records that qualify for the selected process. The database key (in decimal) for each record selected is placed in a record which is written to a sequential file. After starting NGV208B, program NGV268 will issue one of the following management notices:

312 MGT NOTICE - FILE STATUS COMPLETED	<b>Note:</b> 1. If FILE STATUS processed.	324 MGT NOTICE - RELEVELING COMPLETED	2. If RELEVELING processed.	315 MGT NOTICE - LIMITED RELEVELING COMPLETED	3. If restricted RELEVELING processed.
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2.62.1. After NGV208B has created the required file, the following sample messages are produced:

```
ITEM RECORD SCAN INITIATED AT 090715 AND COMPLETED AT 090919
TOTAL RECORDS SCANNED FOR PROCESSING WAS 13929 FILE CONTAINING 1289
RELEVELING KEYS IS READY FOR PROCESSING ENSURE DAY IMAGE IS RUN TO ENABLE
REQUIREMENTS PROCESSING WHEN READY TO PROCESS THRU PSEUDO USE THE
FOLLOWING DATA: PSU1011LOAD 1GV0*LVL-FILE.
```

2.62.2. If no records were selected, a message to this effect will be produced. Both files cannot be created at the same time. Create the LVL-FILE first then the XCS-FILE when both files are required for processing on the same day. The number of records in either file is always two greater than what is shown in the message produced by NGV208B. One is a message (MSG) to the AFMC SCM-R Information Technology Activity operator that processing has



started and the other is an end of file record. To obtain a readout of the existing parameters, process a day image with DAY in positions 1 through 3 and 4 through 80 blank.

**2.63. Starting The Required Process.** When ready to start releveing or file status, enter the PSU transaction produced in the message from NGV208B.

**2.64. Terminating Requirements Processing.** When processing releveing or file status through the pseudo reader and you wish to stop the process prior to normal completion, use the console PSU keyin to stop the pseudo from processing. These transactions will remain on the database in the specified pseudo until the process is restarted. To restart after stopping the process with a day transaction, the following steps must be followed:

2.64.1. Start the required pseudo using the PSU transaction that was used originally to start pseudo, but first remove the filename.

2.64.2. The complete filename is composed of the qualifier and the filename. The qualifier is four positions long with the gang number as the first character followed by the constant GV0; that is, 1GV0. The filename used by releveing is LVL-FILE, while XCS-FILE is the filename for file status.

2.64.2.1. EXAMPLE: 1GV0<ALN>\*LVL-FILE. and 1GV0<ALN>\*XCS-FILE.

### *Section 2J—Pseudo Reader*

**2.65. Overview.** The pseudo reader is a software feature which provides the capability of simulating an input function during online processing. It was developed to aid the processing of input images. The pseudo reader consists of the control programs, records, counters and a dedicated area in the SBSS database record area (DBRA) which serves as repository for the inputs to be processed.

**2.66. Pseudo Functions.** Inputs to be processed must first be loaded from images; for example, bench stock, SNUD, status, or via a direct interface by an active program that creates output for subsequent online processing. Loads to the pseudo reader area create read and write images on system audit tape. Once loaded, the inputs will remain until processed or deleted. See [Para 2.158](#) for job stream examples. Upon successful PSU LOAD, PSU DELETE, and PSU STA processing, an S041 management notice will be typed on the AFMC SCM-R Information Technology Activity console. When total completion of processing has been accomplished, an S042 management notice will be typed on the AFMC SCM-R Information Technology Activity console. To use the pseudo reader, see [Para 2.156](#) through [Para 2.161](#).

### *Section 2K—Concurrent Processing*

**2.67. Overview.** This section provides concurrent online and reports (end-of-day) processing for the Standard Base Supply System. Online processing will be terminated in an orderly manner at the close of each SBSS business day, assuring completion of all transactions being processed, while reports processing against transactions for the previous day's SBSS business is being accomplished.

**2.68. Scope.** SBSS ADS concurrent processing uses a primary and secondary database concept to segregate the SBSS database records when concurrent processing occurs and involves two SBSS business day's transactions. When concurrent processing is initiated, the primary database records

are copied to the secondary database, freezing an image of all database records for reports (end-of-day) processing. To maintain SBSS database integrity, a recovery point is established at this phase in the process via an IRU dump of the secondary database records to tape. If it becomes necessary to reestablish either the primary or secondary database, this database (IRU) dump may be used as the recovery point. Once the primary database has been copied successfully, reports that are required to be processed against the primary database are accomplished to close out the current SBSS business day on the primary database.

2.68.1. Upon input of the RPTEON select image against the primary database, full online transaction processing for the next SBSS business day can be initiated while reports for the previous SBSS business day are being processed on the secondary database. To terminate concurrent processing, after all required and scheduled reports have been processed successfully on the secondary database, input the RPTEON select image against the secondary database. All SBSS database records and record data elements which were updated on the secondary database are merged with the primary database.

2.68.2. The resulting action allows all updated SBSS database records to reside on the primary database with full recovery capability. See AFH 23-123, Vol 2, Pt 2, Ch 7, S741 through S748 management/reject notices, which pertain to SBSS concurrent processing.

**2.69. Current Processing Sequence and Edits.** The major processing sequence of events required to concurrently process online transactions and reports are contained in the following paragraphs:

2.69.1. Initiation of Concurrent Processing. Concurrent processing is initiated by input of the RPTRUN runstream against the primary database (see **Para. 2.160**). Edits are performed to ensure that the current SBSS business day's online processing has been terminated in an orderly manner (END image has been processed and the special control record 002-FLAG-A field (transaction/batch mode flag) is set to a J) and the secondary database has not been built for the current SBSS business day (special control record 002-FLAG-S field (secondary database flag) is set to 0). Before the primary database is copied to the secondary database, the base-constants-1 record on the primary database is checked to ensure that the database being copied is actually a primary database set for concurrent processing mode (001-PRIMARY-SECONDARY-FLAG = P). Otherwise, the database copy action will not occur, nor will concurrent processing. This situation will only occur if the decision has been made to process ALL reports on the primary database prior to the next SBSS business day (online mode) being initiated (001-PRIMARY-SECONDARY-FLAG = blank). If the 001-PRIMARY-SECONDARY-FLAG is equal to other than blank or P, an S745 reject notice (TYPE database IS INCORRECT) will be generated by program NGV801A.

2.69.2. The SBSS employs the gang-of-eight concept to support up to four separate SBSS accounts (S/D 01) on a single computer. Each account is provided two dedicated gangs: primary and secondary. The primary is available for online processing, twilight processing, and certain report programs. The secondary is used for mandatory and as-required report processing. Gang assignments are as follows:

**Table 2.2. Gang Assignments.**

<b>PRIMARY GANG</b>	<b>SECONDARY GANG</b>
1	5
2	6
3	7
4	8

2.69.3. During the end-of-day process, once online and twilight processing have been completed for that processing date, the primary gang is placed into the reports mode by processing RPTRUN. The RPTRUN checks the ITMDTL area on the secondary gang. If it is cataloged, the ACOPY process is activated. If it is not cataloged, NGV898 will then catalog it and then start ACOPY, copying the primary gang to the secondary, changing the database keys to reflect the secondary area codes. RPTRUN puts the primary gang into the reports mode, and the primary is then available for processing. A dump is then performed on the secondary. Since the secondary is an exact copy of the primary, this dump can be reloaded to the primary or secondary if recovery becomes necessary. If this dump is used to reload the secondary database, it will be necessary to run NGV299 to set the 001-PRIMARY-SECONDARY-FLAG to equal a secondary database (flag = S) since the flag is not set to an S by program NGV898C until after the secondary dump is taken. If the 002-ATH-IMPLEMENTED field equals a 1, the D37 is executed and a subsequent dump of primary areas CT-OWNR, CT-CTRL, and CT-HIST is performed.

2.69.4. Secondary Database Build. During the secondary database build process, the primary database records areas are downed to ensure that no transaction processing occurs while the primary database records are being copied to the secondary database. An S741 management notice (PRIMARY TO SECONDARY database BUILD IS IN PROGRESS) is generated by program NGV898C to inform the AFMC SCM-R Information Technology Activity console operator that transaction processing is suspended pending completion of the primary to secondary database copy.

2.69.5. Consolidated Transaction History (CTH) Tape Dump. The record field 002-ATH-IMPLEMENTED flag is checked for a 1 (one). If the 1 (one) is present, a tape dump of the primary CT-OWNR, CT-HIST and CT-CTRL areas (CTH areas) will be executed when position 79 and 80 of the primary RPTRUN input image are blank. All host LRS / materiel management activity accounts will process the daily RPTRUN with a B in position 79 to bypass the CTH during crossover. The S747 management notice (AFMC SCM-R Information Technology Activity OPERATOR ELECTED TO OMIT PRIMARY CTH AREA TAPE DUMP) is generated by program NGV898C to notify the LGLO that a tape dump of the primary CTH area did not occur on the daily run of RPTRUN. Once a week, all host LRS / materiel management activity accounts will process RPTRUN with a blank in position 79 to create the CTH dump during crossover. The weekly CTH dump should be processed after the NDA500 "ALL" option to include the CTH area. A second dump of the CTH area should be avoided if the current CTH database is already dumped to tape. When an \* (asterisk) is present in position 80 of the primary RPTRUN input image, the tape dump of the secondary database

and the tape dump of the primary CTH areas will be bypassed. When this occurs, an S743 management notice (AFMC SCM-R Information Technology Activity OPERATOR ELECTED TO OMIT THE STANDARD DATABASE DUMP) and an S747 management notice are generated. **Note:** Costly recoveries can be avoided by closely monitoring the size and the number of months maintained in the CTH area. To maintain the size of your CTH database, process UTL041 and UTL042 in accordance with **Ch 3**. Always ensure a CTH dump is processed prior to processing UTL041 and UTL042. In the event a recovery is required, follow the instructions in **Ch 3**.

2.69.6. Special Control Record. The special control record 002-FLAG-S field is set to a 1 (secondary database is active prior to BOD on the primary database). An S742 management notice (PRIMARY database IS NOW AVAILABLE FOR PROCESSING) is generated by program NGV898C to inform the AFMC SCM-R Information Technology Activity operator that processing can continue against the primary database. In addition, the second line of print on the S742 management notice will read: SECONDARY DATABASE WILL NOW BE DUMPED TO TAPE, unless the database (IRU) dump bypass option is selected (RPTRUN image, position 80 = '\*'). Only your MAJCOM or AFMC SCM-R Information Technology Activity can authorize the bypass option. After all required and scheduled reports have been processed successfully on the primary database, to include OGV0<ALN>\*DBRUN\$.VERIFY/GV-x, and input of the RPTEON image, the primary database may be initialized for the next SBSS business day (online mode).

2.69.7. SBSS Database Integrity. At the beginning of each concurrent processing day, the secondary database is dumped to tape via IRU. Coupled with the DMC system audit tapes, the primary or secondary database may be recovered independently, to any desired recovery point, without affecting other users of the SBSS ADS. The actual database dump occurs as a result of the RPTRUN image/runstream input (unless the database dump bypass option is selected). If the AFMC SCM-R Information Technology Activity operator selects this option, an S743 management notice (AFMC SCM-R Information Technology Activity OPERATOR TO OMIT THE STANDARD database DUMP) is generated by program NGV898C to notify Management and System Officer that the database dump did not occur. Extreme caution must be used when this option is selected, since the recovery start point will then be the last database dump taken and the tape dump of the primary CTH areas are bypassed. Bypass of the database dump and tape dump of the primary CTH areas is not authorized without prior approval from the host MAJCOM or Supply Systems Control Center.

2.69.8. Secondary Database Processing. After the secondary database has been built and the database (IRU) dump (if taken) is completed, the 001-PRIMARY-SECONDARY-FLAG is set to an S. All areas of the secondary database are then ready for reports processing. At this point in the concurrent processing, an S744 management notice (SECONDARY DATABASE IS NOW AVAILABLE FOR PROCESSING) will be generated by program NGV898C. After the AFMC SCM-R Information Technology Activity operator has completed these actions, process database pointer verification on the secondary database by keying in the following command statement: @XQT DMS\$0000\*DBALIB\$.NDA500 **Note:** Take applicable option as outlined in **Ch 3**. This must be executed in order to audit the database dump in the event it becomes necessary to reload the database records to either the primary or secondary database for recovery purposes. Normal reports processing can then resume according to AFH 23-123, Vol 2, Pt 2, Ch 5.

2.69.9. Secondary to Primary Database Update. After all required and scheduled reports have been processed successfully against the secondary database, and it is desired to close out the reports processing day, the RPTEON image is processed against the secondary database. This will overlay records and record fields that were updated from the secondary reports. Special control record data fields updated at this point are:

2.69.9.1. 002-FLAG-S is set to an asterisk (\*) on the secondary database (RPTEON has been processed on the secondary database).

2.69.9.2. 002-FLAG-S is updated on the primary database. If 002-FLAG-S = 1, indicating the primary database is still in reports mode, 002-FLAG-S is set to a 2. If 002-FLAG-S = 2, indicating that RPTEON has been processed and BOD has occurred on the primary database, 002-FLAG-S is set to 0 (secondary database inactive).

2.69.10. S746 Reject Notice. An S746 reject notice (REPORTS HAVE NOT BEEN COMPLETED ON THE SECONDARY database) will be output to the AFMC SCM-R Information Technology Activity console for the following conditions:

2.69.10.1. The RPTRUN image has been processed against the primary database. The RPTEON image has not been processed against the secondary database. (The AFMC SCM-R Information Technology Activity console operator is attempting to initiate the next SBSS processing (reports mode) day prior to completion of the current processing day.)

2.69.10.2. The RPTRUN image has been processed against the primary database, but BOD has not been initiated; however, the RPTEON image has been processed against the secondary database. (The AFMC SCM-R Information Technology Activity console operator must process the RPTEON select image against the primary database.) The generation of the S746 reject notice will prevent any attempt to allow two concurrent processing's to occur at the same time and prevents any damage to the primary database reports sequence control record to result after RPTEON has been processed on the primary database.

**2.70. Restart Procedures.** The following events should be analyzed when attempting to restart specific jobs during concurrent processing:

2.70.1. RPTRUN. During the initiation of concurrent processing, both the primary and secondary databases are down (inaccessible) from processing while the secondary database is being built. If an operating system failure occurs during this time frame, it will be necessary to process the following runstream to UP the primary database record areas:

2.70.1.1. @ADD,L 0GV0<ALN>\*DBRUN\$.UP/GV-x (x = applicable gang)

2.70.2. Reinput the RPTRUN Runstream. This will cause the primary to secondary database build process to reinitiate.

2.70.3. Secondary Database Dump in Progress. If an operating system failure occurs, initiate the standard database dump against the secondary database. Ensure record field 001-PRIMARY-SECONDARY-FLAG is equal to S. If not, use NGV299 to correctly set the 001-PRIMARY-SECONDARY-FLAG to S. Resume normal processing.

2.70.4. RPTEON Processing on the Secondary Database. If an operating system failure occurs during this time frame, correct the error condition and reinput the RPTEON runstream. RPTEON on the secondary database overlays data; it does not update.

**2.71. Recovery Procedures.** In the event it becomes necessary to recover database areas on either the primary or secondary database, a thorough research must be accomplished prior to any attempt to recover the database. Since there are too many conditions to describe, each recovery situation may be unique to itself. The different types of recoveries may require STR (Supply Transaction Recovery) or IRU reloads of the database, audit trail tape recovery or any combination of the three.

**2.72. IRU Dumps During Extended Online Processing.** When an online processing session is continued for more than the normal processing day, an IRU dump should be taken during this session. This dump should be taken at approximately the same time the normal end-of-day would have occurred. This dump would serve to significantly shorten recovery time in the event a recovery is later required. This dump should always be followed by a verification of the database. There must be no READ errors on dump tapes. The difference between a READ and WRITE error is the WRITE error will cause the tape to back-up and recheck the last write action. In other words, if the tape's read and write is okay then you have a good tape. If the tape's read is okay and a write error occurs, then the tape may still be okay, however, caution must be used if these are excessive. If the tape's read is bad, then the read error is unacceptable. Thus, READ errors cannot be read by IRU or ACOPY. Consequently, any recovery attempted with these tapes may not be successful.

## *Section 2L—Operating Procedures*

**2.73. Overview.** This section contains a screen format for each TRIC/DIC that is authorized for input by this manual. Also available is a GENERAL PURPOSE SCREEN, which can be used to enter data for any TRIC/DIC. Screen displays consist of 24 lines, and each line contains 80 character positions. Lines 1-20 display data fields; information is entered in these fields by personnel. Lines 21-24 display reject and management notices. These notices are automatically printed by the computer when they exceed the three display lines.

**2.74. Terminal Sign-On/Sign-Off Procedures.** Before you can sign on to the computer, you must take the following actions. Remember, as the microcomputer technology changes so will these procedures.

Turn on the terminal.	Turn on the printer.
Load the computer with the forms that you will need.	Check the page number displayed in the lower left corner of your screen.

The screen is referred to as the visual display unit (terminal) throughout the remainder of this section. **Note:** The page number is displayed, and then continue by taking the following appropriate actions:

2.74.1. If the page number is one, take the following actions:

2.74.1.1. Press the CONTROL PAGE function key. The following display will appear on your terminal:

```
(**PRINT*)STA- (**XFER*)PRNT (PRNT) XFER(ALL)
XMIT(CHAN)MM (PARAM) (/P1/)ADR- (//)SEARCH ( ) (//)
```

**Note:** If the display on your terminal is different from the display above, you must enter the correct data before proceeding. For additional guidance, see UP (Unisys Publication) 9142, Terminal Operators Guide.

2.74.1.2. Press the CONTROL PAGE function key when the control page parameters are correct. The control page parameters will disappear.

2.74.2. If the page number is two, take the following actions:

2.74.2.1. Press the PAGE function key. Page number one will now be displayed in the lower left corner of your terminal.

2.74.2.2. Press the XMIT function key to begin the sign-on procedure. Your terminal will display this message: ENTER USER-ID/PASSWORD.

2.74.3. Enter your USER-ID/PASSWORD. You have only three tries to enter your USER-ID/PASSWORD. However, if you have automatic sign-on implemented, then you only have two tries to enter your USER-ID/PASSWORD. In either case, if you incorrectly enter your USER-ID/PASSWORD in all tries, the system will deactivate your terminal (your PID for the terminal will be marked down). If your terminal is deactivated, you must contact the AFMC SCM-R Information Technology Activity operator before you can proceed. The purpose of the USER-ID and PASSWORD is as follows:

2.74.3.1. Your USER-ID is a unique word or code that prevents unauthorized users from gaining access to your files. Although entered, your USER-ID will not appear on your terminal.

2.74.3.2. Your PASSWORD is a unique word or code that identifies you as the person seeking to use the computer.

2.74.3.3. Press the XMIT function key. When your USER-ID/PASSWORD have been accepted by the computer, the SYSTEM MENU SCREEN will appear on your terminal.

2.74.3.4. Press the TAB function key until the cursor is positioned at the first input position of the SCREEN MENU # field.

2.74.3.5. Enter the screen number or screen name of your choice.

2.74.3.6. Press the XMIT function key. The screen requested will be displayed on your terminal. **Note:** If you leave the SCREEN MENU # field blank and then press the XMIT function key, the MAIN MENU SCREEN will be displayed on your terminal.

2.74.4. Terminal Shut-Down Procedures. Take the following actions:

2.74.4.1. Press the START-OF-ENTRY (SOE) function key.

2.74.4.2. Enter \$\$CLOSE after the SOE prompt >.

2.74.4.3. Press the XMIT function key.

2.74.4.4. Press the SOE function key.

2.74.4.5. Enter \$\$SOFF after the SOE prompt >.

2.74.4.6. Press the XMIT function key. Your terminal is now shut down.

2.74.5. Single and Multiscreens. The SBSS uses two kinds of screens, single screens and multiscreens, which are defined as follows:

2.74.5.1. Single Screens. These screens use one screen input to complete a transaction. For example, a new item record load can be processed with the screen name FIL and the

screen number 442. All data needed to process this transaction must be entered into the screen before they are transmitted from the terminal to the computer.

2.74.5.2. Multiscreens. These screens use two screen inputs to process a transaction. The first screen is an inquiry screen, which collects data from stored detail records. The second screen is built from these collected data. Transactions are processed with the minimum number of data entry requirements. An example of a multiscreen is as follows: first screen--#INQ REC (screen name), or #058 (screen number); second screen--#REC/059.

**2.75. Menus.** When you do not know the specific name or number of a screen, and it is not listed in AFH 23-123, Vol 1, Ch 2, you can still call the screen to your terminal by working through a list of program choices (menus). You must enter a choice from each menu until the desired screen appears on your terminal. There are four types of menus, defined below.

2.75.1. System Menu. Use this menu to call any screen used by the computer to your terminal. The System Menu is first displayed on your terminal just after you enter your USER-ID/PASSWORD when you sign on to the computer. To recall this menu to your terminal at any time, take these actions:

2.75.1.1. Press the START-OF-ENTRY (SOE) function key.

2.75.1.2. Enter MENU after the SOE prompt >.

2.75.1.3. Press the XMIT function key.

2.75.2. Main Menu. This menu displays major screen topics. You may call this menu to your terminal by selecting it from the System Menu or, select the Main Menu by taking the following actions:

2.75.2.1. Press the SOE function key.

2.75.2.2. Enter #MAINMENU (screen name), or #001 (screen number) after the SOE prompt >.

2.75.2.3. Press the XMIT function key.

2.75.3. Topic Menu. This menu groups similar functions by topic name. For example, turn-in screens are listed in topic menu # TURNIN; issue screens in # ISSUE. Major screen topics are listed on the Main Menu. To call a screen topic to your terminal, take the following actions:

2.75.3.1. Move the cursor to the topic of your choice.

2.75.3.2. Press the XMIT function key.

2.75.4. Specific Topic Menu. This menu lists topic screens under the topic name, such as ISSUES. The Specific Topic Menu also provides for each screen its name and a description of how it is used. For example, the menu provides the following information: # ISUCE Civil Engineering issue, type org code A or B non-MICAP. Specific topics are listed on the Topic Menu. To call a specific topic to your terminal, take these actions:

2.75.4.1. Move the cursor to the specific topic of your choice.

2.75.4.2. Press the XMIT function key.

**2.76. Selecting Specific Screens For Display.** You can call a specific screen to your terminal whether or not you know the screen's name or number. Take the appropriate actions, as follows:



2.76.1. Screen's Name or Number Is Known. Before you can call a specific screen to your terminal, you must first obtain the screen's name or number from AFH 23-123, Vol 1, Ch 2. Screen names are directly related to a TRIC/DIC and its intended use. For example, #ISUCE is the screen name for an issue request for Civil Engineering. Once you have obtained the screen's name or number, take the following actions:

2.76.1.1. Move the cursor to the first open screen line.

2.76.1.2. Press the START-OF-ENTRY (SOE) function key.

2.76.1.3. Enter the screen's name (#ISUCE) or number (#085) after the SOE prompt >.

2.76.1.4. Press the XMIT function key.

2.76.2. Screen's Name or Number Is Not Known. If you do not know the specific name or number of a screen, and it is not listed in AFH 23-123, Vol 1, Ch 2, you can still call the screen to your terminal. You must work through a list of program choices (menus).

**2.77. Entering and Transmitting Data (Types of Data).** A displayed screen contains two types of data, protected and unprotected, which are defined as follows:

2.77.1. Protected Data. This data is already entered and you cannot change it. For example, the screen name, screen number, and data field name are protected data.

2.77.2. Unprotected Data. You can enter and change this data. For example, the prepositioned initial value data (data entered on the screen by the computer) and the information that you enter in each field are unprotected data.

2.77.3. Entering Data. When you call a detail screen to your terminal, the cursor moves to the first character position of the first field in which you will enter data. As you enter data in a field, the cursor advances from left to right. When you have entered the maximum number of characters in a field, the cursor automatically moves to the first character position of the next field on your terminal. If you do not enter enough characters in a field to fill it, you must press the TAB function key to advance the cursor to the next field.

2.77.4. Transmitting Data. When you have entered a certain amount of data and want it registered in the computer, you must press the XMIT function key. Data which precede the SOE prompt > or follow the cursor are not transmitted. If an SOE prompt is not visible on your terminal, all unprotected data from the top left corner of your terminal (home cursor position) to the cursor character position are registered in the computer when you press the XMIT function key.

2.77.5. Refreshing the Screen. A screen feature exists to bring back the input data on the screen. This occurs whether the transaction processed or not. On top of the screen where the screen number is shown (i.e., /058), simply replace the slash (/) with an R (i.e., R058) and then enter the data that you want to reprocess.

**2.78. Special Screen Functions.** After you have transmitted data from your terminal to the computer and that input has been processed, your screen will be refreshed. In other words, the last screen you used before transmitting the data is redisplayed on your terminal under program control. When you press the PRINT function key, data on your terminal between the last Start-of-Entry prompt (>) and the current cursor position is printed. If an SOE prompt is not visible on your terminal, data from the top left corner of your terminal (home cursor position) to the current cursor

position is printed. Data entered in quantity fields is right-justified. When the data entered does not fill all the character positions, the field is zero-filled. Under these circumstances, do not enter leading zeros in the field.

**2.79. Error Notices.** Correctable Reject/Management Notices.

2.79.1. Operator Correctable Errors. The errors represented by the following SBSS reject/management notices can be corrected by you. These notices are defined in AFH 23-123, Vol 2, Pt 2, Ch 7. Refer to your reject notice file 0GV00000\*REJNOT. for applicable rejects.

2.79.2. Correcting an error.

2.79.2.1. Move the cursor to the field that contains the error.

2.79.2.2. Enter the correct data.

2.79.2.3. Move the cursor past the last data field used in the screen.

2.79.2.4. Press the XMIT function key.

2.79.3. Displaying a New Screen. To display a new screen, you must take the following actions. If an empty screen line is available, take these actions:

2.79.3.1. Move the cursor to an empty screen line.

2.79.3.2. Press the START-OF-ENTRY (SOE) function key.

2.79.3.3. Enter the # screen name or # screen number after the SOE prompt >.

2.79.3.4. Press the XMIT function key.

2.79.3.5. If an empty screen line IS NOT AVAILABLE, take these actions:

2.79.3.6. Clear the terminal by pressing the CURSOR TO HOME function key.

2.79.3.7. Press twice simultaneously the UPPER function key and the ERASE DIS function key.

2.79.3.8. Non-operator correctable reject/management notices. Reject notices other than those listed above are printed automatically under program control. The screen you used last will then reappear on your terminal.

2.79.3.9. System Error Notices. In addition to the SBSS reject/management notices defined in AFH 23-123, Vol 2, Pt 2, Ch 7 the following system error notices may result when you attempt to call a screen to your terminal:

2.79.3.9.1. Invalid Screen Request. This error notice appears on your terminal when you have entered an invalid screen name or number.

2.79.3.9.2. Screen Not Yet Implemented. This error notice appears on your terminal when you have entered a screen name that is listed on a menu, but which is not yet ready for use.

2.79.3.9.3. \*\*\*\*System error nn, field xx, name yyyy. This error message gives you the following information:

2.79.3.9.3.1. nn = The error number (see the chart below).

2.79.3.9.3.2. xx = The field that contains the error.

2.79.3.9.3.3. yyyy = The first four characters of the screen's name.

2.79.3.10. Error Numbers. If one of the following error numbers is displayed on your terminal, verify and then reenter the data containing the error. If you receive the same error message again, you must contact the AFMC SCM-R Information Technology Activity operator and describe the error before proceeding.

**Table 2.3. Error Numbers.**

<b>ERROR NUMBER</b>	<b>DESCRIPTION</b>
01	Error on read of DPS TIP Screen File.
02	Field is not an I/O field.
03	I/O field is not alpha, numeric, or alphanumeric.
04	Field name does not begin with FD, ND, or SD.
05	Field name FDnn, NDnn, or SDnn, where nn is not a two-digit number from 01-80.
06	Field length is not in range of 01-80 characters.
07	Computed starting field position and length places data beyond the 80-character image.

### ***Section 2M—Tape Management***

**2.80. Overview.** Tape management is an important aspect of AFMC SCM-R Information Technology Activity operations. By operating with faulty tapes, valuable computer data may be lost in the event that recovery of this data is necessary. Numerous amounts of write errors or any read errors should be researched and corrected as soon as possible. The cataloging of tapes on the system provides a tracking mechanism for identification of specific tape reel numbers to specific file-IDS. It also provides for automatically requesting the host DMC operator to mount the correct tape number(s) when/if a magnetic tape file-ID is used as input on a subsequent runstream.

**2.81. Cataloged Files.** As with all other DMC cataloged files, the ability to cycle these tape files exist. From 1 to 32 cycles may be retained in the master file directory (MFD). These cycles may be referenced as the following examples depict:

2.81.1. @PRT,F A\*A. This would produce a printout of the MFD information associated with the current cycle of file A\*A. This would include tape reel numbers if it were a cataloged tape file.

2.81.2. @PRT,F A\*A(-1). This would produce a printout of the MFD information associated with the minus one generation or cycle (the cycle immediately preceding the current generation).

2.81.3. @PRT,F A\*A(7). This would produce a printout of the MFD information associated with a specific file cycle, cycle number 7.

2.81.4. Additional information on file cycling may be found in UP 4144, EXEC SYSTEM PROGRAMMER REFERENCE. If a type file catalog entry is deleted or lost by a recovery process, the catalog entry for a tape file may be reestablished by using the following processes. These processes should be used only when the MFD entry recording the tape's current utilization has been lost and the physical tape reel(s) themselves have not been destroyed or written over. If the correct tape reel numbers are known, then enter:

2.81.4.1. @CAT,PV qualifier\*filename(+1).,U9,xxx/yyy..../zzz      **Note:** Where xxx, yyy, and zzz are replaced by the appropriate tape reel numbers.

**2.82. Tape Accountability.** Accurate tape accountability procedures must be followed to ensure positive control over tape input/output within the SBSS ADS on the DMC. Manual records must be available for research and recovery. Although AF Form 2006, *Tape Utilization Log*, is not mandatory, recommend using a formal log to keep track of all AFMC SCM-R Information Technology Activity tape requirements.

**2.83. Tape Records.** Historical data on all tapes produced on the DMC are the responsibility of the DMC chief. All tapes used by LRS / materiel management activity are recorded in the System for Tape Administration and Reporting (STAR), 1100 tape library system. It is not mandatory to record tape numbers on AF Form 2006; however, a formal log will make a quick reference for input/output tape utilization. There are four methods to obtain tape file information.

2.83.1. @PRT,F on tape filename (if cataloged tape file).

2.83.2. @ADD 0GV0<ALN>\*DBRUN\$.TAPE-NBR/GV-x .x equals gang

2.83.2.1. By manually executing the IRU processor:

2.83.2.1.1. @IRU

2.83.2.1.2. REPORT HISTORY DUMPS FILES DMS\$<ALN>\*ITMDTL-GV-1.;

2.83.2.1.3. ACT;

2.83.2.1.4. @EOF or audit trail history reporting, keyin the following:

2.83.2.1.5. @IRU

2.83.2.1.6. Report ACI ALL; ACT;

2.83.2.1.7. -or-

2.83.2.1.8. Report ACI Last 10; ACT;

2.83.2.1.9. @EOF

**2.84. IRU Dumps.** The IRU process is the only tool used by the SBSS to dump the database. This provides backup security for both the primary and secondary gangs. There is a runstream available in 0GV0<ALN>\*DBRUN\$. to dump the database: IRUDUMP/GV-x. All dump tape numbers and audit trail tape numbers are stored in IRU history files (see **Para. 2.165** for dumps and **Para 2.167** for audit tapes). Also, you may elect to process IRU dumps with the DUMP CHANGES options. See UP (Unisys publication) 7830 8194-000 for the DUMP CHANGES and RELOAD CHANGES options.

**2.85. EXEC Files.** The recovery of cataloged disk files which are not under the control of the DMS 1100 (Database Management System) are supported using a variety of procedures. These procedures are described below:

2.85.1. The simplest of procedures is the processing of a standard SBSS runstream which re-creates the file to be recovered. The files this procedure applies to and the runstreams to process are documented in [Para 2.163](#). To re-create a file, prior to processing a runstream, verify that the files necessary to process the runstream as documented in [Para 2.164](#) are present on the system.

2.85.2. A second procedure used to backup disk files and provide a recovery capability is provided by the host DMC. This is accomplished by the host DMC via a standard utility referred to as the File Administrative Processor (FAS). The local DMC is responsible for establishing dates and times when files are backed up via the @FAS process. Coordination between the Supply Systems Monitor and the host DMC should be accomplished to determine what files will be saved and the frequency the @FAS process will be accomplished.

2.85.3. The third method used to provide disk file backup capability is provided via standard SBSS runstreams. These runstreams use standard Executive Control Language (ECL), specifically @COPY,GM to create backup tapes for files retained on disk. These backup tapes are created as a secondary backup measure.

2.85.4. If it becomes necessary to recover a file listed in [Para 2.163](#) and it cannot be re-created by processing a standard runstream, the primary means of recovery should be to request the host DMC recover the file from the latest saveall tape. However, it should be verified that the date/time of the @FAS backup tape to be used in the recovery operation is subsequent to the backup tapes created by processing the applicable SBSS runstreams. If the SBSS created backup tape is the most current of the two backup tape sources, the file should be recovered from the SBSS created backup tape. [Para 2.163](#) defines processing frequency and recovery processes using the backup procedures listed in this paragraph.

**2.86. ACOPY Processing Instructions.** ACOPY is used to reload a dump to a gang other than the gang that was originally dumped. It is also used anytime you wish to delete the database prior to reloading a particular gang. Also, ACOPY is the only way you can cross gangs with a database dump. ACOPY converts the DBK of each record to the correct area, page, and record. Prior to starting 0GV0<ALN>\*DBRUN\$.ACOPY, element 0GV0<ALN>\*DBRUN\$.SGS must be modified to pass the gang number dumped on the tape and the gang number you wish to recover.

2.86.1. The first IRU tape number must also be provided. An example of element SGS follows:

2.86.1.1. >ACOPY GANG Y TO Z

2.86.1.2. >FIRST IRU TAPE IS XXXXXX

2.86.1.3. If gang five was dumped on tape number B00024, and you want to reload it to gang one, simply change Y to equal gang five, Z to equal gang one, and XXXXXX to equal B00024. For multiple reels, separate with a /B00999/B08888/B0777. The following is one example of a ACOPY runstream:

2.86.1.3.1. >@RUN,A ACOPY,,xGV0 . x = gang number

2.86.1.3.2. >@SYM PRINT\$.,RPS08 . queue out PR

2.86.1.3.3. >@QUAL DMS\$<ALN> . your ALN

2.86.1.3.4. >@SSG ,0GV0<ALN>\*DBRUN\$.SGS . gang and tape

2.86.1.3.5. >SKEL

2.86.1.3.6. >#MSG ACOPY FROM GV GANG [ACOPY,1,2,1] TO GV GANG [ACOPY,1,4,1]

2.86.1.3.7. >#MSG \*\* STARTING IRU TAPE IS [FIRST,1,4,1] BY: user

2.86.1.3.8. >#ADD,L 0GV0<ALN>\*DBRUN\$.DOWN/GV-[ACOPY,1,4,1]

2.86.1.3.9. >#ADD,L 0GV0<ALN>\*DBRUN\$.DELETE/GV[ACOPY,1,4,1]

2.86.1.3.10. >#ADD,L 0GV0<ALN>\*DBRUN\$.CAT[ACOPY,1,4,1]

2.86.1.3.11. >#ASG,TF 0V0\*SBSSAV[ACOPY,1,2,1].,U9,[FIRST,1,4,1],1800

2.86.1.3.12. >#DMS\$0000\*DBALIB\$.ACOPY,IC DMS\$<ALN>\*SBSS-SCHEMA.SBSS-SCHEMA

2.86.1.3.13. >IRU TAPE 0GV0\*SBSSAV[ACOPY,1,2,1]. REEL [FIRST,1,4,1]

2.86.1.3.14. >OUTPUT TO DMS\$<ALN>\*XXX.

2.86.1.3.15. >COPY ATHINU-GV-[ACOPY,1,2,1] INTO ATHINU-GV-[ACOPY,1,4,1]

2.86.1.3.16. " " " "

2.86.1.3.17. " " " "

2.86.1.3.18. >COPY SIFHLD-GV-[ACOPY,1,2,1] INTO SIFHLD-GV-[ACOPY,1,4,1]

2.86.1.3.19. >#ADD,L 0GV0<ALN>\*DBRUN\$.FREE/GV-[ACOPY,1,4,1]

2.86.1.3.20. >#ADD,L 0GV0<ALN>\*DBRUN\$.UP/GV-[ACOPY,1,4,1]

2.86.1.3.21. >@EOF

2.86.1.3.22. >@FIN

2.86.2. Processing Logic. ACOPY downs, deletes, catalogs, copies, and then it ups the particular database being recovered. It then reads the dump tape, copying the areas from the tape to disk. When recovering to a gang other than the gang that was dumped, ACOPY reads the database keys of the records on the dump and changes the area codes to equate to the gang being reloaded prior to copying the areas.

**2.87. Supply Transaction Recovery (STR).** The prime method of recovering the SBSS database is with the Integrated Recovery Utility (IRU) recover command. The major causes of a STR results either from bad tapes or improper operating procedures. If an excessive amount of read/write errors persist on output tapes, the tape librarian must be notified. In the case of improper operating procedures, training will eliminate this problem. However, there are cases where a STR is necessary.

**2.88. STR Coordination.** It is imperative that the DECC, AFMC SCM-R Information Technology Activity, Accounting and Finance, and LRS / materiel management activity personnel, AFMC SCM-R Information Technology Activity, MAJCOM all become very involved prior to and during this procedure. It is strongly recommended that personnel from each area assemble together to review these procedures and work together to ensure the database is rebuilt in a correct and stable manner. If bad or unreadable tapes are encountered, STR will abort. The AFMC SCM-R Information Technology Activity must then utilize ATTANL to print the area on the tape where the error occurred. Close analysis to the ATTANL printout is needed to extract the last good time a transaction was created both before and after the tape error. This will require the AFMC SCM-R Information Technology Activity personnel to use extreme caution in generating each of the recovery input files.

2.88.1. Special Note. Bases should consider at this point using times slots to build the recovery files to limit the number of inputs in each file. If you elect this option, when you get an end-of-job for NGVU60, the files should be copied into another file (that is, xGV0\*TXFILE. copied into xGV0\*TX1.) for the first run. Filenames should be unique in all cases. STR uses local time for input but converts this to GMT (Greenwich Mean Time) from the tape.

2.88.2. STR Recovery Process. The AFMC SCM-R Information Technology Activity room will determine the start and stop times necessary for the STR recovery and reestablish the SBSS database up to the time that the STR will be required. That is, RELOAD back a clean and valid database dump and if necessary, audit trail recover up to the start of STR. Once the database is ready, IRUDUMP, process NDA500, and STR all audit trail tapes required, hold the output files for the Degraded Operations team. The Degraded Operations team will assemble and review the output listing for validity and sequencing of inputs. Once the file(s) are ready for input, the AFMC SCM-R Information Technology Activity will pseudo load these images, hold all rejects for the Degraded Operations team. Under no circumstance should these images be replayed without a person or persons having an in-depth knowledge about the SBSS.

2.88.3. **STR** Versus IRU Recovery. One important note; once you have started a STR recovery, you must finish with a STR recovery. You cannot process STR, IRU, then STR. These will leave you with an invalid database.

## **2.89. File Usage.**

2.89.1. The following files must be present for STR to operate correctly:

2.89.1.1. 0GV0<ALN>\*DBRUN\$. contains all the necessary ECL runstreams to start and execute NGV291, STR EDITOR.

2.89.1.2. 0GV00000\*DBALIB\$. contains all the absolutes necessary to execute the jobs involved with the STR process.

2.89.1.3. TIP\$\*SCRNF177. contains all the SBSS tip screen formats.

2.89.2. The work files created during the execution of NGVU60 are as follows:

2.89.2.1. x equals primary gang.

2.89.2.2. xGV0\*REL-D-FILE

- 2.89.2.3. xGV0\*REL-K-FILE
- 2.89.2.4. xGV0\*901-D-FILE
- 2.89.2.5. xGV0\*901-K-FILE
- 2.89.2.6. xGV0\*TXFILE
- 2.89.2.7. xGV0\*1BS-TXFILE
- 2.89.2.8. xGV0\*NGVU60-PRT
- 2.89.2.9. xGV0\*NGVU60-SUM
- 2.89.2.10. xGV0\*NGVU60-901

**2.90. Description and Operating Procedures.** The following information provides sufficient operating instructions to allow the user to recover an SBSS database in the event of failure in the IRU process.

2.90.1. Description. The first step in the STR recovery is to execute NGVU60 from an AFMC SCM-R Information Technology Activity demand terminal. NGVU60 reads the audit trail tape or tapes and creates a work file (xGV0\*TXFILE.) containing SBSS transactions that are to be replayed using the SBSS pseudo reader. NGVU60 creates three different print files. They are as follows:

2.90.1.1. The Detail Print Report (xGV0\*NGVU60-PRT.). This is a listing of inputs. This report lists additional information about each transaction such as the input PID, date and time, and the audit trail STEP-ID of the original input message. The audit trail STEP-ID is a method the audit trail logging process uses to tie a different process associated with one step or message together. By using the STEP-ID (a 12-position number), 901 transaction histories can be researched in the 901 portion of the printed listing. All transactions created by an input will have the same STEP-ID. The 901 portion is output in STEP-ID sequence.

2.90.1.2. The Summary Print Report (xGV0\*NGVU60-SUM.). This is a summary of all audit trail tapes as they are read. Information on previous, current, and next audit trail numbers, date and time mounted and demounted, and number of records read are shown.

2.90.1.3. The Transaction History Report. This report lists each 901-TRANSACTION-HISTORY record logged on the audit trail tape during the specified recovery period. The user can tie transaction histories listed on the report back to the original input listed on the Detail Print Report with the STEP-ID.

2.90.2. Delete File. NGVU60 creates a delete file. This file is used to delete all work files once the recovery is complete. This job should be started by the AFMC SCM-R Information Technology Activity console operator once notified the STR recovery has been completed and the SBSS ADS is back online and operational.

2.90.3. TIP File 177. NGVU60 uses the TIP\$\*SCRNF177. as an index to rebuild the image from a screen format into an input image. Since TIP\$\*SCRNF177. is always the current screens you have loaded, NGVU60 will format these images with the correct fields.

2.90.4. Editing Output. The next step in the STR process is the editing of the transaction file (xGV0\*TXFILE.). The user will use NGV291 to edit this file. **Note:** Do not attempt to use



conversational time sharing (cts) or editor for the review. These processes will truncate data of any input that is greater than 80/320 characters. After all appropriate corrected transactions have been added to the transaction file, the transactions may be split into small files so they can be replayed through the SBSS pseudo. Once all transactions have been recovered, the user should perform whatever post-processing is necessary to determine if a successful database has been recovered. NGV291 will be explained in detail later in this chapter.

2.90.5. Operating Instructions. The following information is intended to provide the user with a detailed discussion of each of the steps of the STR process:

2.90.5.1. STR requires specific information to perform the above functions. To use STR, the ALN (access location number), the ADS-ID (1GV, 2GV, 3GV or 4GV), the beginning and ending audit trail tape number(s), the starting and ending times, and the output print queue for the recovery period will be required. It is imperative that this information be gathered and is accurate PRIOR to start of the recovery process.

2.90.5.2. ALN. Due to multiple gangs being stacked on the same ALN, you must know which ALN you are assigned. The command @WHOAMI will determine this for you. You cannot use the ALN 0000, since this is an exempt ALN; you will pull transactions not belonging to your particular ALN or gang. You must be signed on to your ALN to process STR.

2.90.5.3. ADS-ID. This is a three-character identification code of the ADS being recovered. The first position of the ADS-ID is the gang number (1 through 4 only). The last two positions are the constant GV, which denote SBSS transactions only.

2.90.5.4. Start/End Date/Time. Since the DMC operates on local and GMT (Greenwich Meantime) it is imperative you use local versus GMT time. The audit trail tape will record the transactions under GMT. Be sure of your start/stop date and times BEFORE executing the STR process. NGVU60 will query for local start/stop times.

2.90.5.5. Beginning/Ending Audit Trail Numbers. The audit trail numbers must consist of a six-position input reel number. Audit trail research must be accomplished in a correct manner. IRU can give you the most accurate listing of the audit trail report. Use the following to display audit trail tapes:

2.90.5.5.1. @IRU	activate IRU processor
2.90.5.5.2. REPORT ACI ALL; ACT;	or REPORT ACI LAST 15;
2.90.5.5.3. ACT;	execute IRU commands
2.90.5.5.4. @EOF	exit IRU

2.90.5.5.5. Use the following to display all audit trail tapes numbers:

2.90.5.5.5.1. @IRU	activate IRU processor
2.90.5.5.5.2. REPORT AUDIT ALL; ACT;	or REPORT AUDIT LAST 15;
2.90.5.5.5.3. ACT;	execute IRU commands
2.90.5.5.5.4. @EOF	exit IRU

2.90.5.6. Printer Device. Self-explanatory. This should be your dummy queue of where to SYM the output reports.

**2.91. Initiation of STR.** STR is initiated by the following key-in:

@ADD 0GV0\*DBRUN\$.NGVU60

When STR begins, the following message will be displayed:

```
=====
====   NGVU60 STR REV: 01   ====
=====
```

STR Prompts. STR will now prompt for the processing parameters. The following display will ask for the ADS-ID:

ENTER 3 POSITION

The operator must enter a valid ADS-ID. If in error, the prompt will be displayed again. Once a valid ADS-ID has been accepted, the operator is asked to enter the audit trail tape number that the recovery is to begin with. The following message will be displayed:

ENTER AUDIT TRAIL TAPE REEL NUMBER

If the operator enters an invalid response, STR will again ask for the tape number with the above message. Next, the operator will be asked to enter the starting date and time of the recovery period with the following message:

USE LOCAL DATE/TIME. DO NOT USE GMT DATE/TIME. –

ENTER START DATE/TIME IN FOLLOWING FORMAT

MM/DD/YYYY HR:MN After accepting the valid start date and time, STR will ask for the ending start date and time of the recovery period with the following message:

ENTER STOP DATE/TIME IN FOLLOWING FORMAT

MM/DD/YYYY HR:MN

If either starting or ending dates or times are invalid, an error message will be displayed and the operator must, again, keyin a valid date and/or time. After all above messages have properly been answered, the following message will be displayed for output queue:

ENTER PRINTER DEVICE-ID

Enter output queue for listings and the following message will be displayed:

```
-----
GANG/ADS.....XGV
ALN.....XXXX
REEL-NUMBER....XXXXXX
PRINTER.....DEPXXX
START-DATE (LOCAL).MM/DD/YYYY HR:MN
```

START-DATE (GMT)...MM/DD/YYYY HR:MN

END-DATE (LOCAL)...MM/DD/YYYY HR:MN

END-DATE (GMT).....MM/DD/YYYY HR:MN

-----  
IS THE ABOVE INFORMATION CORRECT? (Y/N)

Enter "N" to correct the processing parameters, enter "Y" to accept the input and the following message will be displayed:

YOU MUST DETERMINE THE TYPE OF TAPE YOU USE.

YOUR OPTIONS ARE:

OPT MEANING

-----  
1 - SQUARE TAPE, (JOHNNY-5) "HICL"

2 - SQUARE TAPE, RPC (WITH A SILO) "U9" (U9V,U9S)

3 - ROUND TAPE, SBLC (NO SILO) "U9" (U9V,U9S)

4 - ROUND TAPE, 9 TRACK "NT" (NTV,NTS)

WHAT IS YOUR OPTION" (1/2/3/4)

Contact your DMC about what type of tape you are using. Once you determine and input the type of tape you are using, the below message will display:

AUDIT TRAIL ASSIGN (ASG) WILL BE:

"@ASG,T SYSS\$\*AUDIT\$01.,U9V,XXXXXXX,1800 . " (XXXXXXX = tape number)

IS THE ABOVE ASG CORRECT? (Y/N)

Enter "Y" to start your recovery, and "N" to exit the program.

**2.92. Processing NGVU60.** STR (NGVU60) will read all applicable audit trail tapes and extract all messages for input ADS, reel number, start and ending times. These messages are then read against SCRNF177 for applicable format. By using the current screen file, STR edits the image, which is written to audit trail in screen format and then built into an 80-position image for reinput. These images are produced in the same sequence in which they were originally created.

2.92.1. Once all messages, both pseudo and TIP messages have been extracted from tape, the following will be displayed on the console:

2.92.1.1. THE DELETE FILE IS xGV0\*DEL-FILE.

2.92.1.2. AFTER COMPLETION OF THE RECOVERY, THE

2.92.1.3. FOLLOWING START COMMAND SHOULD BE

2.92.1.4. ENTERED FROM THE CONSOLE

2.92.1.5. @ADD,L xGV0\*DEL-FILE.

#### 2.92.1.6. THIS WILL DELETE ALL THE WORK FILES

#### 2.92.1.7. CREATED BY NGVU60

2.92.2. The deletion file is used to delete all files created by STR. This job should be started only after the complete STR processed is finished and the AFMC SCM-R Information Technology Activity resumes normal SBSS processing. That is, the database has been recovered and verified in a stable state. The following notes will apply when the edit is being performed:

2.92.2.1. STR will not build your input images for twilight processing. The listing of transaction histories (901-records) will reflect these, but there will not be images in your XGV0\*TXFILE. These inputs are all read by batch programs (i.e., FME/NGV580). These inputs will require being re-created and reprocessed manually.

2.92.2.2. Any database alterations (NGV299) processing will have to be accomplished as FIX input images are not written to audit trail tape. Database AFTERLOOKS are not used by NGV299.

2.92.2.3. Ensure that the Supply Interface System (SIFS) collector and all related SIFS processing is suspended until completion of the applicable STR recovery period. Also be sure that an ICIRDYDOWN has been processed to preclude any interruptions by any other ADS activity. If STR cannot identify the next tape number to be used, the following message will be displayed:

2.92.2.3.1. STR HAS REACHED THE END OF THE TAPE XXXXXX.

2.92.2.3.2. THE NEXT REEL NUMBER ON THAT TAPE CONTAINS

2.92.2.3.3. @@@@ THEREFORE, THE NEXT REEL NUMBER CANNOT

2.92.2.3.4. BE IDENTIFIED. DO YOU WANT ANOTHER TAPE MOUNTED (Y OR N)?

2.92.2.4. This usually indicates the DMC operator manually closed out the audit trail tape when it was active. Obtain the next reel number to be used from the DMC operator. Answer Y for STR to continue. It will then prompt you to enter the next reel number.

2.92.2.5. If the next reel number is not readily available, answer N. The STR will process data from the tapes already read in this session. Once the next reel is known and available, just start another run of STR using this reel number as the beginning tape number. Remember, if you do this before processing the inputs created by the first STR run, catalog and copy off all of your STR files to keep from corrupting or losing them. If multiple reels are used with STR, verify audit trail listing displays open and swaps for a continuous run. If an audit trail tape is closed NGVU60 will stop. If you have multiple reels with STR, recommend only using two tapes for each STR. (For example, if you had six tapes to process, then you would start the STR recovery against the first two tapes. After all TX-FILES have been created, recommend processing files individually and taking IRU dump and processing NDA500 between runs. You would repeat these steps until all six tapes have been recovered.) This gives an updated point to return if problems are encountered with the following tapes.

**2.93. Editing With NGV291.** NGV291 was developed to edit only the xGV0\*TXFILE. It is menu-driven which will list all available options. The following key-in will activate NGV291. NGV291 interfaces with demand screen number 637. @ADD

0GV0<ALN>\*DBRUN\$.NGV291/Gx . x = gang (1 through 4 only).

2.93.1. To print the file, option Y will SYM it to the desired printer. Each input image on the listing will contain a record number. This record number is the key for reviewing the xGV0\*TXFILE. Once all modifications have been made to the file, it can be input through the pseudo reader. The following are the options used to manipulate the file and what each option will do:

**Table 2.4. Options used to manipulate xGV0\*TXFILE.**

OPTIONS	DESCRIPTION
1. REVIEW	(R) - this option will bring the first input up on the screen.
2. MODIFY	(M) - this option will allow any portion of input to be modified.
3. NEXT	(N) - this option will bring the next input up on the screen.
4. PREVIOUS	(P) - this option will bring the previous input back upon the screen.
5. CHANGE	(C) - this option will allow changes to be made to the current input.
6. DELETE	(D) - this option will delete the current image. In place of the input image will be a MSG to 057 showing that the input was deleted.
7. UNDELETE	(U) - this option will restore an image which may have been inadvertently deleted. Your listing from the SYM will show you the exact image number to restore.
8. SAVE	(S) - this option will save all changes and will exit NGV291. To reenter NGV291, the above @ADD statement will have to be reentered.
9. QUIT	(Q) - this option will exit NGV291 without saving any changes.
10. HELP	(H) - this option will display all authorized commands.
11. SYM	(Y) - this option will SYM the listing to the specified device. Once the Y option is transmitted, you will be asked to enter the queue number of where the listing is to be printed.

2.93.2. The TRIC select option can be used with the majority of the above commands in searching for a specific input. Once an output listing has been printed, SBSS personnel will do a manual review of the input images BEFORE the transactions are processed through the pseudo. This manual review should include the recommended actions in the next six paragraphs.

2.93.2.1. TRIC SHP. The AFMC SCM-R Information Technology Activity personnel, along with Stock Control personnel, should review the input file (xGV0\*TXFILE.) for TRIC SHP. This review should be for shipments of unserviceable assets. These inputs should be held until all other processing is complete. Then using QLP, select the unserviceable details for these stock numbers and system designators. Enter the new unserviceable detail document number in the SHP transaction and reprocess. There is no external input to ensure the unserviceable is reestablished under the same number as previously used.

2.93.2.2. TRIC AEx. Delete all AEx inputs, x equals any value that contains a cancellation status code. Since the AEx has already processed prior to the STR recovery, the request for cancellation has already been sent.

2.93.2.3. TRIC ISU and SPR. Review processing by LRS / materiel management activity and Accounting and Finance personnel, should be done to ensure the ISU/SPR and other transactions are in the correct sequence within the input TXFILE.

2.93.2.4. TRIC MSI and SPR for MSI. These inputs should be deleted from the input file. If, for instance, it was an automatic ISU (0 balance), the MSI would process twice. Since the MSI is in the input file, it would process the ISU; that ISU would produce the MSI and the MSI in the file TXFILE would process again. Therefore, deleting these images will eliminate double processing. Advise the applicable personnel in LRS / materiel management activity that these images were deleted so they can reestablish the appropriate records.

2.93.2.5. TRIC FRC. If you have a SPR in the transaction file for the same stock number that is in the FRC image, delete the FRC. When the SPR reprocesses it will reestablish the due-in detail under the correct requisition number.

2.93.2.6. Any other review that needs to be accomplished should be completed prior to any reprocessing of the transactions. Once the review is completed, you are ready to replay your STR transactions.

**2.94. Pseudo Processing.** Bases should process NGV299 to alter the 002-REQUISITION-SERIAL-NBR field on the 002-record to the next even thousand to ensure duplicates are not assigned (that is, if the last requisition serial number was 1567, then 002-REQUISITION-SERIAL-NBR should be altered to 2000). By doing this, if an input is missed, you will not have any duplicate transactions when finished. Close coordination of all output documents must be accomplished. Inputs should be broken down to manageable batches. The number of inputs processed in each batch will be determined by the types of inputs and what the AFMC SCM-R Information Technology Activity personnel feel comfortable with. The SBSS should be up, with releveling, follow-up, and file status suppressed and all terminals off until this STR processing has been completed.

**2.95. Post Processing.** When the last inputs are processed, the following steps will be accomplished:

- 2.95.1. Run the END image.
- 2.95.2. Take and IRU dump of primary gang.
- 2.95.3. Process NDA500, ALL sets excluding CTH.
- 2.95.4. Recommend processing any backlog of Base Level ADRSS II System (BLAMES).
- 2.95.5. Process all mandatory EOD reports for recovered transactions.
- 2.95.6. Suspend all outbound (SIFS) until it has been determined that no requisitions from this STR process are transmitted. It is strongly recommended that one person from Document Control oversee all 1348-1A documents to be identified with the original output.
- 2.95.7. Once all reports have been processed and the STR process completed, delete ALL files from this STR session.
- 2.95.8. Transaction Counts. You will, in most cases, never recover a one for one transaction count. This is due to audit trail tape block errors or noise block errors. The main concern is to recover the SBSS database to the most efficient and stable condition as possible. The AFMC SCM-R Information Technology Activity supervisor and/or AFMC SCM-R Information Technology Activity personnel should be aware of an excessive amount of read errors from audit trail tapes on a day-to-day basis. If excessive amounts of these errors persist, contact your DMC system monitor to try and eliminate these errors. Remember, safety dumps and correcting system errors when they occur prevents the use of STR.

### ***Section 2N—LRS / Materiel Management Activity And Financial System Constants***

**2.96. Overview.** This section provides the procedures for use of constants data elements. The Accounting and Finance and disbursing serial number (ADSN), MAJCOM code, terminal function assignments, etc., are specific system configurations and operational system data elements which vary from base to base. These constant data elements are assigned at base level and loaded to the SBSS database. In this section, the x is used to indicate the applicable primary gang number.

**2.97. Base Constants.** Base constants provide base level functions with the capability to load unique data which identify processes and computer terminals used at those bases. The SBSS application programs reference this data during processing to validate inputs, determine processing rationale, and define output traffic flow. Base system configuration and data constants are loaded to the 001-BASE-CONSTANTS-1 record, 002 SPECIAL-CONTROL record, 106-SYSTEM-DESIGNATOR record and 310 A&F-VARIABLE-DATA record. Terminal data is loaded to the 014-BASE-CONSTANTS-2 record, 021 PID-HEADER record. Care must be taken to ensure these constants are current at all times. Computer Operations is responsible for developing, maintaining, and processing these inputs. Programs NGV068A, NGV068B, and NGV068C are provided for this purpose.

**2.98. Terminal Translate Tables.** A standard method of identifying input and addressing output to terminals is necessary because the number and application of terminals will vary at different bases. Use of terminal translate tables allows each system designator to specify the preferred

terminal to receive output designated for a given terminal (see [Para 2.177](#)) and adjust this to suit actual local conditions.

2.98.1. Program NGV068A. Program NGV068A provides a menu-driven process for maintaining terminal translate data. It provides edits to ensure the terminal data are correct and verifies that the minimum mandatory terminals are included in the terminal file. The mandatory terminals are listed in [Para 2.177](#). Although these are the mandatory terminals, they should not be the only terminals included. There should be a terminal image for each function number that could receive unsolicited output. This will include function numbers for all assigned warehouses, Stock Control, Record Maintenance, etc.

2.98.2. Program NGV211A. Program NGV211A is the SBSS Executive program which delivers the output document to a terminal. It attempts to deliver output to the function number and system designator supplied by the application program. When it does not locate that function in the translate tables, it defaults to function number 444 for the supplied system designator. When NGV211A cannot deliver the output to 444 for the supplied system designator, it defaults to 444 for system designator 01. In each instance, when a function is not located in the terminal translate tables, NGV211A creates a 703 Management Notice which is written to the Cumulative Reject Suspense area. The only means available to clear this notice is with program NGV818. To prevent 703 management notices, load the appropriate function number as a pseudo device (type equipment = 99) and direct its output to a terminal with a printer. When a terminal's output is designated for a print queue, program NGV211A will call NGV214 for processing. Program NGV214 creates the print file OGV0<ALN>00XX\*GV214-yyyy. (xx = output system designator, yyyy = TIP number of the first document in the file) and stores documents in that file until one of the following three conditions occurs:

2.98.2.1. The system designator of the output document changes.

2.98.2.2. Program NGV214 times out because of no output.

2.98.2.3. The file is full (100 documents). Once the file is closed, NGV211A sends the file to the queue listed in the site-ID field of terminal 445 for the output system designator. When no 445 terminal is located, the default is 445 for system designator 01. When there is no 445 system designator 01, the default is function 020 for system designator 01.

2.98.3. Program NGV211B. NGV211B is the SBSS Executive program which delivers listings, labels, and produces output images to a queue. When a print file is created, the application program passes NGV211B the system designator of the print file. NGV211B locates terminal 020 for the application program supplied system designator. When it is located, NGV211B sends the file to the queue listed in the queue field. If NGV211B does not locate 020 in the translate tables, it defaults to terminal 020 for system designator 01. When the print file is for bar coded labels, NGV211B locates terminal 496 for the supplied system designator and sends the file to the run-ID listed in the run-ID field. If terminal 496 is not located, NGV211B defaults to 020 for the supplied system designator. If 020 is not located, NGV211B defaults to terminal 020 for system designator 01. When an image file is created, the application program passes NGV211B, the system designator of the output queue/file. NGV211B locates terminal 442 for the supplied system designator and sends the file to the queue listed in the queue field. If terminal 442 is not located, NGV211B defaults to 020 for



the supplied system designator. If 020 is not located, NGV211B defaults to terminal 020 for system designator 01.

**2.99. Loading of System Constant.** There are three methods available for loading constant and terminal data. Except for the initial load, constant and terminal information should not require mass changes or reload. A TIP process is available for updating the SBSS database when minor changes are needed. This capability is available using options 7 and 8 in program NGV068A. NGV068A passes images to the tip program NGV269 for updating in online mode only. Program NGV068B loads terminal data using images located in filename xGV0<ALN>\*GV068AUD700. and constants and support data from images in file xGV0<ALN>\*GV068AUD701. These are multi-sequential access method (MSAM) files updated by program NGV068A and cannot be accessed by another processor. To process NGV068B, execute the following:

2.99.1. @0GV00000\*GVABSUD001.NGV068B,XXXX

2.99.2. This processor call is followed by an option field, XXXX, which is separated from the call processor by a comma. The options in the option field can be specified in any order with spaces between them. The available options are:

2.99.2.1. P - Indicates primary database.

2.99.2.2. C - Indicates constant data load. Creates a listing of database and input data.

2.99.2.3. T - Indicates terminal data.

2.99.2.4. Z - Indicates the listing created is verification only (no updates). This option can only be used in conjunction with option C. **Note:** The option field consists of a minimum of two and a maximum of four options.

**2.100. Special Instructions.** Program NGV068B must be run in demand mode. Prior to processing NGV068B, ensure that your gang number is reflected in the first position of your sign-on project-ID and current qualifier. You can check these fields by executing a @WHOAMI in demand mode. Program NGV068C can be processed anytime the Multi-Sequential Access Method (MSAM) terminal data file (xGV0<ALN>\*GV068AUD700.) is corrupted. Program NGV068C reads the Base Constants-2 Records (014) which use this data to re-create the corrupted MSAM terminal data file. This program will not rebuild the Constants/Support Data file, only the Terminal Data file. If not cataloged, NGV068C will catalog file xGV0<ALN>\*GV068AUD700. and rebuild the terminal data by processing:

2.100.1. @XQT 0GV00000\*GVABSUD001.NGV068C

**2.101. Other Constants Data.** In addition to the most commonly used base system configuration constants, all AFMC SCM-R Information Technology Activity supervisors and operators must be aware of the record constants loaded on the following:

**Table 2.5. Other Constants Data.**

DATA	TRIC	REFERENCE
Item Records	FIL	AFH 23-123, Vol 2, Pt 2, Ch 8
FSC/MMC Records	BVL/ BDL	AFH 23-123, Vol 2, Pt 2, Ch 8

Standard Equate	ISR	AFH 23-123, Vol 2, Pt 2, Ch 8
Routing Identifier	FRI	AFH 23-123, Vol 2, Pt 2, Ch 8
Repair Cycle Records	FIL	AFH 23-123, Vol 2, Pt 2, Ch 8
Exception Phrases	FXR	AFH 23-123, Vol 2, Pt 2, Ch 8
Type Cargo Phrases	CPH	AFH 23-123, Vol 2, Pt 2, Ch 8
Transaction Phrases	TPH	<b>Sec. 2A</b>
Reject Phrases	REJ	AFH 23-123, Vol 2, Pt 2, Ch 8

**2.102. Two-Page Concept.** The two-page concept is beneficial in high volume input areas (Receiving) and where large volumes of unsolicited output is printed (Stock Control). This concept allows the operator to input on one page and receive the output on the second page without being continuously interrupted with output documents. One disadvantage is that inquiries input on the input page will automatically be printed on the output page. In a single-page concept (input and output on the same page), the inquiry will display on the screen without printing. The procedures for the two-page concept are as follows: configure one page as a normal SBSS function; for example 062, configure the second page as another valid function; for example, 077 and place 077 in the output function number field of the terminal image for 062.

**2.103. Constant Demand Processor (CDP) (NGV068A).** The CDP program does not access the SBSS database; however, it provides a means to create, change, or delete CON images for processing by programs NGV068B or NGV269. The AFMC SCM-R Information Technology Activity operator enters @XQT 0GV00000\*GVABSUD001.NGV068A to initiate the CDP. The Master Menu (Screen 600), [Para 2.168](#) displays. It provides nine options as follows:

2.103.1. Option 1, End Processing. This option ([Para 2.169](#)) exits to Demand mode. Prior to exiting, a verification process is accomplished except when option 7 has processed and no terminal images have been updated since that option.

2.103.2. Option 2, List Terminal Data. This option ([Para 2.170](#)) creates a listing of terminal images. Seven sequences are available (see [Para 2.170](#), Screen 598).

2.103.3. Option 3, Inquire Terminal Data. This option ([Para 2.171](#)) allows the user to create, change, delete, or inquire terminal images.

2.103.4. Option 4, List Constant/Support Data. This option ([Para 2.172](#)) produces a listing of constants and support data images in system designator sequence.

2.103.5. Option 5, Inquire Host Constant Data. This option ([Para 2.173](#)) allows the user to create, change, or inquire constant images for system designator 01 only.

2.103.6. Option 6, Inquire Support Data. This option ([Para 2.174](#)) allows the user to create, change, delete, or inquire support images for each system designator.

2.103.7. Option 7, Update SBSS With Terminal Data. This option ([Para 2.175](#)) allows the user to pass CON images from the xGV0<ALN>\*GV068AUD700. terminal file to TIP for update of the SBSS primary gang database. The SBSS primary gang must be in the online mode or the images will remain on node 11 until the SBSS is online. In addition, the 014

terminal record for function number 000 must be loaded for the images to be accepted by the SBSS.

2.103.8. Option 8, Update SBSS With Constant Data. This option ([Para 2.176](#)) allows the user to pass constant and support images from the xGV0<ALN>\*GV068AUD701. constant file to TIP for update of the SBSS primary gang database. The SBSS primary gang must be in the online mode or the images will not be updated to the database. In addition, the 014 terminal record for function number 000 must be loaded for the images to be accepted by the SBSS.

2.103.9. Option 9, Verify Terminal Data With Adds and Changes. This option ([Para 2.177](#)) allows the user to verify the terminal data file only if one or more terminals are flagged with an add or change. This option will verify and then terminate NGV068A processor.

## ***Section 2O—Selective Utility Programs***

**2.104. Overview.** Utility programs can be called from the program bank only during twilight and reports mode. If operating online, the END image must be processed to ensure an orderly close-out of all terminals.

2.104.1. Individual programs may contain parameter information in the utility select image and/or have additional parameter images. If additional images are required, place them behind the utility select image, followed by a STOP image, if required.

2.104.2. This section describes selective utility programs. Not all SBSS utility programs are documented within this section.

2.104.3. STOP Image. Many of the utility programs use a STOP image to signal the program when all parameter or data images have been read. This image must have STOP in positions 1-4.

## **2.105. Inventory Valuation Utility (UTL020).**

2.105.1. Program UTL020 computes the inventory balance and stores the results in 022-FILLER-1. If the computed balance is different from what the current record indicates, move the computed Inventory Balance to 022-FILLER-1. The program should also output a discrepancy list in column format. The program will display 'NO DISCREPANCIES DETECTED' if there are no discrepancies.

2.105.2. Frequency. As required.

2.105.3. Select Image Input Format.

**Table 2.6. Select Image Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-6	6	Transaction Identification Code/Program Identifier	UTL020
7	1	Blank	

8-34	27	Report Title	INVENTORY VALUATION UTILITY
35-80	46	Blank	

2.105.4. Special Instructions for UTL020. Process on Primary database only. If program aborts, reload dump and reprocess.

2.105.5. Output Instructions for UTL020. Give all output to Records Maintenance to research discrepancy.

## **2.106. Item and Repair Cycle Record Linkage Check (NGV024).**

2.106.1. Program NGV024 provides the capability to verify that a repair cycle record exists for each ERRCD XD and XF type item record, that no repair cycle record exists for an ERRCD other than XD or XF type item record, and that all repair cycle records have an owner record that is an ERRCD XD or XF type item record. Program NGV024 produces a listing of all errors that is an ERRCD XD or XF type item record. Program NGV024 produces a listing of all errors detected by type, and reflects the database record elements of the records found to be in error. Record count totals are printed by record type. An item record count will be printed when positions 9-11 of the parameter image are blank or contain ITM. A repair cycle record count will be printed when positions 9-11 of the parameter image are blank or contain RCR.

2.106.2. The type of database record scan to be performed is based upon the option selected in positions 9-11 of the parameter image. If positions 9-11 contain ITM, the ITMDTL-AREA of the SBSS database is scanned for item records. When an item record is found, program NGV024 determines whether or not a repair cycle record should exist based upon the ERRCD. If the item record ERRCD equals XD or XF, the program reads the ITEM-R-C set for which the item record is the owner to determine the existence of a repair cycle record. If the set is empty, an S528 MGT ITEM RECORD WITH REPAIR CYCLE ERRCD, BUT NO REPAIR CYCLE RECORD EXISTS - NOTICE ONLY is produced with the item record data content. If it is determined that the item record should not have a related repair cycle record, the ITEM-R-C set is checked for an existing repair cycle record. If a repair cycle record is located for that item record, an S538 MGT ITEM RECORD WITH NON- REPAIR CYCLE ERRCD, BUT REPAIR CYCLE RECORD EXISTS - NOTICE ONLY and the repair cycle record data will be produced.

2.106.3. If positions 9-11 contain RCR, the REPCYC-AREA of the SBSS database is scanned for repair cycle records. When a repair cycle record is found, program NGV024 determines the existence of an owner item record by the ITEM-R-C Set. If an owner item record does exist, the item record is checked for an ERRCD equal to XD or XF. If the owner item record ERRCD is unequal to XD or XF, an S539 MGT REPAIR CYCLE RECORD WITH ITEM RECORD CONTAINING NON-REPAIR CYCLE ERRCD - NOTICE ONLY message and the applicable repair cycle and item records will be output. If an owner item record does not exist, an S529 MGT REPAIR CYCLE RECORD WITH NO ITEM RECORD - NOTICE ONLY message and the applicable repair cycle record will be output.

2.106.4. If positions 9-11 are blank, both the ITMDTL-AREA and REPCYC-AREA of the SBSS database will be scanned and the functions will be performed.

2.106.5. Frequency. As required, but at least once each month.

## 2.106.6. Format.

## 2.106.6.1. Select Image Input Format.

**Table 2.7. Select Image Input Format.**

	<b>NO</b>		
<b>POS</b>	<b>POS</b>	<b>FIELD DESCRIPTION</b>	<b>REMARKS/NOTES</b>
1-6	6	Transaction Identification Code/Program Identifier	UTL024
7-80	74	Blank	

## 2.106.6.2. Parameter Image Input Format.

**Table 2.8. Parameter Image Input Format.**

	<b>NO</b>		
<b>POS</b>	<b>POS</b>	<b>FIELD DESCRIPTION</b>	<b>REMARKS/NOTES</b>
1-3	3	Transaction Identification Code	LNK
4-8	5	Blank	
9-11	3	Link Check Identifier	Note
12-80	69	Blank	
<b>Note:</b> If ITM is entered: Only verifies repair cycle records exist for all item records with ERRCD of XD or XF. If RCR is entered: Only verifies item records with ERRCD of XD or XF exist for all repair cycle records. If Blank: Verifies both options.			

2.106.7. Special Instructions for NGV024. This program should be processed anytime an item or repair cycle record relationship error is suspected. This condition can normally be identified by reviewing the daily Fail Safe (NGV027) Listing. Anytime the number of repair cycle records does not match the number of DIFM item records, an error exists and utility program NGV024 should be processed to identify the specific records in error. Additionally, the program should be processed monthly to identify errors not readily found by reviewing Fail Safe Listings; that is, where record counts match and records are not correctly linked. Restart is from beginning.

**2.107. Failsafe (NGV027).** The FailSafe Program, NGV027, provides the counts of basic records and detail records by system designator. Selective edits are performed on basic and detail records by system designator. If an error condition is encountered, the record key, contents, and error type phrase are printed along with the counts. See AFH 23-123, Vol 2, Pt 2, Ch 5 for specific record formats.

2.107.1. Program Logic for NGV027 computes totals for item, repair cycle, and detail records, by system designator.

## 2.107.1.1. Errors.

2.107.1.1.1. RECORD: Data content of record in error (167 positions).

2.107.1.1.2. KEY: Database key of record in error (12 positions).

2.107.1.1.3. ERROR CODES:

2.107.1.1.3.1. A = System designator error.

2.107.1.1.3.2. C = Date of last transaction error.

2.107.1.1.3.3. G = Invalid document number.

2.107.1.1.3.4. H = Invalid type detail code.

2.107.2. Frequency. Weekly or as locally required.

2.107.3. Format.

2.107.3.1. Input Format.

**Table 2.9. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	UTL
4-6	3	Program Identifier	027

2.107.4. Special Instructions. When a discrepancy is noted in record counts, the discrepancy must be investigated to determine what action caused the error. All potential areas for error are too numerous to list. Some typical checks that should be made are:

2.107.4.1. Investigate fully any known tape error that occurred during reject and restore to determine validity of the restore. Also included would be system crashes, power outs or fluxes.

2.107.4.2. Database key or set error rejects printed out on the AFMC SCM-R Information Technology Activity console may indicate record fields erroneously written to the DBRA by program error, or generated through tape or hardware failure.

2.107.4.3. Check AFMC SCM-R Information Technology Activity console printouts in Document Control for any record alterations with program NGV299.

2.107.4.4. If the reloading of an IRU dump and subsequent running of the program produces totals which do not agree with the program totals originally dumped, then the reloading process should be checked for tape errors.

2.107.4.5. Management Uses. NGV027 provides the ADPE Unit with a total of basic and detail records currently loaded on the DBRA. The list is used to verify record counts during recoveries, DBRA uploads, and IRU dumps. Identifies record errors that require Computer Operations corrective action before additional processing can continue.

**2.108. Satellite Rehoming Download (NGV028).** Program NGV028 copies to tape selected item records, detail records, in-use detail records, repair cycle records, and support records to tape, for load/reload with program NGV030, Satellite Rehoming Upload.

2.108.1. Records are selected by system designator(s). This program will create an original and safety backup download dump. CAUTION: This is a general purpose and multi-application program. In most cases, use of its many options will require preconversion and/or post-conversion actions on the part of the losing and gaining bases. This program must be run as directed by the user's MAJCOM, and only run as a part of a plan which addresses the specific database conversion or application to be accomplished. Additionally, the rehome process affects non-SBSS systems. Coordinate with the losing/gaining accounting and finance offices' standard materiel accounting system (SMAS) monitor to ensure an integrated transition.

2.108.2. Program Logic. The ITMDTL-AREA of the SBSS database is scanned for item records. Item records are checked for system designator(s) equal to the system designator constants(s) in the parameter images.

2.108.2.1. If an equal condition exists, the item record and all of its subordinate detail records, repair cycle records, and in-use detail records are written to tape.

2.108.2.2. After the scan for item records has been completed, the system designator record(s) are read for each system designator in the parameter input(s) and the subordinate fuels records that reside in the FUELS-AREA, inventory accuracy records, ARMS records, and routing identifier records, are written to tape if directed by the option for each record type if the program select image so designates.

2.108.2.3. Modifications to the item records and detail records are made based on parameter input(s) options prior to writing the records to tape.

2.108.2.4. Program NGV028 will create an initial download tape, then automatically create a safety tape. If more than one tape is required for the download of the account, the first tape will be reel #1 of the download, and the second tape will be reel #1 for the safety tape. Then the third tape will be reel #2 of the initial download dump, and the fourth tape will be reel #2 of the safety tapes. Therefore, reels 1 and 3 would be used for the upload rehome, and reels 2 and 4 would be kept for the backup Safety Download reels.

2.108.3. Format for NGV028. One input is required for each system designator to be selected (maximum 20 inputs). A STOP image is required after the parameter input.

2.108.3.1. Input Select Image.

**Table 2.10. Input Select Image.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3 A	Transaction Identification Code	UTL
4-6	3 A	Program Select Code	YYY
7-9	3 N	Program Identifier	028
10		Blank	
11-60	50 AN	Job Identification	Note 1
61-67		Blank	

68	1 A	K or Blank	Note 7
69	1 A	Fuels Gains/Loss Option	Note 2
70	1 A	Arms Option	Note 3
71	1 A	Inventory Accuracy Option	Note 4
72	1 A	Routing Identifier Option	Note 5
73	1 A	Fuels Management Option	Note 6
74-80		Blank	

**Note:**

1. Enter the constant REHOME in positions 11-16. The remaining positions (positions 17-60) are for information only. EXAMPLE: REHOME SD A2 PITT ANG FROM GUNTER TO MAXWELL.
2. Leave blank to copy fuels gains/loss records; enter G to bypass copy.
3. Leave blank to copy ARMS records; enter A to bypass copy.
4. Leave blank to copy inventory accuracy records; enter I to bypass copy.
5. Leave blank to copy routing identifier records; enter R to bypass copy.
6. Leave blank to copy fuels management data records (record codes 408 - 412). Enter F to bypass copy.
7. Enter K to download munitions data only. Positions 14-15 of input parameter must contain 01 to download additional records required for munitions conversion process.

## 2.108.3.2. Parameter Image(s) Format.

**Table 2.11. Parameter Image(s) Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-9	9 A	Image Identifier	Parameter
10-11	2	Blank	
12-38	27 AN	Selection/Conversion Parameters	
12-13	2	SD to be selected	Note 1
14-15	2	Convert SD to XX, or same as 12-13	Note 2
16-17	2	Blank	
18-19	2 N	New Warehouse (Number Option)	Note 3
20-37	18	Blank	
38	1	Reparable Destination/Disposition	Note 4



39-80	42	Blank	
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. This field cannot be blank. Positions 12-13 must contain the system designator involved in the record selection. EXAMPLE: If records containing system designator A1 are to be selected, positions 12-13 would be A1.</li> <li>2. The use of this field is mandatory. If the system designator of the records being selected is to be changed, the new system designator will be in positions 14-15. When selected records are not to be changed, entry is the same as positions 12-13.</li> <li>3. This field must be blank or contain a new two-position warehouse number. When this field is used, the field will be stored in the selected item record warehouse number portion of the warehouse location field. This input field will not be stored if it is blank, or if the warehouse location field of the item record is blank; that is, item record does not have a warehouse location.</li> <li>4. Enter a dash (-) in position 38 to cause RPT to be stored in the reparable destination code field in selected repair cycle records. Use this option to avoid loading erroneous reparable destination or disposition codes with program NGV030 when a satellite account database is being transferred from one Computer Support Base (CSB) to another CSB. RPT in this field will cause excess items to be reported for disposition instructions until a BDR image is processed at the gaining base.</li> </ol>			

2.108.4. Restart Procedures. Rerun the job from the beginning.

2.108.5. Special Instructions for NGV030. Use program NGV030 to select the item, detail, authorized/in-use detail, and repair cycle records which are to be loaded or reloaded to an SBSS DBRA. The following is a summary of the programmed parameter image edits:

2.108.6. Parameter Image Edits.

**Table 2.12. Parameter Image Edits.**

POS	EDIT CHECKS
1-9	Must contain the constant: PARAMETER
12	Must contain an alpha or numeric character
13	Must contain a numeric character
14	Must contain an alpha or numeric character
15	Must contain a numeric character
18-19	Must contain two blank or numeric characters
38	Must be a minus (-) or blank

2.108.6.1. For satellite relocation's, the losing base will provide the gaining base with the record tape(s). The losing base will also provide the gaining base with a copy of the fail safe NGV027 printout not later than 2 weeks prior to the conversion.

2.108.6.2. Program NGV028 must be run in REPORTS mode on the primary database and after RPTEON on the secondary has been processed.

2.108.6.3. Program NGV028 will create an initial download tape reel, and the program will automatically create a safety download tape reel. If more than 1 (one) reel is required for the account download, follow these instructions when marking and label the reels. The first reel of the download will be marked as reel #1 of the initial dump, and the second reel will be marked as reel #1 of the safety dump. The next or third reel mounted will be marked as reel #2 of the initial dump, and the fourth and final reel will be marked as reel #2 of the safety dump. Ensure reels are properly labeled to prevent shipping of the wrong reels, and hold the safety download reel(s) until after the gaining base complete their upload of the account.

**2.109. Support Record Download/Upload (NGV029).** NGV029 downloads and uploads support records necessary to establish a new host account.

2.109.1. Download. Support and miscellaneous areas are scanned, and support records are copied to tape.

2.109.2. Upload. The tape created from the download is read. Record areas are created, and the support records are loaded to their perspective database areas.

2.109.3. Format for NGV029. The following input parameter(s) are used by NGV029:

2.109.3.1. Input Select Format.

**Table 2.13. Input Select Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-6	6	UTL029	
7	1	Blank	
8-15	8	Type	Note 1
16	1	Blank	
17-22	6	TAPE NUMBER	Note 2
23-80	58	BLANK	
Note: 1. The following information applies: a. DOWNLOAD = Download support records. b. UPLOAD = Upload records to new database. 2. Cannot be blank when UPLOAD option is used. Enter the 6 position tape number for the tape to upload.			

2.109.4. Restart Procedures for NGV029. If for any reason NGV029 requires a restart, you must process the two following steps (x equals primary gang):

2.109.4.1. @START 0GV0<ALN>\*DBRUN\$.INIT/GV-x

2.109.4.2. Restart NGV029

2.109.5. Special Instructions. If a satellite is being converted to a new 01 account (host base), this program must be run prior to NGV030. A database dump is mandatory afterward.

2.109.6. Records used by NGV029.

**Table 2.14. Records used by NGV029.**

RECORD	DESCRIPTION
003	Exception Phrases
004	Federal Stock Classes
005	Materiel Management Codes
006	Reject Notices
009	Transaction Phrases
010	Type Cargo Phrases
013	RID DODAAC Conversion
519	Shipping Destination

**2.110. Satellite Rehomming Upload (NGV030).** NGV030 loads selected records to the SBSS database from the rehomming tape generated by program NGV028. When the same stock number, but different system designator, is previously loaded, the common data elements on the item record are transferred to the record being loaded. A printout will be produced indicating the number of records loaded and any reject notices that may be generated.

2.110.1. Utilizing tapes previously generated by program NGV028, Satellite Rehomming Download:

2.110.1.1. The program reads tape blocks sequentially.

2.110.1.2. Validates the system designator being loaded.

2.110.1.3. Establishes a restart point (in case of system failure), after every 2,000 records processed.

2.110.1.4. When adding an item record, common item record elements are modified, (from an item record already in the DBRA) onto the item record being added to the DBRA (same stock number, different system designator); that is, unit of issue, unit price, routing identifier code, ERRCD, quantity unit pack code, Interchangeable and Substitute Group (ISG) subgroup code, controlled item code, nomenclature, national motor freight classification code, freight rate designator, type cargo code, budget code, interchangeable subgroup number, and interchangeable code. The unit price is not copied if the routing identifier code is JB(x).

2.110.1.5. Basic records (item records, detail records, repair cycle records) are added to the database, followed by support records.

2.110.2. Common item record elements are copied (from an item record already in the DBRA) onto an item record being added to the DBRA (same stock number, different system designator); that is, unit of issue, unit price, routing identifier code, ERRCD, quantity unit pack code, ISG subgroup code, controlled item code, nomenclature, national motor freight classification code, freight rate designator, type cargo code, budget code, interchangeable subgroup number, and interchangeable code. The unit price is not copied if the routing identifier code is JB(x). A blank field allows upload without copying.

2.110.3. When the last item record has been processed, the add detail routine is called in to load and relate details individually into the DBRA (in appropriate new space allocation).

2.110.4. Process notices are provided when beginning or ending a new area.

2.110.5. The support records from the losing CSB are loaded.

2.110.6. Format for NGV030.

2.110.6.1. Input Select Format.

**Table 2.15. Input Select Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3 A	Transaction Identification Code	RPT
4-6	3 A	Report Select Code	YYY
7-9	3 N	Program Identifier	030
10-16	7 A	Constant	PROGRAM
17-21	5	Blank	
22-33	12 A	Blank or Constants as Below	
22-24	3 A	Constant	ADD
25	1	Blank	
26-28	3 A	Constant	NEW
29	1	Blank	
30-33	4 A	Constant	ACCT
34	1	Blank	
35-47	13 N	Reel Numbers	Note
48-80		Blank	
<b>Note:</b> Enter 6 position reel numbers and separate them with a (/). Two reels are the maximum authorized during a single run.			

2.110.7. Tape Usage. A message is passed to the DMC operator to mount the required tape to be used by program NGV030. For restart, if this is a satellite-to-satellite rehome, reload database dump prior to starting NGV030. If this is a satellite to new host or bare base load, initialize database and replay new host base procedures starting with program NGV068B. If aborted for any reason, the database must be restored to the point prior to running NGV030 and program NGV030 must be restarted.

2.110.8. Special Instructions for NGV030. **Program NGV030 must be run on the primary database after RPTEON** on the secondary and prior to BOD on the primary. When processing NGV030 and the 001-XADS-AFEMS-FLAG is set to yes, the program will create XSC images to be captured by SIFS to be routed the C001 Computer System. See AFMAN 23-122, Sec 1C, Satellite Operations for Gaining Base rehome instructions for NGV030.

**2.111. Change Stock Record Account Number (SRAN) (NGV031).** This program changes SBSS database records for a SRAN and/or MAJCOM code by system designator (SD 01 only) when requested in the program select image and directed by MAJCOM or higher authority. When a satellite or tenant system designator is specified, only the MAJCOM code can be changed.

2.111.1. Program Logic. The program select image is read and edited. A scan of the ITMDTL-AREA, REPCYC-AREA, PRTNBR-AREA, ATHINU-AREA, and ISG-AREA of the SBSS database is made on all detail, item, repair cycle, part number item relationship, authorized/in-use detail, and interchangeable and substitute records. The last four positions of each record account number are requested. Each time an equal condition is encountered, the new SRAN (obtained from positions 40-43 of the program select images) is written to the applicable record and the SBSS database is updated. **Note:** If the change to the MAJCOM code option is requested, then the system designators of the due-in from maintenance (DIFM) detail, special level detail, or the War Reserve Materiel (WRM) War Consumable Distribution Objective (WCDO) spare detail record are equal to the input program select image system designator. The detail record MAJCOM code is compared to the applicable command code in the report select card. If equal, it is bypassed. If the MAJCOM codes are unequal, the detail is updated with the MAJCOM code from the input select image. If at least one detail record MAJCOM code is changed or the MAJCOM code change was not requested, the program will continue through the remaining database records to change SRAN, if requested.

2.111.2. Format for NGV031.

2.111.2.1. Input Select Format.

**Table 2.16. Input Select Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3 A	Transaction Identification Code	RPT
4-6	3 A	Report Select Code	UUU
7-9	3 N	Program Identifier	031
10-37	27	Blank	

38-39	2 A	Old MAJCOM code	Notes 2,5
40-43	4 N	New AFSRAN or Blank	Note 1
44-45	2 AN	New MAJCOM Code or Blank	Notes 2,5
46	1 AN	Update Special Level Detail or Blank	Notes 2,3
47	1 AN	Update WRM Detail Option or Blank	Notes 2,4
48-49	2 AN	System Designator or Blank	Notes 2,5
50-82	31	Blank	

**Note:**

1. This option will only be used when changing SRAN.
2. This option will only be used when changing MAJCOM code. Ensure that the MAJCOM code is correct, since the program does not perform an edit for a valid MAJCOM code. When this option is used, it is mandatory to enter the new MAJCOM code in positions 44-45 and system designator in positions 48-49. Only the MAJCOM code for that system designator will be changed. DIFM detail records will be updated with this option only.
3. This option will include special level detail records in the MAJCOM code update when a dash (-) is entered.
4. This option will include WRM WCDO spares detail records in the MAJCOM code update when a dash (-) is entered.
5. This is a mandatory entry when requesting a MAJCOM code change. The MAJCOM code that is changed will only be for the system designator entered in positions 48-49 and the MAJCOM code entered in positions 44-45 of the program select image. For restart, start from beginning unless the file has been destroyed. It will not be necessary to reload the file dump. Although records previously changed will be rechecked, they will be unequal to the old AFSRAN so no change will be made.

2.111.3. Special Instructions for NGV031. On the day prior to the date the AFSRAN change is to be effective, process all necessary reports. Program NGV031 should be run during end-of-month and must be run on the primary database.

2.111.3.1. When the MAJCOM code option is to be used, ensure that organization cost center record changes (FOR) transactions have been successfully processed for affected organization codes prior to running program NGV031. See AFH 23-123, Vol 2, Pt 2, Ch 8, for organization cost center record change input processing.

2.111.3.2. Ensure that program NGV836/M10, Consolidated Inventory Adjustment Register, is run to clear any adjustment records on the SBSS database for the old SRAN prior to running program NGV031. This requires that all inventories (Complete, Special, Sample) and warehouse validations are complete. Run a R22 Conversion Audit List.

2.111.3.3. After all reports have been processed and prior to RPTEON: Ensure that RPTEON has processed on the secondary.

2.111.3.3.1. Take a normal database SAVE and have the DMC console operator label the reel(s) PRIOR TO A SRAN CHANGE.

2.111.3.3.2. Execute program NGV031.

2.111.3.3.3. Load the base constants with the new SRAN. See section 2C, this chapter for base-constants processing procedures.

2.111.3.3.4. Process an IRUDUMP and have the DMC console operator label the reel(s) AFTER AFSRAN CHANGE.

2.111.3.3.5. Run a R22 Conversion Audit List.

2.111.3.3.6. Reinitialize offline and process report select image RPTEON.

2.111.3.3.7. Initialize beginning-of-day and resume normal operation.

2.111.4. If the option to change the SRAN is executed, consideration should be given to executing Data Reorganization Utility (DRU) so the file can be reorganized.

**2.112. Download Bypass Record Area (NGV032).** This program downloads selected SBSS database records at the end of each secondary database reports processing cycle. Program NGV032 scans the secondary database records, selects records affected by reports processing, and stores selected records for NGV033. **Note:** FOR NGV032 AND NGV033: Since both programs are processed within NGV898C, manual intervention of either of these programs are not authorized.

2.112.1. Special Instructions for NGV032. Program NGV033 is called by program NGV898C as a result of the RPTEON selection image input against the secondary database. Program NGV033 will execute upon successful completion of program NGV032. Database records are retrieved by program NGV032 on the secondary database and modified on the primary database by program NGV033. The following records are downloaded in their entirety:

**Table 2.17. Database Records Downloaded.**

<b>DATABASE RECORDS</b>
302-GLA-CODE
303-A-F-GEN-LEDGER-MGL
304-A-F-GEN-LEDGER-ZBL
305-A-F-GEN-LEDGER-ZGL
306-A-F-GEN-LEDGER-ZOO
307-A-F-GEN-LEDGER-ZTR
308-A-F-GEN-LEDGER-ZCC
309-A-F-SEQUENCE-CONTROL
311-PROJECT-FUNDS-MGMT
312-STOCK-FUND-INV-MGMT

315-A-F-GEN-LEDGER-ACM
322-FUELS-CONSUMPTION
331-A-F-SCRATCH-PAD
332-MACR-GSD-PART2
414-BILLING-DATA
415-ACCTS-RECEIVABLE-NON-AF
416-ACCTS-RECEIVABLE-AF
417-ACCOUNTS-PAYABLE
418-INTERFUND-BILLING
420-FUELS-MANAGEMENT
421-FUELS-SIOATH-CONTRACT
427-FUELS-PRICE-STABILIZATION
507-INV-ADJUSTMENT-CONTROL
512-ARMS-SEQ-CONTROL
513-ARMS-REPORT
516-ORG-COST-CENTER-000-099
518-ORG-COST-CENTER-100-999
520-REPORTS-SEQUENCE-CONTROL

**2.113. Upload Bypass Record Area (NGV033).** This program uploads or modifies to the SBSS primary database those records selected by NGV032 at the end of each secondary report end-of-night (RPTEON). Program NGV033 is called by program NGV898C as a result of the RPTEON selection image input against the secondary database. Program NGV033 will execute upon successful completion of program NGV032.

2.113.1. The following records are MODIFIED by NGV033:

**Table 2.18. Database Records Uploaded.**

<b>DATABASE RECORDS</b>
106-SYSTEM-DESIGNATOR
302-GLA-CODE
303-A-F-GEN-LEDGER-MGL
304-A-F-GEN-LEDGER-ZBL
305-A-F-GEN-LEDGER-ZGL
306-A-F-GEN-LEDGER-ZOO



307-A-F-GEN-LEDGER-ZTR
308-A-F-GEN-LEDGER-ZCC
309-A-F-SEQUENCE-CONTROL
312-STOCK-FUND-INV-MGMT
315-A-F-GEN-LEDGER-ACM
322-FUELS-CONSUMPTION
331-A-F-SCRATCH-PAD
332-MACR-GSD-PART2
414-BILLING-DATA
415-ACCTS-RECEIVABLE-NON-AF
416-ACCTS-RECEIVABLE-AF
417-ACCOUNTS-PAYABLE
418-INTERFUND-BILLING
420-FUELS-MANAGEMENT
421-FUELS-SIOATH-CONTRACT
427-FUELS-PRICE-STABILIZATION
507-INV-ADJUSTMENT-CONTROL
512-INV-ARMS-SEQ-CONTROL
513-ARMS-REPORT
518-ORG-COST-CENTER-100-999
520-REPORTS-SEQUENCE-CONTROL
RECORD ELEMENTS MODIFIED BY NGV033
332-NET-DEMANDS-ACTUAL
332-BOP-91001-OBLIG-DUO-MEMO
332-BOP-91002-OBLIG-DUO-COMM
332-BOP-91003-OBLIG-DUO
332-EOP-91001-OBLIG-DUN-MEMO
332-EOP-91002-OBLIG-DUN-COMM
332-EOP-91003-OBLIG-DUO
507-SECONDARY-COUNTER

518-ISSUES
518-DUO
518-DOR-ON-TIME
518-DELAYED
518-DUN-NOT-AUTHORIZED-STOCK
518-DUN-CANCELLED
520-841-CONSTANTS
520-841-RUN-FLG
520-855-CONSTANTS
520-855-RUN-FLG
520-LAST-EQUIP-REPORT-DATE

2.113.2. Restart for NGV032/NGV033. These two programs are executed within NGV898C. If for any reason NGV032 or NGV033 aborts or error fins, correct the condition and restart NGV898C (RPTEON) from beginning. These programs are used by RPTEON on the secondary database only.

**2.114. New Host/Bare Base Record Loader (NGV040).** Program NGV040 builds and initializes the necessary records required to establish new host/bare base SBSS account. This program checks to ensure the system designator (01) was loaded by program NGV068A then creates and initializes the records listed below. This program will also create specific records required for a new satellite account.

2.114.1. Insert the following images into an ECL runstream, if desired:

2.114.1.1. >10 @RUN NGV040,,XGV0 (X = gang number)

2.114.1.2. >20 @XQT 0GV00000\*GVABSUD001.NGV040

2.114.1.3. >30 1 (Enter primary gang number of 1, 2, 3, or 4.)

2.114.1.4. >40 @FIN

2.114.2. A report will be produced listing the records created. The run-ID will be NGV040. To restart, process the following steps (x equals your primary gang):

2.114.2.1. @START 0GV0<ALN>\*DBRUN\$.INIT/GV-x

2.114.2.2. @QUAL XGV0 X=GANG #

2.114.2.3. @0GV00000\*GVABSUD001.NGV068B,PCT

2.114.2.4. Reprocess NGV040

2.114.2.5. REPROCESS NGV068B,PCT

2.114.3. Special Instructions. Program NGV068B must be processed prior to executing NGV040. The following records are created by NGV040:

**Table 2.19. Database Records Created By NGV040.**

<b>DATABASE RECORDS</b>
002-SPECIAL-CONTROL
012-QUANTITY-UNIT-PACK-CONV
016-INV-ACCR-HEADER
018-REJECT-CLEAR-HEADER
020-REVERSE-POST-SAVE
026-FILES-MAINTENANCE-CONTROL
111-ONLINE-MGMT **
308-A-F-GEN-LEDGER-ZCC **
309-A-F-SEQUENCE-CONTROL
331-A-F-SCRATCH-PAD
414-BILLING-DATA
507-INV-ADJUSTMENT-CONTROL
510-SAMPLE-INVENTORY-SUSPENSE
512-ARMS-SEQ-CONTROL
520-REPORTS-SEQUENCE-CONTROL
902-PSEUDO-CONTROL-1
903-PSEUDO-TRANS-1
904-PSEUDO-TRANS-LONG-1
905-PSEUDO-CONTROL-2
906-PSEUDO-TRANS-2
907-PSEUDO-TRANS-LONG-2
908-PSEUDO-CONTROL-3
909-PSEUDO-TRANS-3
910-PSEUDO-TRANS-LONG-3
** This record is also created for a new satellite when it is loaded to a gaining SBSS account.

**2.115. Consolidated Transaction History Record Download (UTL041/NGV041).** This program downloads and/or deletes CTH records and writes them to magnetic tape. Download may be for a single date or a range of dates.

2.115.1. Program Logic. The program:

2.115.1.1. Edits the input to determine if the date or dates are valid. An error or reject occurs if the dates are invalid. Processing ends when this condition occurs. The start date must equal the purge date, which is the oldest date on file, except when a specific system designator is downloaded or the bypass option is used.

2.115.1.2. Writes consolidated transaction history records, by date, to magnetic tape as they are fetched. If user leaves position 54 blank, selected records will be deleted.

2.115.1.3. Stores the oldest transaction date remaining on the database in the 711 record.

2.115.1.4. Produces a summary report.

## 2.115.2. Special Instructions.

2.115.2.1. Primary/Secondary. Secondary.

2.115.2.2. IRU Dump. Dump the CT-OWNR, CT-HIST and CT-CTRL areas of the database for the applicable gang number before starting this program. This IRU dump tape is for recovery purposes.

2.115.2.3. Restart Procedures. Reload the IRU dump taken, research error, and restart program from beginning. The dump does not have to be reloaded if bypass option is being used.

## 2.115.3. Input. Report Select Format.

**Table 2.20. Report Select Format.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	UTL
4-6	3	Select Code	041
7-29	23	Title	HISTORY RECORD DOWNLOAD
30-34	5	Blank	
35-41	7	Start Date (YYYYDDD)	Note 1
42	1	Blank	
43-49	7	End Date (YYYYDDD)	Note 2
50	1	Blank	
51-52	2	System Designator/Blank	Note 3
53	1	Blank	
54	1	B, R, or Blank	Note 4
55-80	26	Blank	
<b>Note:</b>			

1. Must contain a valid ordinal date. Format for ordinal date is YYYYDDD (for example, 1997001 for 1 Jan 1997). If position 54 is blank, the ordinal date used must equal the 711-PURGE-DATE.
2. Must contain a valid ordinal date. The difference between the start date and end date cannot be greater than 31 calendar days.
3. If position 54 contains a B or R, then a specific system designator may be input, or leave blank for all system designators. If position 54 is blank, the system designator must be blank.
4. Enter a B to bypass deleting the CTH records. Enter an R if rehome option is being used. When the R option is used, a specific system designator must be in positions 51-52. Records are deleted by the selected system designator.

#### 2.115.4. Output.

##### 2.115.4.1. Printer. Download summary:

**Figure 2.1. UTL041/Consolidated History Download.**

06 MAY 96 GUNTER AFB AL 9034 01 CONSOLIDATED HISTORY DOWNLOAD				
UTL041 NGV041				
01	A1	A3	TOTALS	
-----				
95300	1688	1004	900	3592
95303	2440	530	829	3799
95304	1803	1388	1127	4318
95305	1080	1373	1432	3885
95306	2014	1512	875	4401
95307	1048	1009	1107	3164
95310	1548	259	925	2732
95311	1298	1046	1285	3629
95312	1382	958	823	3163
95313	2094	1382	1154	4630
95314	1449	164	648	2261
95318	1871	1605	1125	4601
95319	1001	1062	714	2777
95320	1855	1868	1621	5344
95321	558	530	652	1740
95324	1019	26	512	1557
95325	1111	979	496	2586
95326	922	581	502	2005
-----				
GRAND TOTAL			60184	

2.115.4.2. Tape Drive. Consolidated Transaction History Tape; tape identification number: #GV0<ALN>\*GV041Utyydd. (# equals gang number, <ALN> equals the ALN,

and yyddd equals the end date used in the program select format). This tape may be read by the M19/NGV777 to print a Consolidated Transaction Register if needed.

**2.116. Consolidated Transaction History Verification Report (UTL042/NGV042).** This program verifies (counts) the number of consolidated history records on the database. Verification may be for a single date, range of dates, or all dates.

2.116.1. Program Logic. The program:

2.116.1.1. Edits the input to determine if the date or dates are valid. An error or reject occurs if the dates are invalid. Processing ends when this condition occurs.

2.116.1.2. If the counts are different, a discrepancy entry appears in part 1 of the Verification Report.

2.116.1.3. If the counts are the same, the dates and record counts appear in part 2 of the Verification Report. Part 2 also prints the total of records by month and a grand total of all transactions.

2.116.2. Special Instructions.

2.116.2.1. Primary/Secondary. Secondary.

2.116.2.2. Restart Procedures. Restart program from beginning.

2.116.3. Input. Report Select Format.

**Table 2.21. Report Select Format.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	UTL
4-6	3	Select Code	042
7-27	21	Title	HISTORY RECORD VERIFY
28-34	5	Blank	
35-41	7	From Date (YYYYDDD)	Note 1
42-48	7	To Date (YYYYDDD)	Note 2
49-51	3	ALL (Constant)	Note 3
52-80	33	Blank	
<b>Notes:</b> 1. Enter the first date where the verification begins. 2. Enter the last date where the verification will end. If verifying one day only, enter the date in the FROM DATE field and leave the TO DATE field blank.			

3. Enter ALL when verifying all the records on the database. When selecting this option, leave the FROM and TO DATE fields blank.

2.116.4. Output.

2.116.4.1. Printer. Verification Report:

**Figure 2.2. UTL042/Consolidated History Verification Report.**

06 MAY 96 GUNTER AFB 9034 01 CONSOLIDATED HISTORY VERIFICATION REPORT (UTL042)	
PART 2: TOTAL CONSOLIDATED TRANSACTION HISTORY RECORD COUNTS FOR REQUESTED DATES	
REQUESTED DATES CT-HISTORY COUNTS	
-----	
-----JAN-----	
94021	1000
94022	2000
94023	3000
94024	4000
94025	3000
94026	2000
94027	1000
-----	
TOTAL	16000
PART 2: TOTAL CONSOLIDATED TRANSACTION HISTORY RECORD COUNTS FOR REQUESTED DATES	
TOTAL CT-HISTORY RECORD COUNTS FROM REQUESTED DATES: 16000	

**2.117. Consolidated Transaction History Record Upload (UTL043/NGV043).** This program reads magnetic tapes created by program NGV041, Consolidated Transaction History Download. The program loads transaction history records from the magnetic tapes to the CTH database.

2.117.1. Program Logic. The program:

2.117.1.1. Edits the input to determine if the date or dates are valid. An error or reject occurs if the dates are invalid. Processing ends when this condition occurs.

2.117.1.2. Writes consolidated transaction history records from the magnetic tape to the consolidated transaction history area.

2.117.1.3. Produces a summary report.

2.117.2. Special Instructions

2.117.2.1. Primary/Secondary. Secondary

2.117.2.2. IRU Dump. Dump the CT-OWNR, CT-HIST and CT-CTRL areas of the database for the applicable gang number before starting this program. This IRU dump tape is for recovery purposes.

2.117.2.3. Restart Procedures. Reload the IRU dump taken, research error, and restart program from beginning.

2.117.3. Input. Report Select Format.

**Table 2.22. Report Select Format.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code	UTL
4-6	3	Select Code	043
7-25	19	Title	HISTORY RECORD LOAD
26-80	30	Blank	

2.117.3.1. Report Parameter Formats

2.117.3.1.1. Parameter 1.

**Table 2.23. Parameter Format.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1		Constant	2
2-3		Blank	
4-37	34	Reel Numbers	Note 1
38		Blank	
39-45		Beginning Date (YYYYDDD)	Note 2
46-52		Ending Date (YYYYDDD)	Note 3
<b>Note:</b> <b>1.</b> Enter the input tape reel numbers and separate them with a slash (/). Five reel numbers are the maximum authorized during a single run. <b>2.</b> Enter the seven-position beginning date for the records from the input tape(s).			



3. Enter the seven-position ending date for the records from the input tape(s).

2.117.3.1.2. Parameter 2.

**Table 2.24. Parameter Format.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Type Load Indicator	Note
4-33	30	System Designator Selection	

**Note:**

To load all system designators, enter ALL in positions 1-3 and leave 4-33 blank. To exclude specific system designators from the load, enter X in position 1 and leave positions 2-3 blank. Enter the specific system designators to be excluded in positions 4-33. To load specific system designators, leave positions 1-3 blank and enter the desired system designators in positions 4-33. For rehome option, enter an R in position 1 and enter change from system designator in positions 4-5 and change to system designator in positions 6-7.

2.117.4. Output.

2.117.4.1. Printer. Upload summary:

**Figure 2.3. UTL043/Consolidated History Upload.**

06 MAY 96 GUNTER AFB AL 9034 01 CONSOLIDATED HISTORY UPLOAD UTL 043 NGV043				
	01	A1	A3	TOTALS
-----				
95300	1688	1004	900	3592
95303	2440	530	829	3799
95304	1803	1388	1127	4318
95305	1080	1373	1432	3885
95306	2014	1512	875	4401
95307	1048	1009	1107	3164
95310	1548	259	925	2732
95311	1298	1046	1285	3629
95312	1382	958	823	3163
95313	2094	1382	1154	4630
95314	1449	164	648	2261
95318	1871	1605	1125	4601
95319	1001	1062	714	2777
95320	1855	1868	1621	5344
95321	558	530	652	1740
95324	1019	26	512	1557
95325	1111	979	496	2586
95326	922	581	502	2005
-----				
GRAND TOTAL				60184

**2.118. Document-Nbr Cleanup (NGV061).** This program deletes DOCUMENT-NBR records that are owners of an empty set. It reads and edits the select images and scans DOCUMENT-NBR area sequentially for DOCUMENT-NBR records. If the DOCUMENT-NBR record does not have any members in a given set, the DOCUMENT-NBR record is deleted.

2.118.1. Format.

2.118.1.1. Input Select Format.

**Table 2.25. Input Select Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3 AN	Transaction Identification Code	1XT
4-6	3 N	Program Select Number	061
7		Blank	

8-10	3 N	Constant	103
11		Blank	
12-19	8 A	Constant	Document
20		Blank	
21-27	7 A	Constant	Cleanup

2.118.2. Special Instructions for NGV061. Restart is from beginning. NGV061 must be processed on the primary database and a database dump should be processed after completion of run.

**2.119. Rehome Cleanup (NGV070).** Program NGV070 will delete from the database item, detail, in-use, repair cycle and support records (except organizational cost center records) that match the system designator(s) entered in the NGV070 select input.

2.119.1. The ITMDTL-AREA is scanned for item records whose system designator matches the NGV070 select input system designator. Item records selected are deleted along with their associated detail records.

2.119.2. Once the scan for item records is complete, the following records with a matching input system designator are modified or deleted from the database:

2.119.2.1. Record 510 / SAMPLE-INVENTORY-SUSPENSE

2.119.2.2. Record 512 / ARMS-SEQ-CONTROL

2.119.2.3. Record 513 / ARM-REPORT

2.119.3. The SYSTEM-DESIGNATOR record and its subordinate records are deleted.

2.119.4. Format for NGV070.

2.119.4.1. Input Select Format.

**Table 2.26. Input Select Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3 A	Transaction Identification Code	UTL
4-6	3 A	Program Select Image	YYY
7-9	3 N	Program Number	070
10-15	6 AN	Constant	Rehome
16	1	Blank	
17-24	8 AN	Constant	Clean Up
25-31	7	Blank	
32-33	2 AN	System Designator	

34-71	38	Blank	
72	1	Record Delete Option	Note
73-80	8	Blank	
<b>Note:</b> Processing NGV070 with position 72 of the select image blank will delete all records attached to the system designator that was rehomed with the exception of the 106 and 312 records belonging to the rehomed account. Processing this option allows for M18 processing against the rehomed account until END OF FISCAL YEAR. Enter a D in position 72 when all records are to be deleted for the rehomed system designator including 106 and 312 records.			

2.119.5. Special Instructions for NGV070. Program NGV070 must be processed on the primary database after the RPTEON has been completed on the secondary and prior to completing RPTRUN (crossover to secondary). Ensure that a safety dump is taken prior to and after NGV070 is processed in the event a recovery is required. Program NGV028 must process (to output the two download tape copies) prior to running NGV070. Program NGV403 (ISG Cleanup) must process after NGV070 and prior to inline processing. Program NGV068 must be processed to remove (from the 001-BASE-CONSTANTS-1 record) those system designators being rehomed prior to the NGV070 run. Replace system designator back after NGV070 is complete if position 72 is blank.

**2.120. Munitions Cleanup (NGV075).** When munitions records are downloaded by NGV028, the accountability is transferred and validated on the new system. This program deletes the munitions records in the system designator specified in the select image. The item and detail areas are scanned for the item record with a system designator that matches the selection and has a 101-TYPE-SRAN (Type Account Code) of K. Only records with type account code K are deleted.

2.120.1. Format for NGV075.

2.120.1.1. Input Select Format.

**Table 2.27. Input Select Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	UTL
4-6	3	Program Select Code	YYY
7-9	3	Program Identifier	075
10	1	Blank	
11-27	16	Title	Munitions Delete
28-33	6	Blank	
34-35	2	System Designator	Note
36-80	34	Blank	

**Note:**

Must be a valid system designator.

2.120.2. Special Instructions for NGV075. Program NGV075 must be processed on the primary database after RPTRUN (crossover), after RPTEON on the secondary, and prior to BOD on the primary. An IRUDUMP is mandatory, prior to and after execution of NGV075.

2.120.2.1. Dump database prior to execution of this program.

2.120.2.2. If the selected system designator is a satellite, and this satellite is munitions only, program NGV068A (base constants) must be processed after program NGV075 with that satellite's data removed.

2.120.2.3. Restart. Reload IRUDUMP prior to execution and process from beginning.

**2.121. Fuels Rehoming Download (NGV077).** Program NGV077 copies to disk selected fuels item records, detail records, in-use detail records, repair cycle records, and support records to disk, for load with program NGV079, Fuels Rehoming Upload. **CAUTION:** This program must be run as directed by the user's MAJCOM, and only run as a part of a plan which addresses the specific database conversion or application to be accomplished. Additionally, the rehoming process affects non-SBSS systems. Coordinate with the losing/gaining accounting and finance offices' standard materiel accounting system (SMAS) monitor to ensure an integrated transition.

2.121.1. Program Logic. The ITMDTL-AREA of the SBSS database is scanned for item records with type account code 'P'. Item records are checked for system designator equal to the system designator in the parameter image.

2.121.1.1. If an equal condition exists, the item record and all of its subordinate detail records, repair cycle records, and in-use detail records are written to disk.

2.121.1.2. After the scan for item records has been completed, the system designator record is read for the system designator in the parameter input and the subordinate fuels records that reside in the FUELS-AREA, inventory accuracy records, and routing identifier records, are written to disk.

2.121.1.3. Modifications to the item records and detail records are made based on parameter input prior to writing the records to disk.

2.121.1.4. Program NGV077 will create a diskfile.

2.121.1.4.1. Output diskfile - 0GVXXXX\*GV077UT002SD. Where XXXX = ALN and SD = losing base system designator from parameter input card columns 12-13.

2.121.2. Format for NGV077. A STOP image is required after the parameter input.

2.121.2.1. Input Select Image.

**Table 2.28. Input Select Image.**

	<b>NO</b>		
<b>POS</b>	<b>POS</b>	<b>FIELD DESCRIPTION</b>	<b>REMARKS/NOTES</b>
1-3	3	Transaction Identification Code	UTL

4-6	3	Program Select Code	YYY
7-9	3	Program Identifier	077
10	1	Blank	
11-16	6	Constant	REHOME (Note 1)
17	1	Blank	
18-60	43	Run Information	Note 2
61-80	20	Blank	

**Note:**

1. Enter the constant REHOME in positions 11-16.
2. Positions 18-60 are for information only. EXAMPLE: FUELS REHOME SD A2 RENO ANG TO SD A5 Pope AFB.

## 2.121.2.2. Parameter Image(s) Format.

**Table 2.29. Parameter Image(s) Format.**

	<b>NO</b>		
<b>POS</b>	<b>POS</b>	<b>FIELD DESCRIPTION</b>	<b>REMARKS/NOTES</b>
1-9	9	Image Identifier	Parameter
10-11	2	Blank	
12-15	4	Selection/Conversion Parameters	
12-13	2	SD Losing Fuels Account	Note 1
14-15	2	SD Gaining Fuels Account, or same as 12-13	Note 2
16-80	65	Blank	

**Note:**

1. This field cannot be blank. Positions 12-13 must contain the Rehome From (Losing) System Designator. EXAMPLE: If fuel records containing system designator A1 are to be selected, positions 12-13 would be A1.
2. This field cannot be blank. Positions 14-15 must contain the Rehome To (Gaining) System Designator. When selected records are not to be changed, entry is the same as positions 12-13.

2.121.3. Special Instructions for NGV077. Program NGV077 must be processed on the Primary Database after RPTRUN (crossover) after RPTEON has been processed on the Secondary and before RPTEON on the Primary.

2.121.4. Restart Procedures. Rerun the job from the beginning.

2.121.5. Parameter Image Edits.

**Table 2.30. Parameter Image Edits.**

POS	EDIT CHECKS
1-9	Must contain the constant: PARAMETER
12	Must contain an alpha or numeric character
13	Must contain a numeric character
14	Must contain an alpha or numeric character
15	Must contain a numeric character

**2.122. Fuels Cleanup (NGV078).** When fuels records are downloaded by NGV077, the accountability is transferred and validated on the new system. This program deletes the fuels records in the system designator specified in the select image. The item and detail areas are scanned for the item record with a system designator that matches the selection and has a 101-TYPE-SRAN (type account code) of P. Only records with type account code equal to 'P' are deleted.

2.122.1. Format for NGV078.

2.122.1.1. Input Select Format.

**Table 2.31. Input Select Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	UTL
4-6	3	Program Select Code	YYY
7-9	3	Program Identifier	078
10	1	Blank	
11-22	12	Title	Fuels Delete
23-33	11	Blank	
34-35	2	System Designator	Note
36-80	44	Blank	
<b>Note:</b>			
Must be the losing system designator from the NGV077 that was processed.			

2.122.2. Special Instructions for NGV078. An IRUDUMP is mandatory prior to and after execution of NGV078. Program NGV078 must be processed on the primary database after RPTRUN (crossover), after RPTEON on the secondary, and prior to RPTEON on the primary.

2.122.2.1. Dump the database prior to execution of this program.

2.122.2.2. Restart. Reload IRUDUMP prior to execution and process from beginning.

**2.123. Fuels Rehoming Upload (NGV079).** NGV079 loads selected fuels records to the SBSS database from the rehoming diskfile generated by program NGV077. A printout will be produced indicating the number of records loaded and any reject notices that may be generated.

2.123.1. Utilizing diskfiles previously generated by program NGV077, Fuels Rehoming Download:

2.123.1.1. The program reads diskfile records sequentially.

2.123.1.2. Validates the system designator being loaded.

2.123.1.3. Basic records (item records, detail records, repair cycle records) are added to the database, followed by support records.

2.123.1.4. Common item record elements are copied (from an item record already loaded) onto an item record being added (same stock number, different system designator); that is, unit of issue, unit price, routing identifier code, ERRCD, quantity unit pack code, ISG subgroup code, controlled item code, nomenclature, national motor freight classification code, freight rate designator, type cargo code, budget code, interchangeable subgroup number, and interchangeable code. The unit price is not copied if the routing identifier code is JB(x).

2.123.1.5. When the last item record has been processed, the add detail routine is called in to load and relate details.

2.123.1.6. The support records from the losing CSB are loaded.

2.123.2. Format for NGV079.

2.123.2.1. Input Select Format.

**Table 2.32. Input Select Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	UTL
4-6	3	Report Select Code	YYY
7-9	3	Program Identifier	079
10	1	Blank	
11-16	6	Constant	REHOME (Note 1)
17	1	Blank	
18-77	60	Run Information	Note 2
78	1	Blank	
79-80	2	Gaining Base System Designator	Note 3
<b>Note:</b>			
1. Enter the constant 'REHOME' in positions 11 - 16.			



2. Positions 18-77 are for information only. EXAMPLE: FUELS REHOME UPLOAD SD A5 FROM SD A2 RENO ANG.

3. Enter the system designator you are loading records to.

2.123.3. Special Instructions for NGV079. An IRUDUMP is mandatory prior to and after execution of NGV079. Program NGV079 must be run on the primary database after RPTRUN (crossover) and after RPTEON on the secondary and prior to RPTEON on the primary. See AFMAN 23-122, Sec 1C, Satellite Operations for Gaining Base rehome instructions for NGV079.

2.123.4. Restart Procedures. If aborted for any reason, the database must be restored to the point prior to running NGV079 and program NGV079 must be restarted. If this is a satellite-to-satellite rehome, or host-to-satellite rehome, reload the database dump prior to starting NGV079. If this is a satellite-to-new host rehome, or host-to-host rehome initialize database and replay new host base procedures starting with program NGV068B.

**2.124. Mainframe To PC File Transfer (NGV293).** This program transfers images from a mainframe data file to a PC TIP page for subsequent downloading to a file on the PC. If the TIP page is a UTS40 or other non-PC type terminal, the images will simply scroll across the screen. The program information below is still fairly accurate, however, most of the hardware and emulation software mentioned below have been deleted. They have been replaced with newer Y2K-approved PCs with modern operating systems using Base Network Control Center (BNCC) approved software emulation tools.

2.124.1. This program may be processed from any demand terminal attached to the SBLC/RPC system, but it is designed to transfer images to a PC. The input command line is read and edited for options, data filename for transfer, and output PID number. If all edits pass, the images are passed to the TIP terminal PID and transferred to the terminal's hard drive (PCs only) or scroll on the terminal screen. After the file is transferred, a notice is output with the image counts and end-of-job message.

2.124.2. At any SBSS terminal, in demand mode, key-in: @NGV293,options  
qualifier\*filename, send-to-PID **Note:** Online help is available by keying in the command  
line without the PID number.

**Table 2.33. Option Validation Table.**

Option	L	S	Z
Option L Allowed		Yes	Yes
Option S Allowed	Yes		No
Option Z Allowed	Yes	No	
FileName Required	Yes	Yes	Yes
Send-TN-PID Required	Yes	Yes	Yes

2.124.2.1. Option Definitions for older ADPE:

2.124.2.1.1. L - The images to be sent are greater than 80 characters in length.

2.124.2.1.2. S - The images are to be sent to a personal computer (PC) with the STEP emulator. This option is not allowed with the Z option.

2.124.2.1.3. Z - The images are to be sent to a PC with the CHI emulator. This option is not allowed with the S option.

2.124.3. Special Instructions for NGV293. Recording images using:

2.124.3.1. Outdated Sperry PC and/or STEP Emulator:

2.124.3.1.1. Bring up the Control Page on the TIP page of the receiving terminal.

2.124.3.1.2. Place the name of the PC file (send to file) in the RCVFILE field.

2.124.3.1.3. Place 0D in the SEPARATOR field.

2.124.3.1.4. Place EOF in the EOF field.

2.124.3.1.5. Initiate the file transfer from a demand terminal. Once the transfer has started, the images will scroll across the TIP page. The termination message will be:

2.124.3.1.5.1. \*\* SUPPLY MTPC xxxxxx IMAGES QUEUED \*\* (xxxxxx = nbr rcds)

2.124.3.1.6. The transfer process is complete. The images will be in the PC file entered in the Control Page of the TIP terminal.

2.124.3.2. Outdated Zenith Z-248 PC and/or Chi Sperry/UTS (CHI) Emulator:

2.124.3.2.1. Bring up the Control Page on the TIP page of the receiving terminal (PAGE UP Key).

2.124.3.2.2. Key-in the following command: MRECORD filename EXAMPLE: To place the images into the PC file: TEST.DAT, key-in: MRECORD TEST.DAT

2.124.3.2.3. Initiate the file transfer from a demand terminal. Once the transfer has started, the images will scroll across the TIP page. Wait until termination message is displayed upon the screen before going on to step 4. The termination message will be:

2.124.3.2.3.1. \*\* SUPPLY MTPC xxxxxx IMAGES QUEUED \*\* (xxxxxx = nbr rcds)

2.124.3.2.4. Bring up the Control Page on the TIP page. (PAGE UP Key)

2.124.3.2.5. Key-in: CLOSE

2.124.3.2.6. The transfer process is complete. The images will be in the PC file entered in the Control Page of the TIP terminal.

2.124.4. Management Notices.

2.124.4.1. OVER 650 TIP MESSAGES QUEUED, PROCESS SUSPENDED AT RCD XXXXX

2.124.4.1.1. Action: Informs the user the program is waiting for the number of messages queued to TIP to decrease. This prevents the Message Control Bank (MCB) from aborting due to an excessive number of queued TIP messages. When the number of TIP messages decreases to a safe level, the program will continue on its own.

#### 2.124.4.2. LESS THAN 650 MESSAGES QUEUED, PROCESSING RESUMED

2.124.4.2.1. Action: Self-explanatory. See above message.

#### 2.124.4.3. \*\* SUPPLY MTPC xxxxxx IMAGES QUEUED \*\*

2.124.4.3.1. Action: This is the end-of-job notice sent to the demand terminal that initiated the NGV293 transfer. The xxxxxx is the number of images sent to the TIP terminal.

#### 2.124.4.4. \*\* SUPPLY MTPC xxxxxx IMAGES SENT \*\*

2.124.4.4.1. Action: This is the end-of-job notice sent to the TIP terminal. This is also the last image in the file sent to the PC. The xxxxxx is in the file sent to the PC. The xxxxxx is the number of images sent to the TIP terminal.

#### 2.124.4.5. EITHER IT'S A SPERRY OR A ZENITH (outdated ADPE), DON'T USE BOTH THE S AND Z OPTIONS!

2.124.4.5.1. Action: This message informs the user of an error. You may use only the applicable option for the terminal you are sending to. Choose the right one and continue.

#### 2.124.4.6. INPUT FILENAME COULD NOT BE ASSIGNED

2.124.4.6.1. Action: The qualifier\*filename on the command could not be assigned. This could be caused by any of the following conditions. The file is either not cataloged, assigned to another run, disabled, or rolled out. Take appropriate corrective action and reinput the command line.

#### 2.124.4.7. INPUT FILENAME MUST END WITH A PERIOD!

2.124.4.7.1. Action: Reinput the command line with the period after the qualifier\*filename.

#### 2.124.4.8. OVER 700 ITEMS ARE CURRENTLY QUEUED - RETRY WHEN QUEUE HAS BEEN REDUCED

2.124.4.8.1. Action: Although the program will probably run, you should terminate the run (@@X TIO). Try again when the queue count is less. Use \$QOUT to determine the number of queue items.

#### 2.124.4.9. 4-POSITION OUTPUT PID MUST BE PROVIDED! YOU ENTERED xxxxx

2.124.4.9.1. Action: Reinput the command with the proper PID number.

### 2.125. DELETED

2.125.1. DELETED

2.125.2. DELETED

2.125.2.1. DELETED

2.125.2.2. DELETED

2.125.2.3. DELETED

2.125.3. DELETED

2.125.4. DELETED

2.125.4.1. DELETED

2.125.5. DELETED

2.125.5.1. DELETED

2.125.6. DELETED

2.125.6.1. DELETED

## **2.126. DELETED**

2.126.1. DELETED

2.126.2. DELETED

2.126.2.1. DELETED

2.126.2.1.1. DELETED

2.126.2.1.2. DELETED

2.126.2.1.3. DELETED

2.126.2.1.4. DELETED

2.126.2.2. DELETED

2.126.2.3. DELETED

2.126.3. DELETED

2.126.3.1. DELETED

2.126.3.2. DELETED

2.126.4. DELETED

2.126.4.1. DELETED

2.126.5. DELETED

**2.127. Create Consolidated Transaction History Control Record (NGV225).** NGV225 is used to create CT-HISTORY-CONTROL and CT-SUPPORT records whenever the Consolidated Transaction History (CTH) database is established. Each primary gang supporting the system requires a CT-HISTORY-CONTROL and CT-SUPPORT record. This program will catalog, register, reserve, and initialize with DMU. Depending on how large your CTH database areas are sized will depend on how long this process takes.

2.127.1. The program is executed from a demand terminal using the following statement:  
@ADD GV\$0000\*GVECLUD001.NGV225R

2.127.1.1. The program prompts for a gang number equal to 1-4. A message displays when an invalid gang number is entered, and the system will again prompt the user for a valid gang number.

2.127.1.2. The program prompts for the number of database pages reserved in the SBSS schema for the CT-HISTORY records, once a valid gang number is entered. Enter six

numeric characters (other than zeros) equaling the number of pages reserved for the CT-HISTORY records. Left justify the numeric entry with zeroes (for example: 20,000 entered as 020000). After an invalid entry, a message prompts for the number of pages.

2.127.1.3. The user enters all the correct data and the program establishes the CONTROL-HISTORY-CONTROL and CT-SUPPORT records. If the CTH system is required on more than one gang you must process NGV225R for each gang.

2.127.2. Special Instructions for NGV225R. This program must be processed on the primary CTH database.

2.127.2.1. If the size of the area for the CTH System changes, do the following:

2.127.2.1.1. Download the consolidated transaction history records for each gang using program NGV041, Consolidated Transaction History Download. (See this chapter for the CTH Download program.)

2.127.2.1.2. Resize the CTH database. (See **Ch 3** for SBSS Sizing Procedures.) Ensure you follow all procedures such as IRU dumps, EXEC dumps, etc., before continuing with these steps.

2.127.2.1.3. Process program NGV225 to reestablish the gang numbers supported and to reserve database pages with new sizing figures.

2.127.2.1.4. Reload the CTH records for each gang using program NGV043, Consolidated Transaction History Record Load. The records must be reloaded in sequence with the oldest date loaded first. (See this chapter for the CTH Record Load program.) Restart from beginning.

## **2.128. Depot Maintenance and Accounting Production System (DMAPS) Initialization Utility (NGV302).**

2.128.1. Program NGV302 applies only to AFMC Air Logistics Complex bases (Hill, Tinker, and Robins) and satellite system designator A1 from Kadena. These bases contain organization records that are considered DMAPS organization codes. They are identified by the fund code (6L, 6M, or 6Z). Program NGV302 will scan 205 records for due-outs with a fund code as stated above and will create a file to be sent through SIFS to DMAPS. The program will also scan 201, 205 and CTH records for records that meet the organization criteria. It will then select item record information for cataloging purposes to be used by DMAPS. This file will also be sent through SIFS to DMAPS.

2.128.2. Frequency. As required.

2.128.3. Select Image Input Format.

**Table 2.34. Select Image Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-6	6	Transaction Identification Code/Program Identifier	UTL302

7	1	Blank	
8-35	28	Report Title	DMAPS INITIALIZATION UTILITY
36-80	45	Blank	

2.128.4. Special Instructions for NGV302. Process on the primary database in UTL or RPTS mode.

2.128.5. Output Instructions for NGV302: Output files will be sent through SIFS.

**2.129. Consolidated Transaction History Document Control Process (NGV783).** This process provides an interface between the SBLC and the personal computer (PC) for selecting and transmitting document control and Consolidated Transaction History (CTH) records. To delete or update document control record (DCR), delete delinquent source records, and update CTH records.

2.129.1. Program NGV783 accepts the interface parameter from the PC and does one of the following applications:

2.129.1.1. If the user asks for Request DFC, the program reads the document control records, sorts selected records on the transaction date and serial number, the 14 positions of the document number or the last 8 positions of the document number, and transmits selected records to the PC.

2.129.1.2. If the user asks for Requests Fun#/OPR, the program reads the document control records, sorts selected records on the 14 positions of the document number, and transmits selected records to the PC.

2.129.2. Program NGV783 accepts the interface parameter from the PC and one of the following transmittal actions takes place:

2.129.2.1. When the user transmits the DFC Work File to the standard base-level computer (SBLC), the program updates and changes the document control records. If clearing a document control record, the program deletes the document control record and delinquent source document, and updates the document control card (DCC)-CLEARED flag on the CTH record. If updating a document control record, the program makes updates only to the document control record.

2.129.2.2. When a user transmits the Function #/OPR Work File to the SBLC, the program updates the document control record's OPR and/or function number, as applicable.

2.129.3. When a user transmits the DFC Work File or the Function #/OPR Work File, only the changed records update the SBLC. This program writes all document control record (DCR) changes to the DCR Change File (xGV0xxxx\*GV783DCC., # equal gang number, xxxx equals ALN if ALN is turned on; otherwise, this will be the DMC number). The DCR Change File, using program NGV288, allows the recovery of CTH and document control record updates in the event of a system failure.

2.129.4. Personal Computer/SBLC Interface (NGVP263). Program NGVP263, Personal Computer/1100 Interface, allows the personal computer to communicate with the SBLC. Program NGVP263 does the following:

- 2.129.4.1. Registers PC with the SBLC.
- 2.129.4.2. Edits the return code.
- 2.129.4.3. Sends data to the SBLC.
- 2.129.4.4. Receives data from the SBLC.
- 2.129.4.5. Deregisters PC with the SBLC.

2.129.5. Screen Position Check (NGVP265). Program NGVP265 determines the type of PC being used and checks the position of the cursor on the screen to determine if screen transmission is required.

2.129.6. Wait Routine (NGVP266). Program NGVP266 determines the control transfer rate between the PC and the SBLC. The control transfer rate is the number of seconds for each pause in the sign-on procedures.

2.129.7. Log on to the SBLC (NGVP267). Program NGVP267 automatically signs on a PC user to the SBLC and does the following:

- 2.129.7.1. Reads the CTHECL.DAT file.
- 2.129.7.2. Calls program NGVP266.
- 2.129.7.3. Calls program NGVP263, which passes CTHECL.DAT file images to the SBLC, which then generates the sign-on commands.
- 2.129.7.4. Returns management/reject messages to the calling program.

2.129.8. Log off the SBLC (NGVP269). Program NGVP269 automatically signs a PC user off the SBLC and does the following:

- 2.129.8.1. Calls program NGVP266.
- 2.129.8.2. Calls program NGVP263.
- 2.129.8.3. Passes @FIN and \$\$CLOSE commands to program NGVP263 which passes the commands to the SBLC.

2.129.9. Generates management/reject notices.

2.129.10. Special Instructions for NGV783. This program is processed on primary system. All error messages return to the PC and display on the operator's console. Restart Procedures: If a transmission error occurs, the message TRANSMISSION ERROR displays on the PC. Reprocess the original request. If error reoccurs, contact the AFMC SCM-R Information Technology Activity for assistance.

- 2.129.10.1. References. **Ch 14.**
- 2.129.10.2. Input. Interface from PC.
- 2.129.10.3. Output. Interface to PC.
- 2.129.10.4. Management/Reject Notices. PC management and reject notices are listed in AFH 23-123, Vol 2, Pt 2, Ch 7.

## **2.130. Reject/Management Phrase Load Images.**

2.130.1. Purpose. To explain various rejects that application programs may encounter during processing when images are loaded to the SBSS database.

2.130.2. Reject/Management Phrase Load Image.

**Table 2.35. Reject/Management Phrase Load Image.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	REJ or MGT
4-7	4	REJ/MGT Number	0000 - 0999
8-76	69	REJ/MGT Phrase Message	Note 1
77	1	Reject Action Flag	Note 2
78	1	Data Location Flag	Note 2
79-80	2	Image Hash Total	AFMC SCM-R Information Technology Activity use only
<b>Notes:</b> 1. REJ/MGT phrase messages are limited to 49 character positions if sent to the AFMC SCM-R Information Technology Activity /main console printer during end-of-day. 2. May be blank or contain an authorized flag in <b>Para. 2.131.</b> and <b>Para. 2.132.</b>			

### 2.131. Type Transaction Phrase Load Image.

**Table 2.36. Type Transaction Phrase Load Image.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	TPH
4	1	Blank	
5	1 N	MSC of TTPC	1 - 9
6	1 A	LSC of TTPC	A - Z
7-9	3	Blank	
10-23	14	Abbreviation of Phrase	Note 1
24-80	57	Blank	
<b>Note:</b> AFH 23-123, Vol 1, Ch 2, lists the current type transaction phrase codes and abbreviated phrases.			

### 2.132. Location Flags.



2.132.1. Purpose. To identify which record area's supplementary print lines are to be printed from rejects. When these flags are used, only the first 80 positions will be printed or typed.

2.132.2. Data Location Flags.

**Table 2.37. Data Location Flags.**

	ASCII		
BINARY	OCTAL	ASCII	
BITS	VALUE	SYMBOL	PRINT FROM
1	135	]	CSCOM-RECORD-AREA 1
2	055	-	CSCOM-RECORD-AREA 2
4	061	1	CSCOM-RECORD-AREA 3
8	065	5	CSCOM-RECORD-AREA 4
1-2	060	0	CSCOM-RECORD-AREA 1 and 2
1-4	062	2	CSCOM-RECORD-AREA 1 and 3
1-8	066	6	CSCOM-RECORD-AREA 1 and 4
2-4	063	3	CSCOM-RECORD-AREA 2 and 3
2-8	067	7	CSCOM-RECORD-AREA 2 and 4
4-8	071	9	CSCOM-RECORD-AREA 3 and 4
1-2-4	064	4	CSCOM-RECORD-AREA 1 through 3
1-2-8	070	8	CSCOM-RECORD-AREA 1, 2, 4
1-4-8	134	\	CSCOM-RECORD-AREA 1, 3, 4
2-4-8	073	;	CSCOM-RECORD-AREA 2, 3, 4
1-2-4-8	133	[	CSCOM-RECORD-AREA 1 through 4

**2.133. Reject Action Flags.**

2.133.1. Purpose. To identify where the reject message must be sent, where a suspense record must be established, or if it is necessary to restore the records to their original condition, or for multiple actions. These flags appear on the reject notice record, the reject phrase load images, the actual output document, and on the automated data system (ADS) journal file.

2.133.2. Reject Action Flags.

**Table 2.38. Reject Action Flags.**

BINARY	OCTAL	ASCII	
BITS	VALUE	SYMBOL	EXPLANATION
32	100	@	Reject the input and print the reject on the terminal or terminal printer
2	055	-	Reject the input and establish an internal reject
4	061	1	Reject the input and restore all records to their original condition
4 & 2	063	3	Reject the input, establish an internal suspense reject record, and restore all records to their original condition
32-4-2	114	L	Reject the input, print the reject message on the AFMC SCM-R Information Technology Activity terminal, establish an internal reject suspense record, and restore all records to their original condition.
32-4	112	J	Reject the input, print the reject message on the AFMC SCM-R Information Technology Activity terminal, and restore all records to their original condition.
<p><b>Note:</b></p> <p>For AFMC SCM-R Information Technology Activity programmer information: During online operations, if a message is to be printed on the input terminal only, or during offline operations, this AFMC SCM-R Information Technology Activity main printer (with no restore action, suspense record creation, etc.), set CS215-REJ-OVERRIDE to 01, CS215-REJ-ACTION-FLAG to 00, and CS215-REJ-ACTION-FLAG to any combination of binary bit positions 1 through 4 which may be used to direct supplemental print lines and will be printed from the CSCOM-RECORD-AREA 1 through 4.</p>			

## 2.134. Hash Total.

2.134.1. Purpose. To prevent unauthorized changes that may occur within the MGT/REJ phrases. This process computes all special characters, spacing and ASCII interpretation of the input phrase image.

2.134.1.1. SOURCE IMAGE/RECORD = Reject load images

2.134.1.2. HASH TOTAL DATA = Positions 1-78 of each image

2.134.1.3. NO CHAR = 4 (binary)

2.134.1.4. HASH TOTAL STORAGE = Positions 79-80 of each image

## 2.135. Trouble Call Checklist.

2.135.1. Purpose. To define the minimum steps that must be completed prior to placing a call to the SBSS Control Center. These steps are designed to help both the base and the controller in the resolution of error conditions.

2.135.2. Step Remarks.

1. What is the suspected error? \_\_\_\_\_  
\_\_\_\_\_

### Note:

It is important that you try to exactly pinpoint the error. This may require some research. If programs are dependent upon each other, the true error condition can be hidden. For example, program A may set a particular flag or produce some kind of output for program B. If program A has an error and does not function properly, then program B may abort. Under these conditions, program B may appear to be at fault when, in reality, A is in error.

2. Are there any systems errors?

What are they?

---



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### Note:

Sometimes an error condition may result because the overall system may be in error. This error may be either hardware or software related. Hardware conditions that might produce faults are:

If there is a bad disk in use, data on that disk may be corrupted or unreachable. For example, the system cannot read a particular sector or block of data on the disk.

Tape. If the tape or tape drive has errors, the program may abort because it cannot read/write to the tape.

Error Mnemonics/Facility Status Codes (FAC) - Users should examine any error mnemonics or Facility Status Codes (FAC). These will usually pinpoint the error. Users can examine the FAC status by performing an @FAC keyin. Error mnemonics and a description of U1100 error codes can be found in: Executive System Programmer Reference Current Version, UP 4144 (see appendix C, Diagnostic Messages and Status Codes).

3. Did the error occur without a recent release load? \_\_\_\_\_ What is the current release loaded? \_\_\_\_\_

### Note:

Sometimes an error condition may have just occurred. You know it worked properly yesterday or last week. You also know that there have been no release loads. If this happens, chances are that something has happened at your base. Under these conditions, users should check with their DMC to see if any local error conditions exist.

4. Have you checked with your supervisor, DMC, or MAJCOM?
- \_\_\_\_\_

**Note:**

Some error condition may exist that is global, or it may have occurred earlier and your supervisor may know about the problem. During normal duty hours, contact your MAJCOM-- they may have the correction. You should check with the DMC to ensure nothing has been changed or is in error on their side of the house.

5. Do you know of any other bases with this same problem? If you do, what bases?
- \_\_\_\_\_

**Note:**

Usually, if no other bases have this problem and they have the same releases loaded as you do at your base, chances are this is a local error condition. Again, it is important that users review any actions taken or problems identified from the past couple of days.

6. Have you read AFH 23-123, Vol 2, Pt 3 (as it applies to this situation) to ensure proper input format?

If so, is the format correct? \_\_\_\_\_ What is the format of the input? \_\_\_\_\_

**Note:**

This may seem like a redundant question. However, it is possible the user may have made an error or possibly not loaded the latest CD-ROM release. The latest CD-ROM version should be filed to match the release loads. The program could have been changed during the last release load.

7. Have you checked the worldwide DIREP listing?

What DIREPs are currently listed? \_\_\_\_\_

**Note:**

It is possible that you may have a legitimate error condition. If other bases have reported the problem to Gunter, chances are there is an open DIREP on the error condition. The DIREP listing can provide you with a workaround for the error condition or a future release date when the problem will be fixed.

8. Are there any system advisory notices (SANs) or messages on the problem?

What SANs are currently active? \_\_\_\_\_

**Note:**

If there is a legitimate error condition, there may be a SAN or message on the condition. If there is a SAN or message, it will provide you with a current workaround for the problem. Have you checked AF Form 636 for special instructions or files containing documentation procedures?

9. Have you checked the programs against the last PBI listing? \_\_\_\_\_

Is the correct version of the program loaded? \_\_\_\_\_ What is the version date/time of the program? \_\_\_\_\_

**Note:**

Sometimes, the wrong version of software may be in use at a base. Users should check their software by performing the @PRT,TL command against file 0GV00000\*GVABSUD001., and also check the version that is registered to TIP by doing the following in Demand Mode:

```
@BK1
@XQT,MUZIAX TIP$*TIPRUN$/TIP.TPUR
LIST 3
@BK2,E
L (PGM #) I.E.: LC NGV601
P 10
```

Users should check the date/time stamps listed against the PBI listing from the last release load. Dates of the ECL will not always match the ABS. That is because ECL runstreams are changed via IPF or EDITOR whereas the ABSOLUTES are generated prior to release with the compile date/time stamp.

10. Have you checked the ECL against the last PBI listing? \_\_\_\_\_

**Note:**

Sometimes, the ECL may be the wrong version, or it may have been altered at a base. Users can validate the ECL in the same manner as above by performing an @PRT,TL command against GV\$\$0000\*GVECLUD001.

11. Do you have INQ on stock number, document number, and ISG? \_\_\_\_\_

**Note:**

Having all inquiries gives the user and controller a complete picture of the corresponding records in the database.

12. Have you researched the reject condition thoroughly?

What is the reject number? \_\_\_\_\_

What program is the reject coming from? \_\_\_\_\_

What circumstances led to the reject? \_\_\_\_\_

**Note:**

Each reject must be researched thoroughly at base-level before calling the AFMC SCM-R Information Technology Activity. AFH 23-123, Pt 2, Vol 2, Ch 7, provides detailed instructions

and corrective actions for SBSS reject and management notices. These corrective actions must be carried out before calling the AFMC SCM-R Information Technology Activity. Keep notes of these actions. Should it become necessary to DIREP the program or to contact the AFMC SCM-R Information Technology Activity, this information will be needed. It is essential to understand the circumstances leading to the reject. Was the input initiated at the CSB, PSEUDO, satellite, etc.? Was the input processed through the Overview Purpose Screen or a specific screen designed for the transaction? Keep these facts in mind and write them down as you discover them. The AFMC SCM-R Information Technology Activity will be asking the same questions.

13. Is the reject a 799REJ? If so, complete the following:

Rollback Code: \_\_\_\_\_

Error Function: \_\_\_\_\_

Error Code: \_\_\_\_\_

Error Number: \_\_\_\_\_

Error Area: \_\_\_\_\_

Error Record: \_\_\_\_\_

Error Set: \_\_\_\_\_

Current Area: \_\_\_\_\_

**Note:**

799REJs are indeed a challenge. They are not standard SBSS rejects. These rejects occur when a peculiar situation arises in the program, but there is no corresponding SBSS reject, as yet, to identify the corrective actions necessary to resolve it. However, this does not excuse you from researching and analyzing the reject. Indeed, your talents as an analyst will surely be tested. Even though AFH 23-123, Pt 2, Vol 2, Ch 7 says to contact the AFMC SCM-R Information Technology Activity as a corrective action, you must analyze the reject first. Calling the AFMC SCM-R Information Technology Activity to inform them you have a 799REJ does not resolve the problem. The AFMC SCM-R Information Technology Activity must know the circumstances leading to the reject. Have the reject handy; it will provide a lot of information. For example, the rollback codes, error codes, functions, and numbers will provide a lot of insight in to what the program is trying to do. See **Para. 2.135.** for an explanation of the most common codes and key fields produced by the reject. It is your responsibility to do everything possible to resolve the problem before you contact the AFMC SCM-R Information Technology Activity. If it does prove necessary to contact the AFMC SCM-R Information Technology Activity, make sure you have all the information ready that you have found in order to assist the AFMC SCM-R Information Technology Activity in resolving your problem.

14. Have you processed the reject or suspect transaction with a TRACE?\_\_\_\_\_

**Note:**

TRACES provide a great deal of insight into the working interactions of the software. It takes a great deal of practice and patience to research the TRACE output, but the information learned is rewarding. You can see the programs that are called, the records that are read and written, and

the output it produces. To process a TRACE against a suspect transaction, you must complete the following steps:

- | STEP | ACTION REQUIRED   |
|------|---|
| (a)  | SX all files in the queue RJPR01. This step is not necessary if your print server is active.  |
| (b)  | Stop all TIP processing. For ALN systems with multiple ALNs coordinate with all the other ALN users.  |
| (c)  | Turn on all sense switches (1, 2, and 3)  |
| (d)  | Process TRACE   |
| (e)  | Turn off all sense switches (1, 2, and 3)   |
| (f)  | After processing the input, the TRACE printout will be in RJPR01. Redirect print queue to your line printer.<br>Or in designated PS\$\$0000 file if using print server.             |
| (g)  | Now, read the TRACE printout and follow the processes that occurred and led to reject. Carefully note the programs called, records accessed, and, of course, any errors identified. |
| (h)  | Resume normal TIP processing.   |

15. Do you suspect the report or transaction is looping? \_\_\_\_\_

Have you run the Universal Data System (UDS) Monitor? If not, run it.

Did you find that the program was looping on a database key (DBK)?

\_\_\_\_\_ Have you run appropriate INQs to research the loop? \_\_\_\_\_

If not, run them.

#### **Note:**

The only sure way of detecting and defining a looping condition within the UDS is through the UDS Monitor. This monitor permits you to see the DBKs that the program is accessing as it is processing. If you see that a particular DBK is constant, that is a clue the program is looping on that record. At this point, you may abort the program and run a DBK inquiry to identify the record causing the looping condition. From this point on, you can run other inquiries that will help you research the condition thoroughly (such as stock number, document number, organization cost center record (OCCR), etc.). To start the UDS Monitor, use the following instructions:

Initiate the monitor by the following keyin:

>@ADD 0GV0<ALN>\*DBRUN\$.MONITOR

When prompted by UDS Monitor , take the following options:

M (Menu)

J (For Job. This will provide the status of Data Management Routine (DMR) runs.)

Slot (Enter the slot number of the job you wish to monitor.)

Number

Now you will be able to observe the suspect run as it is progressing through the DMR.

16. Is the problem you are experiencing the result of a Computer Operating Base (COB) error?

What is the COB error? \_\_\_\_\_

What is the filename giving the error? \_\_\_\_\_

**Note:**

COB errors identify file errors that occur when the SBSS programs are attempting to access SSDF or MSAM files. At times, the problem can be traced to an individual who is looking at the file through CTS or Text Editor and the End-of-File (EOF) marker. Some of the most common are:

1101A --- Attempted to open a file which is already open. This error could be a program error which results when attempting to open a file twice without an intervening close. Another answer could be that a prior run or program did not complete and left a file open which it should have closed on an abort. If the program was cataloged by the active program, you should be able to delete the file and rerun. Another possibility is the file is an input file and the first transaction within the file is blank. Verify the file and make appropriate corrections.

1103A --- No equipment assigned to file. The program or run is trying to use a file that does not exist. The missing file could be due to a wrong option within the ECL (that is, HOST ILO SITE) or the control image was wrong (that is, wrong disk/tape file specified). Another possibility is that a wrong qualifier was used for the filename. A file could be missing if there were input transactions and all the inputs rejected. Therefore, no file was assigned for the program to process against.

1105A --- Attempted to write to an unopened file. The program is attempting to write to a file that has not yet been opened. This is a program error which is usually beyond your control. You can, however, use QLP to check the transaction history records for invalid system designators. If any are found, make a note of the transaction involved and use NGV299R to correct the system designator.

1147A --- Attempted to write beyond maximum mass-storage assignment. This error occurs when the program is attempting to write beyond the maximum granule assignment for the output file specified in the ECL. This may be corrected by replacing the assign statement within the ECL to a larger size and rerunning the program.

XX18A --- Empty or invalid file structure or file lacks extended parameters. This error usually occurs when the program is trying to use a file that has nothing in it. You need to re-



create the file by loading it back from a SAVEALL, rerunning the program that initially created the file, or re-creating the file by inputting the data, if that is how it was created. If the file has data in it, then it probably was caused by inputting data in the wrong format. This could have been caused by using @DATA,I which puts field data into an systems data file (SDF) file ILO using @DATA,IQ for ASCII data or vice versa. This can be caused when someone reads the file with CTS and replaces it with ASCII OFF when it was supposed to be in ASCII or vice versa. To correct this condition, initiate CTS, ASSUME ASCII ON (or OFF, whichever is applicable), do a call on the old file, and then do a REPLACE. You can also re-create the file by reinputting the data properly or loading it back from a SAVEALL. All of this depends upon what the file was used for and how it was created.

XX18A --- File lacks extended parameters. This error usually indicates that a file has been accessed through CTS, a replace was done, and it destroyed the extended parameters. You will have to re-create/load the file depending on how it was originally created.

17. Have someone available with a working knowledge of QLP, SURGE, ECL, NGV299R, IPF, and TOCED.

**Note:**

It is imperative that the individual contacting the AFMC SCM-R Information Technology Activity is not only knowledgeable of the problem, but is able to perform the actions necessary to carry out the directives of the AFMC SCM-R Information Technology Activity and to understand why these actions are necessary.

AFMC SCM-R Information Technology Activity

**2.136. 799 Reject Notices.**

2.136.1. Purpose. To provide system generated rejects when no encoding within the application has been established. References used to research 799REJ are UP7992 and UP8079 (small pocket version). These references provide detailed explanations for the rollback, error codes, numbers, and functions identified by the reject. These publications should be within easy reach of the operator on duty. The following paragraphs will help you better understand the basic explanation of these codes and how they relate to you.

2.136.2. Detailed Specifics on 799 Reject Notices.

2.136.2.1. The error function on a 799 reject notice indicates what action the program was trying to take when an error occurred. Some of the most common error functions are listed below:

2.136.2.1.1. 02 -- The program was attempting to DELETE a record from the database.

2.136.2.1.2. 03 -- The program was attempting to READ a record from the database.

2.136.2.1.3. 08 -- The program was attempting to CHANGE an existing record in the database.

2.136.2.1.4. 09 -- The program was attempting to OPEN an area of the database such as ITMDTL-GV-1. The area must be open before the program can access records in the area.

2.136.2.1.5. 12 -- The program was attempting to ADD a record to the database.

2.136.2.2. The error code/number gives a specific result of the last function requested by an application program. It may be easier to understand error numbers if you look at them as status codes versus error codes. It should be understood to the application program, error codes are frequently received and provide meaningful information to the program. For example, an ISU input requires the program to read (FETCH) the item record of the stock number on the input. If the item record is not loaded, the system passes back an error number of 13. The application program interprets this to mean it could not find the item record and a 295 reject notice ITEM RECORD NOT LOADED - SEE CHAP 7 is produced. However, under other circumstances, the application may be expecting only a successful status. Therefore, if an error number other than 00 is returned, a 799 reject notice is produced. An example of this would be: A program reads a controlled item phrase to print it on an output document. It reads the item phrase based on the controlled item code loaded on the item record, and it relies on an SBSS principle that says you do not have controlled item codes loaded on item records when there are no controlled item phrases loaded. Using this principle, if any status other than 00 is returned, a 799 reject notice is produced. At this point, a new, more specific reject could have been produced stating that a controlled item phrase was not loaded but it wasn't and most likely will not be until someone identifies and DIREPs the problem. Some of the more common error codes are provided here:

2.136.2.2.1. 00 -- Last database access was successful, no error occurred, erroneous 799 reject notice if this error code appears.

2.136.2.2.2. 05 -- Violation of duplicates not allowed clause. Typically, this occurs when attempting to add a new record or MODIFY a record whose CALC-key duplicates another record's CALC-key already loaded in the database, and the SBSS schema definition contains the phrase DUPLICATES NOT ALLOWED for that record type.

2.136.2.2.3. 06 -- No current record of area/record/set name. This error usually indicates a true programming error. The application program said read the next record in a set or area; however, it failed to read the first record in the set or area. Or, it said read an owner record and assumed the error number to be 00, but it wasn't. It then executed a read of the first record in the chain when there is no current owner's record established.

2.136.2.2.4. 07 -- End of set/area/chain. Once again, this status is quite often returned to the application program. For example, an inquiry for all details continues to read details until a status of 07 is returned. At that time, the inquiry program puts out the END OF INQUIRY and terminates normally. However, if a program was trying to read a due-in detail using the due-in document number loaded on a due-out detail, and it is assumed the due-in detail would be found, any status other than 00 may result in a 799 reject notice. Once again, at this point, the application program could put out a new reject indicating the due-in detail document number of the due-out was invalid or the old stand-by 260 reject notice DETAIL NOT LOADED.

2.136.2.2.5. 08 -- Record not defined in set/area or record does not contain specified keys. This is generally a true programming error. For example, the application program said read a due-in detail within the authorized in-use set. Looking at the SBSS schema you can tell that due-in details are not included in the authorized in-use set.

- 2.136.2.2.6. 09 -- Improper area usage. When an application opens an area, it must specify a mode; for example, retrieval or update. If it is opened for retrieval, any attempts to update the area will result in this error.
- 2.136.2.2.7. 13 -- No record or set occurrence satisfies criteria. Typically, this error is produced when the application program has specified that a specific record with a specific key will be read. An example would be that the program said to read a specific document number record, but that record was not on file.
- 2.136.2.2.8. 34 -- Area cannot be assigned. This error is produced when the database area attempting to be accessed is not registered and assigned to TIP. Since the SBSS uses an EXEC database, this error would only be received in an application compile error.
- 2.136.2.2.9. 84 -- Overflow pages associated with data pages have all been allocated. This error indicates you have run out of overflow pages to allocate for storing new records. You need to do a database resizing. However, this is truly one error that you can tell your users to, "Try it at a later time, and it might work," until you can do the resize. The reason for this is that perhaps a record on the page where the new record will be loaded will have a record deleted and allow space to load a new record.
- 2.136.2.2.10. 92 -- Database key found vacancy entry. Without a doubt, if you receive this error, you have database pointer problems.
- 2.136.2.2.11. 98 -- Invalid area code/page number. Again, you have structure problems within the database. Process a DMU AREA VERIFY to help pinpoint errors. Remember, DIRECT access records cannot be verified by DMU VERIFY. For example, if the program is looking for the Inventory Adjustment Control record (507), it looks on page one, record one. This is the only place the 507 can be stored. If it is not there a 98 error will result. The program could also be looking for a specific database key and the record is not there. This would also result in a 98 error. VERIFY cannot check these conditions. Record fetched is not of expected type.
- 2.136.2.2.12. 100 -- Dynamic page expansion limit. See error number 84 above for details. The difference is this error number only occurs on areas defined in the SBSS schema with a DYNAMICALLY EXPANDABLE TO clause.
- 2.136.2.2.13. 122 -- Generalized name error. If bases do an @START on programs, they will get this error if the first digit of the project code on the RUN image does not equal 1 through 8. This error will also result if the base does an @XQT,S and the first digit of the project code is already a 5 through 8. This is because the first digit is used to identify the gang number. If it is a zero, the application program cannot open SUPRT-NGV-0. Hence, an error code 122 may result because of a simple project code error on the @RUN image. Always check this condition first.
- 2.136.2.3. Rollback (RB) Codes. A rollback code indicates that any update the application program may have made since starting, or since it executed its last FREE DMR command, will be undone. This leaves the database looking like it did before the start of the program or just prior to its last FREE command. Some of the more common RB codes are listed here:

2.136.2.3.1. 00 -- A rollback did not take place.

2.136.2.3.2. 06 -- Not enough quick-look file space allocated. The program has accomplished too many updates without doing an internal FREE command. Attempt to process the program later with a different mix of programs on the system. If the error persists, you must submit a DIREP on the applicable application program.

2.136.2.3.3. 14 -- Trying to access a downed area. If this occurs, most likely one of two things is happening: Your primary to secondary database copy is in progress and has marked the gang down. (In this case, take no action until your crossover terminates, which normally results in bringing the gang back up.) Or, an attempted recovery has not finished successfully, resulting in the areas being left marked down. Generally, @ADding runstreams out of the 0GV0<ALN>\*DBRUN\$. to up the gang should not be accomplished until you have determined the reason the area has been marked down.

2.136.2.3.4. 66 -- Downed area list inconsistency. This error will normally occur only during database conversion processes when there has been a procedural error. For example, the runstream 0GV0<ALN>\*DBRUN\$.SCHEMA/CLEAR is processed to register a new schema when there are areas in the prior schema definition which are marked down.

2.136.2.3.5. 83 -- Schema aborted. This error condition can only be corrected by processing the following ECL runstream 0GV0<ALN>\*DBRUN\$.SCHEMA/CLEAR. However, running a schema clear before finding and fixing the problem which caused the schema abort will most likely result in the same error recurring. The most common cause of this error, if it happens on a continuous basis, is either numerous pointer and/or CALC-chain errors.

2.136.2.4. Current Area. This field is used by the programmer to identify the paragraph name within the Common Business-oriented Language (COBOL) program. This may or may not provide you, at base level, an insight on the function being performed that actually caused the reject. By following structure programming standards, paragraphs within programs should have meaningful names. Hopefully, by knowing the paragraph name, you will be able to determine a little more clearly the function being attempted by the program.

## 2.137. Controlled TRIC Table.

2.137.1. Purpose. To provide a list of TRICs that must be controlled. These Controlled TRICs are loaded into the terminal security system with a 1SZB input. **Note:** The Information Assurance Officer should coordinate with the DFAS field site to determine the A&F TRICs that are deemed most critical and should be loaded as controlled TRICs in the SBSS, based on available space.

2.137.2. Controlled TRIC Table.

**Table 2.39. Controlled TRIC Table.**

TRIC	FLAG	NOTE	TRIC	FLAG	NOTE	TRIC	FLAG	NOTE
1CK	01		BMC	25		FOR	49	

1CW	02		1UB	26		FRR	50	
1DF	03		2HQ	27		FSP	51	
1EB	04			28		1HM	52	
1F3	05		1GC	29		ISU	53	
1FN	06		BSS	30		LPA	54	
1ME	07		BST	31		LPS	55	
1MK	08		BV4	32		MSI	56	
1NK	09	2	BVE	33		OUT	57	1
1PC	10		CIC	34		RAR	58	
1PR	11		DOR	35		REC	59	
1RD	12		EIC	36		RVP	60	
1RF	13		FCC	37		SHP	61	
1RL	14		FCH	38		SRC	62	
1RM	15		FCI	39		TAR	63	
1RP	16		FCS	40		TIN	64	
1RR	17		FCU	41		TRM	65	
1RS	18		FEC	42		WPR	66	
1SC	19		FED	43		PSU	67	3
1SP	20		FER	44		SEI	68	
1SR	21		FET	45		XSE	69	4
1SZ	22		FIC	46		1KK	70	
1TK	23		FSU	47		1LK	71	
BIR	24		IRC	48				

**Note:**

1. Load this TRIC to use the dual-page concept, which dictates one of the pages for output only.
2. Flags 72 through 80 are reserved for AFMC SCM-R Information Technology Activity use as needed or required.
3. Flags 81 through 144 are reserved for MAJCOM and/or local usage. Bit value can be processed with or without leading zeros. The flags above are a recommendation only, and not mandatory to the specific controlled TRICs shown beside them. They are provided in this format as a counter for the total number of controlled TRICs loaded in the SBSS for easier end-user needs/requirements.

4. This is positions 81, 161, 241, or 321 used to allow simulation of other terminals. It will also control the PSU TRIC used to process pseudo inputs.
5. TRIC XSE should only be processed at base level if directed to do so by the MAJCOM Reporting Organization File Manager. TRIC XSE is transceived from AFEMS (C001) to the SBSS. Inbound SIFS control record should be configured to send the XSE to the pseudo for processing.

### 2.138. New TRIC Loads.

2.138.1. Purpose. To load or add new TRIC(s) to the controlled TRIC table in the security file. Once this input is processed, only authorized user-IDs can use the TRIC(s). This input should be processed in online mode. When using online mode, you should use TIP Screen 436. Process in online mode at a host or satellite account to load new TRICs. Process new TRIC(s) in Demand mode at the host base during initial implementation, satellite rehomeing, or if the TIP security files need to be re-created. This process is accomplished through use of IPF or any ASCII text editor.

2.138.2. Input Format.

**Table 2.40. Input Format.**

	<b>NO</b>		
<b>POS</b>	<b>POS</b>	<b>FIELD DESCRIPTION</b>	<b>REMARKS/NOTES</b>
1-3	3	Transaction Identification Code	1SZ
4	1	Type Action Code	B
5-7	3	TRIC to be added	Notes 1, 3
8	1	Blank	Note 3
9-11	3	TRIC-FLAG	Notes 2, 3
12-80	70	Blank	

**Note:**

1. USE CAUTION. After a new TRIC is loaded to the terminal security file, process a 1SZA for all user-IDs requiring this TRIC for processing.
2. This field must be numeric (001-144). TRIC-FLAGS 001-080 will be used for mandatory TRIC entries (see **Para. 2.137.**). This value equates to the bit setting for this TRIC and its use is restricted to use by the program. Each TRIC to be controlled must have a unique TRIC-FLAG assigned.
3. When using screen 436, enter the TRIC to be added, a blank, and the TRIC-FLAG in the user-ID field of the screen as follows: XXX\_YYY where XXX = TRIC and YYY = TRIC-FLAG.

2.138.3. Screen 436 Example. This screen sample would add TRIC XXX to the terminal security file:

2.138.3.1. 1SZ : /436

2.138.3.2. \* \* \* \* \* TERMINAL SECURITY HANDLER \* \* \* \* \*

2.138.3.3. ACTION : C - CHANGE D - DELETE I - LOAD

2.138.3.4. O - OFFICE N - NAME B - TRIC ADD

2.138.3.5. TRIC : 1SZ

2.138.3.6. ACTION : B

2.138.3.7. USER-ID : XXX 084\_\_\_\_\_

2.138.3.8. NAME : \_\_\_\_\_

2.138.3.9. OFFICE : \_\_\_\_\_

2.138.3.10. INITIALS : \_\_\_\_\_

2.138.3.11. TRICS : \_\_\_\_\_

### 2.139. Deleting TRICS From Control File.

2.139.1. Purpose. To remove TRIC(s) from the controlled TRIC table in the security file. Once this input is processed, any user-ID can use the TRICS. This input should be processed in online mode. When using online mode, you should use TIP Screen 436. Process in online mode at a host or satellite account to load new TRICS.

2.139.2. Input Format.

**Table 2.41. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	1SZ
4	1	Type Action Code	C
5-7	3	TRIC to be removed	Notes 1, 2, 3
8-80	73	Blank	
<b>Notes:</b> 1. After a new TRIC is removed from the terminal security file, no user-ID will be able to process the TRIC. 2. This field must contain a valid TRIC loaded to the security file. If the TRIC is not in the file, a management notice will be output. 3. When using screen 436, enter the TRIC to be removed from the controlled TRIC table. Only one TRIC per input is allowed.			

2.139.3. Screen 436 Example. This screen sample would remove TRIC XXX from the terminal security file:

2.139.3.1. 1SZ : /436

2.139.3.2. \* \* \* \* \* TERMINAL SECURITY HANDLER \* \* \* \* \*

2.139.3.3. ACTION : C - CHANGE D - DELETE I - LOAD

2.139.3.4. O - OFFICE N - NAME B - TRIC ADD

2.139.3.5. TRIC : 1SZ

2.139.3.6. ACTION : C

2.139.3.7. USER-ID : XXX\_\_\_\_\_

2.139.3.8. NAME : \_\_\_\_\_

2.139.3.9. OFFICE : \_\_\_\_\_

2.139.3.10. INITIALS : \_\_\_\_\_

2.139.3.11. TRICS : \_\_\_\_\_

## 2.140. New User-ID Loads/Changes.

2.140.1. Purpose. To load new user-ID(s) and/or change selected information for user-IDs loaded to the TIP security file. This input is mandatory for all personnel requiring access to the SBSS in online mode. This input should be processed in online mode. When using online mode, you should use TIP Screen 436. Process in online mode at a host or satellite account to load new user-IDs. This input loads names, user-IDs, initials, office symbols, and up to six controlled TRICs to the security file. Using the various options listed below, names, initials, and office symbols may be changed on existing user-IDs. Additional TRICs may not be loaded to existing user-IDs with this input. Use 1SZA input. Process in demand mode at the host base during initial implementation, satellite rehomeing, or if the TIP security files need to be re-created. In this mode, continuation inputs will be used to load additional TRICs to a user-ID. Process NGVU04 and NGVU03 after ten online inputs, using screen 436.

2.140.2. Input Format.

**Table 2.42. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	1SZ
4	1	Type Action Code (I, O, or N)	Note 9
5-16	12	User-ID	Note 1
17-40	24	Name	Left justified
41-48	8	Office Symbol	Note 2
49-52	4	User's Initials	Note 3
53-55	3	1st TRIC	Notes 4, 5
56	1	Comma (,)	Note 6
57-76	20	Additional TRICs (same as 53-56)	Note 7



77	1	Semicolon (;)	Note 8
<p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. A user-ID may be used once per gang; all satellite and host accounts must have different user-IDs in their respective user-ID tables. Left justify this field.</li> <li>2. This field must be entered during initial user-ID load.</li> <li>3. When users have the same initials, recommend using a number after the initials to differentiate users.</li> <li>4. Enter ALL to allow users to process all controlled TRICs except 1SZ and OUT. Enter specific controlled TRIC(s) this user is authorized to process. Leave blank if this user is only authorized to process uncontrolled TRICs. Do not delete separate TRICs on user-IDs loaded with the ALL TRIC option. Process a 1SZ to delete the ALL, then reload the desired TRICs to the user-ID.</li> <li>5. TRICs: 1SZ &amp; OUT are not included in the ALL option. Enter OUT for the output page of terminals operating under the page input/page output concept. Positions 56-80 must be blank when this option is used.</li> <li>6. Enter a comma (,) if additional TRICs are to be authorized or blank if no more TRICs.</li> <li>7. Enter authorized TRICs followed by commas as required, same as positions 53-56. If more than six additional TRICs are to be authorized for this user-ID, load those TRICs according to Para. 2.142., using online mode.</li> <li>8. Demand mode only to be used only when creating the backup file 0GV0&lt;ALN&gt;*USERFILEx. Enter a semicolon (;) to continue with the next input. This option should be used when there are more than six TRICs to be authorized for this user-ID.</li> <li>9. Use option I for initial user-ID loads (online or Demand). For information changes to existing user-IDs, use N to change the user's name and/or initials and O to change office symbols.</li> </ol>			

2.140.3. TRIC Continuation Input. Use this input in Demand mode only to enter additional TRICs to a user-ID. This input will immediately follow a 1SZI input which contains a semicolon (;) in position 77.

2.140.4. Input Format.

**Table 2.43. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	1st Additional TRIC	Note 1
4	1	Comma (,)	Note 2
5-76	72	Additional TRICs	Note 3
77	1	Semicolon (;)	Note 4
78-80	3	Blank	

**Notes:**

1. Enter specific controlled TRIC for this user-ID. The continuation input is used only during initial load in Demand mode and never in online mode.
2. Enter a comma (,) if additional TRICs are to be input; if none, blank.
3. Enter additional TRICs and commas as required. Same as positions 1-4.
4. Enter semicolon (;) if additional TRICs are to be input and another continuation input is required. Use this option if more than 19 TRICs are authorized for a user-ID.

2.140.5. Screen 436 Examples. This screen sample would initially load user-ID SBSS01 and appropriate information to the TIP security file:

2.140.5.1. 1SZ :/436

2.140.5.2. \* \* \* \* \* TERMINAL SECURITY HANDLER \* \* \* \* \*

2.140.5.3. ACTION : C - CHANGE D - DELETE I - LOAD

2.140.5.4. O - OFFICE N - NAME B - TRIC ADD

2.140.5.5. TRIC : 1SZ

2.140.5.6. ACTION : I

2.140.5.7. USER-ID : SBSS01\_\_\_\_\_

2.140.5.8. NAME : DOE JOHN Q\_\_\_\_\_

2.140.5.9. OFFICE : LGSSE\_\_

2.140.5.10. INITIALS : JQD\_

2.140.5.11. TRICS : 1SZ,ISU,SHP\_\_\_\_\_

2.140.5.12. This screen sample would change the name and initials loaded to user-ID SBSS01 to "JOHN JONES" and SN in the TIP security file:

2.140.5.13. 1SZ :/436

2.140.5.14. \* \* \* \* \* TERMINAL SECURITY HANDLER \* \* \* \* \*

2.140.5.15. ACTION : C - CHANGE D - DELETE I - LOAD

2.140.5.16. O - OFFICE N - NAME B - TRIC ADD

2.140.5.17. TRIC : 1SZ

2.140.5.18. ACTION : N

2.140.5.19. USER-ID : SBSS01\_\_\_\_\_

2.140.5.20. NAME : JONES JOHN\_\_\_\_\_

2.140.5.21. OFFICE : \_\_\_\_\_

2.140.5.22. INITIALS : SN\_\_

2.140.5.23. TRICS : \_\_\_\_\_

2.140.5.24. This screen sample would change the office symbol loaded to user-ID SBSS01 to LGSMR in the TIP security file:

2.140.5.25. 1SZ : /436

2.140.5.26. \* \* \* \* \* TERMINAL SECURITY HANDLER \* \* \* \* \*

2.140.5.27. ACTION : C - CHANGE D - DELETE I - LOAD

2.140.5.28. O - OFFICE N - NAME B - TRIC ADD

2.140.5.29. TRIC : 1SZ

2.140.5.30. ACTION : O

2.140.5.31. USER-ID : SBSS01\_\_\_\_\_

2.140.5.32. NAME : \_\_\_\_\_

2.140.5.33. OFFICE : LGSMR\_\_\_\_

2.140.5.34. INITIALS : \_\_\_\_

2.140.5.35. TRICS : \_\_\_\_\_

## 2.141. Delete User-IDs.

2.141.1. Purpose. To delete user-IDs from the terminal security file. Once this input is processed, the user-ID cannot be used on the SBSS system. This input should be processed in online mode. When using online mode, you may use online screen 436. Process in online mode at a host or satellite account to load new TRICs.

2.141.2. Input Format.

**Table 2.44. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	1SZ
4	1	Type Action Code	D
5-16	12	User-ID to be removed	Note 1
17-80	64	Blank	Note 2
<b>Notes:</b> 1. Only one user-ID may be deleted per input. User-ID is left-justified. 2. When using screen 436, all other fields are blank.			

## 2.142. TRIC Adds To User-IDs.

2.142.1. Purpose. To add a controlled TRIC(s) to a specific user-ID loaded to the security file. Once this input is processed, the user-ID gains access to the TRIC(s) added. This input should be processed using online screen 437. Process in online mode at a host or satellite account to add controlled TRICs to a specific user-ID.

## 2.142.2. Input Format.

**Table 2.45. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	1SZ
4	1	Type Action Code	A
5-16	12	User-ID	Note 1
17-19	3	TRIC to be added	Note 2
20	1	Comma (,)	Note 3
21-79	59	Additional TRICs	Note 4
80	1	Blank	
<b>Notes:</b> 1. Enter the user-ID to allow access to a controlled TRIC. 2. This field must contain a valid TRIC loaded to the controlled TRIC table. If the TRIC is not a controlled TRIC, a management notice will be produced. 3. Enter a comma (,) when additional TRICs are to be added or blank. 4. Enter TRICs and commas as required. Same as in positions 17-20.			

2.142.3. Screen 437 Example. This screen example would add TRICs XXX, YYY, and ZZZ to USER-ID SBSS01:

2.142.3.1. 1SZA :/437

2.142.3.2. \* \* \* CONTROLLED TRICS LOAD/DELETE \* \* \*

2.142.3.3. ACTION: C - CHANGE D - DELETE I - LOAD

2.142.3.4. ACTION: A - ADD R - REMOVE

2.142.3.5. TRIC : 1SZ

2.142.3.6. ACTION : A

2.142.3.7. USER-ID : SBSS01\_\_\_\_\_

2.142.3.8. TRICS : XXX,YYY,ZZZ\_\_\_\_\_

2.142.3.9. \_\_\_\_\_

**2.143. TRIC Deletion From User-IDs**

2.143.1. Purpose. To remove a controlled TRIC(s) from a specific user-ID loaded to the security file. Once this input is processed, the user-ID loses access to the TRIC removed. This input should be processed online. Screen 437 may be used. Process in online mode at a host or satellite account to remove controlled TRICs from a specific user-ID.

## 2.143.2. Input Format.

**Table 2.46. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	1SZ
4	1	Type Action Code	R
5-16	12	User-ID	Note 1
17-19	3	TRIC to be removed	Note 2
20	1	Comma (,)	Note 3
21-79	59	Additional TRICs	Note 4
80	1	Blank	
<b>Notes:</b> 1. Enter the user-ID from which to remove access to a controlled TRIC. 2. This field must contain a valid TRIC loaded to the user-ID. If the TRIC is not a controlled TRIC, a management notice will be produced. 3. Enter a comma (,) when additional TRICs are to be removed, or blank. 4. Enter TRICs and commas as required. Same as in positions 17-20.			

2.143.3. Screen 437 Example. This screen example would remove TRICs XXX, YYY, and ZZZ from user-ID SBSS01.

2.143.3.1. 1SZA : /437

2.143.3.2. \* \* \* CONTROLLED TRICS LOAD/DELETE \* \* \*

2.143.3.3. ACTION: A - ADD R - REMOVE

2.143.3.4. TRIC : 1SZ

2.143.3.5. ACTION : R

2.143.3.6. USER-ID : SBSS01\_\_\_\_\_

2.143.3.7. TRICS : XXX,YYY,ZZZ\_\_\_\_\_

2.143.3.8. \_\_\_\_\_

**2.144. Gang Designation.**

2.144.1. Purpose. To process input during the initial conversion to terminal security, satellite rehomings, or if you need to re-create your Security File. It can only be processed in demand mode at host bases. This input sets up the security control file for all system designators sharing a gang. It must be the first input image of the 0GV0<ALN>\*USERFILEX. It must be followed by SYS, 1SZB, and 1SZI inputs. At those locations operating with multiple gangs,

be extremely careful and ensure your gang number matches the gang you operate on. If you make an error, the other host accounts may have to re-create their entire Security File.

#### 2.144.2. Input Format.

**Table 2.47. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-4	4 A	Constant	GANG
5	1	Blank	
6	1 N	Primary Gang Number	1, 2, 3, or 4
7-80	74	Blank	

#### 2.145. System Designator.

2.145.1. Purpose. To process input during the initial conversion to terminal security, satellite rehomeing, or if you need to re-create your Security File. It can only be processed in demand mode at host bases. This input sets up the security control file for all system designators within a gang. It must be the second input image of the 0GV0<ALN>\*USERFILEX. It must be behind the GANG input and followed by 1SZB and 1SZI inputs. 1SZ inputs for system designators B0 through E9 are loaded under primary gang account (system designator 01).

#### 2.145.2. Input Format.

**Table 2.48. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3 A	Constant	SYS
4	1	Blank	
5-6	2 AN	System Designator	01, A1
7-80	74	Blank	

#### 2.146. Terminal Security Implementation.

2.146.1. Purpose. To provide procedures for the host security manager to follow for implementing terminal security on the system. These steps should be used if a new host account is being created during host/satellite rehomeing and perhaps during recovery processing or corruptive common bank problems.

2.146.1.1. **STEP 1:** Catalog the file called 0GV0<ALN>\*USERFILEx, where <ALN> equals ALN number, and x equals the primary gang in use (1, 2, 3, or 4).

2.146.1.1.1. EXAMPLE: @CAT,PV 0GV0<ALN>\*USERFILEx.,F///1000

2.146.1.2. **STEP 2:** Create 0GV0<ALN>\*USERFILEx by using IPF or any ASCII editor. Follow format in **Para. 2.147.**

2.146.1.3. **STEP 3:** Process: @XQT 0GV00000\*GVABSUD001.NGVU02

2.146.1.4. **STEP 4:** Process: @XQT 0GV00000\*GVABSUD001.NGVU03

2.146.1.5. **STEP 5:** Optional: If a file and listing is desired of the terminal security control file that is read from the common bank:

2.146.1.5.1. @XQT 0GV00000\*GVABSUD001.NGVU04

## 2.147. Terminal Security File Creation.

2.147.1. Purpose. To provide a means of re-creating the USERFILEX. A sample follows for creating an 0GV0<ALN>\*USERFILE1 for a base with primary gang 1 and system designator accounts 01 and A3. This file must be created by each host account security manager for all satellites on the system. After implementation of terminal security software, satellite updates to the security files will be handled by each satellite security manager via online transactions (1SZs).

2.147.1.1. To create this data file with CTS:

2.147.1.1.1. Enter: >@CTS,IN 0GV0<ALN>\*USERFILE1.

2.147.1.1.2. Enter: input images into 0GV0<ALN>\*USERFILE1

2.147.1.1.2.1. >SAV 0GV0<ALN>\*USERFILE1.

2.147.1.1.2.2. >XCTS

2.147.1.2. To create this data file with editor:

2.147.1.2.1. Enter: >@ED,I 0GV0<ALN>\*USERFILE1.

2.147.1.2.2. Enter the input images into 0GV0<ALN>\*USERFILE1.

2.147.1.2.3. Transmit blank line to get edit mode, then

2.147.1.2.3.1. >EXIT

2.147.1.3. Sample Input Images:

2.147.1.3.1. Input Positions 1-80

2.147.1.3.2. 1      2      3      4      5

2.147.1.3.3. 12345678901234567890123456789012345678901234567890

2.147.1.3.4. GANG 1 Note 1

2.147.1.3.5. SYS 01 Note 2

2.147.1.3.6. 1SZ1AB 01 Note 3

2.147.1.3.7. 1SZ1CW 02 Note 3

2.147.1.3.8. Flags 03 through 57 (omitted) represent other controlled TRICs.

2.147.1.3.9. 1SZIABC1234 BAGDONUTS JOE LGSP JB ISU,TIN,REC,; Note 5

- 2.147.1.3.10. TRM,DOC,AE1 Note 6
- 2.147.1.3.11. 1SZILGSFUA SKINNER RICHARD LGSF HC ALL Note 7
- 2.147.1.3.12. 1SZILGMDK1 HOWARD MOE LGSM MH Note 8
- 2.147.1.3.13. 1SZIJK1234 HOWARD SHEMP LGSP SH ISU,REC Note 9
- 2.147.1.3.14. 1SZILMN123 STOCK CONTROL LGRMR1 SC1 OUT Note 10
- 2.147.1.3.15. 1SZIXYZ456 KIRK WILLIAM LGRMR2 SC2 OUT Note 11
- 2.147.1.3.16. (After all user-IDs for the 01 account that need to access the SBSS database have been entered, then the next input image on 0GV0<ALN>\*USERFILE1. will start the A3 satellite table.)
- 2.147.1.3.17. SYS A3 Note 12
- 2.147.1.3.18. 1SZB1AB 01
- 2.147.1.3.19. (Flags 02 through 56 omitted represent other controlled TRICs.)
- 2.147.1.3.20. 1SZBWPR 57
- 2.147.1.3.21. 1SZIJKLZ SPOCK DR LGSSPI DS ALL Note 13
- 2.147.1.3.22. (Enter any user-ID authorized to process against the SBSS database from this system designator A3 account.)
- 2.147.1.3.23. 1SZIJKL3 SMITH JIMMY T LGSDI JTG ALL
- 2.147.1.3.24. @EOF Note 14

**Note:** 1. First image in 0GV0<ALN>\*USERFILE1., represents primary gang in use. See [Para 2.144](#). 2. Represents start of System Designator 01 table. See [Para 2.145](#). 3. See [Para 2.138](#). for correct format of 1SZB input. See [Para 2.137](#). for mandatory table of controlled TRICs. Any TRICs not found in the table are not controlled and may be processed by every user-ID below. Currently, there are 71 controlled TRICs. 4. Represents the Security Manager for 01 account allowed to process all controlled TRICs including 1SZ. See [Para 2.140](#). for correct 1SZI format. 5. This user-ID is allowed to process any of these controlled TRICs. Input of other controlled TRICs will produce a 301 reject notice. 6. See 1SZI continuation input format. 7. This user-ID is authorized to process every controlled TRIC except for 1SZ. Recommend the ALL option be used for most users on the initial creation and after the branch/flight chiefs specify which TRICs to allow per user-ID, then the Information Assurance Officer can load them via a 1SZA TIP input. 8. This user-ID is allowed to process only uncontrolled TRICs. Any controlled TRIC inputs will result in a 301 reject notice. 9. This user-ID is only allowed to process these two controlled TRICs. 10. This user-ID's terminal will only receive output and is not allowed to input TRICs (controlled or uncontrolled). 11. For each terminal operating under the input page/output page concept a user-ID/password must sign on the output page and must have OUT in positions 53-55 of the 1SZI input. 12. Satellite portion of this file must be provided by the satellite security manager to the host security manager. 13. Represents the security manager for the A3 account authorized



to process all controlled TRICs and 1SZ. 14. Last input image in OGV0<ALN>\*USERFILE1. After creation of this file, save its contents for later use.

## 2.148. Initialization Image.

2.148.1. Purpose. To provide the capability for the AFMC SCM-R Information Technology Activity to start a new SBSS processing day or restart online or offline.

2.148.2. Input Format.

**Table 2.49. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	INT
4	1	Blank	
5	1	Initialization Reinitialization Flag	Note 1
6-7	2	Blank	
8-14	7	Ordinal Date	Note 2
15-16	2	Blank	
17	1	Trace Option	Note 3
18-21	4	NGV255 Frequency Time	Note 4
22-25	4	NGV256 Frequency Time	Note 5
26-80	63	Blank	

### Notes:

1. Enter R to reinitialize beginning-of-day (return from twilight to online). Leave blank and the system reinitializes in the current mode. When in UTILITY or RPTEON mode, the system advances to online.
2. On the initialization after the report end-of-night (RPTEON) processes, the SBSS processing date automatically increases by one when the ordinal date field is blank. However, if the SBSS processing date is to be increased by more than one, enter the appropriate ordinal date. Date entered cannot be equal to or less than the 002-ORDINAL-DATE and limited to no more than 9 days. The ordinal date must be entered on the first day of the year. Maximum date advancement is limited to 9 days.
3. Enter a 1 in position 15 to produce a TIP Trace of the INT process. This will be used by AFMC SCM-R Information Technology Activity personnel to identify and resolve program problems when they occur.
4. Enter the frequency NGV255 will process in HHMM format. Valid entries are 0030, 0100, 0130, or 0200. This is a mandatory entry when ES-S is turned on (001-ADS-FILLER = Y).

5. Enter the frequency NGV256 will process in HHMM format. Valid entries are blank, 0100, 0200, 0300, 0400, 0500, 0600, 0700, or 0800.

### 2.149. SBSS Terminal Control Inputs (COM REM).

2.149.1. Purpose. To be used to control the operation of terminal functions and must be entered via the AFMC SCM-R Information Technology Activity console (057) or pseudo reader.

2.149.2. Input Format.

**Table 2.50. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3 A	Transaction Identification Code	COM
4	1	Blank	
5-7	3 A	Constant	REM
8	1	Blank	
9-10	2 AN	System Designator	Note 1
11-13	3 N	Function Number	Note 2
14	1	Blank	
15-25	11 A	Request Message	Note 3
26-80	53	Blank	

**Notes:**

1. Valid system designators are 01, A1 through A9 or AL. If the system designator is entered and positions 11-13 are blank, then all terminals for that system designator are affected. If AL is entered, all terminals are affected regardless of the system designator.

2. Valid function numbers are 000 through 999. Leave blank when all terminals for system designator entered in positions 9-10 are affected.

3. Authorized messages are as follows:

INIT input affects only BASE-CONSTANTS-2 (014) records that have type equipment codes 21, 28, and 37 with non-pseudo PIDs (less than 99900). This request message moves spaces to the 001-UP-DOWN-FLAG (UP STATUS) provided the PID is active in the system; otherwise it is set to 2. INIT input moves spaces to the database record field 001-OVERRIDE-FUNCTION-NUMBER (UP) and normal input/output is resumed. When AL is entered as a system designator, an interactive communication interface (ICI) ready up (ICIRDYUP) is automatically processed if any system designator has an active ADS interface.

STOP INPUT sets the 001-UP-DOWN-FLAG to 1 if the current status is a space; the 001-TYPE-DEVICE = 21, 28, 37, or 99; the PID is less than 99900; and the function number is not

057. Otherwise, no action is taken. When AL is entered as a system designator, an interactive communication interface ready down (ICIRDYDN) is automatically processed if any system designator has an active ADS interface.

STOP OUTPUT sets 001-OUTPUT-OVERRIDE to 444 if 001-TYPE-DEVICE is 21, 28, 37, or 99; the PID is less than 99900; and function number is not 057. If the STOP OUTPUT is for function number 444, then the 001-OUTPUT-OVERRIDE is set to 445.

DISABLE sets the 001-UP-DOWN-FLG to equal 3 if the following conditions are met: The 001-TYPE-DEVICE is 21, 28, 37, or 99. The PID is not 99900 or greater. The 001-FUNCTION-NBR is not equal to 057.

## 2.150. Status Output Format.

2.150.1. Purpose. To display the status of the SBSS primary database.

2.150.1.1. SBSS SYSTEM/TERMINAL STATUS

2.150.1.2. \*\*\*\*\* 1228 \*\*\*\*\*

2.150.1.3. \*\*\*\*\* SYSTEMS DATA \*\*\*\*\*

2.150.1.4. GANG-NUMBER: 1 SD/ALN-ACT : 01 / 9005 TYPE

2.150.1.5. SEGMENTATION: F

2.150.1.6. SYSTEM-MODE:INLINE LOG OPTIONS: PRI SENSE-SW: OFF/OFF/OFF

2.150.1.7. LAST-TR-NBR: 06575 ORDINAL DATE: 93214

2.150.1.8. TIPFILE-070: 06575 REQ-NBR:00368/00368 REQ-DATE:3192

2.150.1.9. \*\*\*\*\* TERMINAL DATA \*\*\*\*\*

2.150.1.10. FUNCTION-NR: 057 PID:00506 DID:1 UP-DOWN-FLG:

2.150.1.11. EQPMT-CODE : 21 ALTERNATE: BAR CODE ALTERNATE:

2.150.1.12. OUTPUT-TO : OVERRIDE: SITE-ID: G13768

2.150.1.13. PID UP/DOWN: UP PART PAPER: 1

2.150.1.14. \*\*\*\*\* MISC DATA \*\*\*\*\*

2.150.1.15. 1348-1A QUEUE: NTR02P ASSIGNED TO FUNCTION NR 445

2.150.1.16. PUNCH FILE QUEUE: NTR03U ASSIGNED TO FUNCTION NR 442

2.150.1.17. LISTING QUEUE: RPS01 ASSIGNED TO FUNCTION NR 020

2.150.1.18. \*\*\*\*\* INTERFACE DATA \*\*\*\*\*

2.150.1.19. CAMS:INACTIVE CMOS:INACTIVE SC&D:ACTIVE (Note: SC&D is no longer a valid interface.)

2.150.2. Values And Meanings Of The Up-Down-Flag.

**Table 2.51. Values and Meanings of the Up-Down-Flag.**

VALUE	DESCRIPTION
-------	-------------

space	<ul style="list-style-type: none"> <li>- Terminal is signed on and capable of input and output. This status can be obtained by the following operations:</li> <li>-- The current status is 2 and an *OPEN input is processed.</li> <li>-- A COM REM INIT is processed with the following conditions met: <ul style="list-style-type: none"> <li>--- The position identifier (PID) is currently signed on through the EXEC.</li> <li>--- The 014-TYPE-DEVICE is 21, 28, 37, or 99.</li> <li>--- The PID is not 99900 or greater.</li> </ul> </li> </ul>
1	<ul style="list-style-type: none"> <li>- Terminal is marked as an OUTPUT ONLY device. Inputs are rejected by the SBSS to the user. This status can only be set by a COM REM STOP INPUT transaction.</li> </ul>
2	<ul style="list-style-type: none"> <li>- Terminal is marked down--no input or output. However, processing an *OPEN from that terminal will change the value from 2 to a space, thus allowing both input and output. This status can be obtained by the following operations:</li> <li>-- The last user processed an \$\$CLOSE.</li> <li>-- An END image is processed and the status at the time of the END image is either a space or a 1.</li> </ul>
3	<ul style="list-style-type: none"> <li>- Terminal is marked down--no input or output. In addition, the processing of an *OPEN will be rejected by the SBSS. A COM REM INIT must be processed for a terminal in this condition before the user can successfully process and *OPEN and begin SBSS transaction processing.</li> <li>-- <b>Note:</b> This status can be set only by a COM REM DOWN transaction.</li> </ul>

### 2.150.3. Other Inputs that affect the UP-DOWN-FLAG.

**Table 2.52. Other Inputs that Affect the Up-Down-Flag.**

VALUE	DESCRIPTION
END IMAGE	Any function other than 057 which has a 001-UP-DOWN-FLG less than 2 is set to 2. If the 001-UP-DOWN-FLG is 3, it remains unchanged.

\$\$CLOSE	Sets the 001-UP-DOWN-FLG to 2.
*OPEN	If the 001-UP-DOWN-FLG equals 2, then it is changed to a space. If the 001-UP-DOWN-FLG equals 3, then the input is rejected to the user. If the 001-UP-DOWN-FLG equals 1, then it remains unchanged.

### 2.151. Terminal Messages (MSG).

2.151.1. Purpose. To provide input for intercommunication between terminals. The following explains the input/output format:

2.151.2. Input Format.

**Table 2.53. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	MSG
4-5	2 AN	From System Designator	Note 1
6-8	3 N	From Function Number	Note 1
9-10	2 AN	To System Designator	Note 2
11-13	3 N	To Function Number	Note 2
14-80	67 AN	Message	Note 3
<b>Notes:</b> 1. The system designator (SD) and function number of originator may be entered. If positions 4-8 are blank, the SD and function number of the input terminal are used. 2. The system designator and function number must be entered if a message is to be sent to an individual terminal. If a message is to be sent to all up terminals, enter the system designator in positions 9-10 and enter ALL in positions 11-13. 3. Message text is limited to 67 alphanumeric characters and special characters that do not perform control functions in terminal transmissions.			

### 2.152. End-Of-Day Image (TRIC END).

2.152.1. Purpose. To change the SBSS database from online to twilight. If the 001-UP-DOWN-FLAG equals a space or 1, the 001-UP-DOWN-FLAG is set to 2 (no input or output allowed). Also, if any system designator has an automated data system (ADS) interface active, it processes an ICIRDYDN (marks ICI processor down). Any attempt to input data results in a notice to the input terminal that the SBSS is in the twilight mode and inputs will not be accepted. If the remote processing station ( AFMC SCM-R Information Technology Activity) does not want terminals signing on and processing immediately after restarting online (that is, manual processing), then the AFMC SCM-R Information Technology Activity will process a

COM REM AL DISABLE before or after the END image processing. Terminals will then be unable to input until initialized. A COM REM AL INIT input allows the user to sign on and immediately start processing when online.

#### 2.152.2. Input Format.

**Table 2.54. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	END
4-80	77	Blank	

### 2.153. ICI Processor Start/Stop.

2.153.1. Purpose. To initialize the ICI processor, which allows inputs by other ADSs to the SBSS database or to mark the ICI processor down, thereby prohibiting inputs by other ADS interfaces. Use this input anytime it is desired to stop another ADS from inputting to the SBSS database and it is not feasible to run the END image (EXAMPLE: STR processing).

#### 2.153.2. Input Format.

**Table 2.55. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-8	8 A	Constant	“ICIRDYUP” or “ICIRDYDN” as applicable

### 2.154. Limited ADP System Control Keyins.

2.154.1. Purpose. To provide keyins to be entered by placing PAGE 2 of the console in console mode (enter @@CONS and press transmit). When the SOE character is returned, enter the appropriate command. Use of these keyins should not be abused. Use of keyins are recorded to the system log along with the user-ID of the individual that executed them. See Unisys OS 1100 Executive System Software Operations Reference Manual, volume 1: Procedures (UP-7928.16), for detailed guidance on use of these keyins.

#### 2.154.2. Limited ADP System Control Keyins.

**Table 2.56. Limited ADP System Control Keyins.**

KEYIN	DESCRIPTION
FF qualifier*filename.	Displays all run-IDs or common filename sections having a specific cataloged file assigned.

FS,ALL component	Requests the status of all DMC components (valid components are CPU, IOU, MS, CMOD) down, including the control unit level.
FS,B	Requests the status of main storage.
FS,CM	Requests the status of all channel modules configured in the DMC.
FS,COM	Requests the status of all communication functions configured in the DMC.
FS,DISKS	Requests the status of all disk devices configured in the DMC.
FS,MEM	Requests the status of all storage modules configured in the DMC.
FS,MS	Requests the status of all mass storage functions configured in the DMC.
FS,TAPES	Requests the status of all tape functions configured in the DMC.
SS	Displays a detailed system status report.

### 2.154.3. Run Status Keyins.

**Table 2.57. Run Status Keyins.**

KEYIN	DESCRIPTION
BL	Displays all backlog runs; those in initial facility hold are preceded by an asterisk.
BL D	Displays the detailed information of all runs in backlog. The runs are ordered by priority except the held runs.
BL Dnn	Displays the detailed information of the first nn runs.
RC run-ID	Displays specific information on backlog runs, active runs, and runs which have terminated but have output files remaining.
T	Displays the run-ID/site-ID of all active runs; those in main storage are indicated with a plus (+) sign.
T,B	Displays the run-ID/site-ID of all active batch runs; those in main storage are indicated with a plus (+)sign.

T,B D	Displays the detailed information of all active batch runs.
T,D	Displays the run-ID/site-ID of all active demand runs; those in main storage are indicated with a plus (+)sign.
T,D D	Displays the detailed information of all active demand runs.
T D	Displays the detailed information of all active runs.
T H	Displays all runs held and why they are being held.

## 2.154.4. Symbiont Control Keyins.

**Table 2.58. Symbiont (SM) Control Keyins.**

KEYIN	DESCRIPTION
SM sname	Displays status of symbiont device.
SM sname E	Terminates printing of current print file. File is removed from the system.
SM sname I	Initiates an inactive device or resumes device operation.
SM sname R ALL	Reprints the entire file. Printer does not automatically realign paper.
SM sname R xxx	Reprints the xxx number of pages. Printer does not automatically realign paper.
SM sname R +xxx	Skips xxx number of pages before beginning reprint. Printer does not automatically realign paper.
SM sname S	Suspends device operation.
<b>Note:</b> The following SQ commands are valid once you have executed an @SQ command:	

**Table 2.59. Symbiont (SQ) Control Keyins.**

KEYIN	DESCRIPTION
SQ	Displays the Overview status (number of files, estimated pages and/or images, and number of tapes) for all output symbiont devices and groups.



SQ sname	Displays the Overview status for a specific device for symbiont group.
SQ sname *	Displays the filenames, number of pages or images, and priority for specific device or group.
SQ run-ID *R	Displays the filenames, number of pages or images, priority, and rank for the given run-ID.
SQ run-ID x	Changes priority to x for all files queued by run-ID; changes priority for SQ run-ID file x specific file (x may be 0, 1 or A through a).
SQ sname 1 TO sname 2	Redirects future files for sname 1 to sname 2.
SQ sname 1 QTO sname 2	Redirects present queues for sname 1 to sname 2.
SQ run-ID file QTO user-ID/U	Redirects a specific file to user-ID.
SQ run-ID file QTO sname 1	Redirects a specific file to sname1.
SQ user-ID *U	Displays filenames, number of pages or images, and priority for user-ID.
SQ USR*ID	Displays files queued to user-IDs.
SQ USR*ID*	Displays filenames, number of pages or images, and priority for files queued to any user-IDs.

## 2.154.5. TIP Keyins.

**Table 2.60. TIP Keyins.**

KEYIN	DESCRIPTION
AP n FS	Gives status of TIP applications where n may be an application number or ALL.
AT n FS	Gives the status of n (specified audit trail tape). Where n equals a number or ALL for all audit trail tapes.
TP RC *run-ID	Lists run condition information about a specific execution of a transaction program, which you identify by the TIP-generated run-ID.
TP T	Lists the status of all programs currently active in the system.
TP T program-name	Lists the status of the currently active transaction program, which you specify by program name.
TP TIP	Displays the status of transaction programs.

**2.155. Day Image.**

2.155.1. Purpose. To alter the requisition date and process various input parameters for the file status, releveing, and follow-up processes.

**Table 2.61. Day, Follow-up, File Status, and Releveling Format.**

<b>DAY</b>		
<b>POS</b>	<b>FIELD DESCRIPTION</b>	<b>REMARKS/NOTES</b>
1-3	DAY	Constant
<b>DAY ADVANCE FORMAT</b>		
<b>POS</b>	<b>FIELD DESCRIPTION</b>	<b>REMARKS/NOTES</b>
4	DAY ADVANCE	1 - 9/Note 1
<b>FOLLOW-UP FORMAT</b>		
<b>POS</b>	<b>FIELD DESCRIPTION</b>	<b>REMARKS/NOTES</b>
5-6	FOLLOW-UP	RF, SF, ZF, DF/Note 2
<b>FILE STATUS FORMAT</b>		
<b>POS</b>	<b>FIELD DESCRIPTION</b>	<b>REMARKS/NOTES</b>
5-6	FILE STATUS	RS/Note 3
8-9	SYSTEM DESIGNATOR	space, 01, A1-A9/Note 4
10	TYPE SRAN	space, B, E, K/Note 5
11	BUDGET CODE	space, 1, 8, 9, X = all alpha codes/Note 6
12	TYPE EXCESS	1, 3 - 9, space, D, F, G, L, Q, R/Note 7
13-18	NUMBER OF RECORDS	1 - 999999/Note 8
<b>RELEVELING FORMAT</b>		
<b>POS</b>	<b>FIELD DESCRIPTION</b>	<b>REMARKS/NOTES</b>
5-6	RELEVELING	RR/Note 9
8-9	SYSTEM DESIGNATOR	space, 01, A1-A9/Note 4
10	TYPE SRAN	space, B, E, K/Note 5
11	BUDGET CODE	space, 1, 8, 9, X = all alpha codes/Note 6
12-13	ERRCD	space, XF, XB, XD, RC = all XD and XF/Note 10
14	ROUTING IDENTIFIER	spaces, F, S, G, J, X = all others/Note 11

**Note:**

1. Enter 1 - 9 to advance the 002-REQUISITION-DATE. Nine days maximum.
2. RF - start/restart follow-up SF - stop follow-up ZF - zeros the 002-1ST-DBK-FLP and 002-NXT-DBK-FLP, resets the 026-TYP-DTL-FLP to equal I for due-in-details (type detail 202).
3. Enter RS to build the XCS-FILE. This builds the file XCS-FILE based upon the parameters from the FILE STATUS selection criteria.
4. Enter selective SYSTEM DESIGNATOR(01-A1-A9) or space for all.
5. Enter selective TYPE SRAN (B, E, or K) or space for all.
6. Enter selective BUDGET CODE 8, 9, space for all, or X for all alpha codes. Note file status must be processed for all Budget Code 8 items and all items with alpha Budget Codes within the first week of a new quarter.
7. Enter selective TYPE EXCESS category 1, 3, 9, D, F, G, L, Q, R, or space for all.
8. Enter from 1 through 999999 records.
9. Enter RR to build the LVL-FILE. This builds the file LVL-FILE based upon the parameters from the RELEVELING selection criteria.
10. Enter selective ERRCD, space for all ERRCD codes or RC for all others except XF, XB, or XD.
11. Enter selective ROUTING IDENTIFIER, space for all RIDs or X for all except F, S, G, or J.

**2.156. Pseudo Load/Activate Input (PSU).**

2.156.1. Purpose. To designate start, stop, or write images to the pseudo area (with security checks). Maximum images for each pseudo area are: 15,000 for images that are 80 positions in length. For images that are over 80 positions in length, 6,000 is the maximum amount of images that the pseudo will accept without aborting. If images are mixed lengths, suggest limit images to 6,000. When these limits are exceeded, NGV221B will automatically place excess images in an overflow file xGV0\*GV221BUD00y. (x equals primary gang number and y equals 1 or 2 for pseudo 1, 3 or 4 for pseudo 2, and 5 or 6 for pseudo 3). When the particular pseudo area is empty, the overflow file will automatically be loaded to the applicable pseudo.

2.156.2. Input Format.

**Table 2.62. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3	Transaction Identification Code	PSU
4	1	PSU Queue (mandatory for START, STOP, or LOAD)	Note 1

5	1	Blank	
6-11	6	LOAD, START, STOP, STATUS	Note 2
12	1	Blank	
13-37	25	Qualifier*Filename. (optional)	Note 3
38-39	2	Blank	
40-41	2	System Designator (optional)	Note 4
42-44	3	Function Number (optional)	Note 4
45-50	6	USER-ID (mandatory)	Note 5
51-80	30	Blank	

**Notes:**

1. Must enter a 1, 2 or 3.

2. LOAD = Loads images to the pseudo reader without processing any of the images. Pseudo status will display OFF. User-ID is mandatory.

START = Loads and starts processing images immediately. Pseudo status will display ON. User-ID is mandatory.

STOP = Stops processing pseudo images and turns pseudo off. Pseudo status will display OFF.

STATUS = Displays the status of an individual pseudo by entering a pseudo queue in position 4. If position 4 is left blank, status of all pseudos will be displayed.

3. Enter the filename of the data file to be processed through the pseudo. May be a 12-position qualifier and a 12-position filename (qualifier filename) must be separated by an asterisk. May be blank when images follow a PSU image in a NGV801 runstream.

4. This entry is used for redirecting output documents. If a valid system designator/function number has been entered, output of the pseudo images are redirected to that specific system designator/function number.

5. This entry is mandatory when LOAD or START are used and a filename is entered in positions 13-37. USER-ID is checked for validity against the SBSS Security File. If USER-ID is authorized to process all TRICs entered in the filename, then the pseudo will process as normal. If the USER-ID is unauthorized to process one or more TRICs within the file, the pseudo will not load ANY of the images from the specified file and a S045 MGT notice will result displaying the TRICs that were unauthorized.

**2.157. Pseudo Delete.**

2.157.1. Purpose. To delete unprocessed images previously loaded to the pseudo reader area. It may be processed only during end-of-day in twilight mode. The pseudo reader area is scanned for each input immediately following the PSU image and preceding the STOP image. An 80-character compare is performed of the image on the SBSS database versus the input

image prior to deletion from the pseudo reader area. An S900 notice is produced for records not located. This input must be processed in batch mode only (002-FLG-A = space) and must be processed through NGV221B procedures. An S040 REJ notice will be sent to the AFMC SCM-R Information Technology Activity operator if this is processed through the AFMC SCM-R Information Technology Activity console (TIP screen).

#### 2.157.2. Input Format.

**Table 2.63. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-3	3 A	Transaction Identification Code	PSU
4	1 N	PSU Queue	
5	1	Blank	
6-11	6 A	Constant	Delete
12-80	67	Blank	

#### 2.158. Pseudo Job Stream Examples.

2.158.1. Purpose. To load images to the pseudo area.

2.158.1.1. @RUN NGVPSU,,xGV0 (x equals primary gang)

2.158.1.2. @SYM PRINT\$.,,RPS08

2.158.1.3. @XQT 0GV00000\*GVABSUD001.NGV221B (do not use NGV801)

2.158.1.4. PSUxxxxxxx (x equals options)

2.158.1.5. (DATA IMAGES OR @ADD TO A FLAT FILE,

2.158.1.6. THIS IS OPTIONAL)

2.158.1.7. @FIN

#### 2.159. Rebuild PSEUDO-GV Area.

2.159.1. Purpose. To rebuild PSEUDO areas. There may be times when the PSU DELETE is not effective to clear out the pseudo area. Although there are several ways to rebuild this area, the following examples are used for different situations. In any case, you must ensure that the SBSS is offline and positively no users may have access to the database until after these procedures have been completed. Remember to save your current pseudo images to a safety file. After any rebuild/recovery selected, ensure to IRU dump your primary database.

##### 2.159.1.1. EXAMPLE:

2.159.1.1.1. @ADD 0GV0<ALN>\*DBRUN\$.DMU

2.159.1.1.2. INITIALIZE AREA PSU-GV-x (x = primary gang)

2.159.1.1.3. @EOF

**2.160. RPTRUN Image.**

2.160.1. Purpose. To copy the primary database to the secondary database for reports processing. Once all online and essential twilight processing has been completed this report image builds the applicable secondary database for mandatory end-of-day reports processing. When processed on the secondary database it breaks the reports sequence control record (520); thus, allowing reports to be processed out of sequence. Caution must be used anytime this image is to be processed.

2.160.2. Input Format.

**Table 2.64. Input Format.**

	NO		
POS	POS	FIELD DESCRIPTION	REMARKS/NOTES
1-6	6 A	Constant	RPTRUN
7-78	72	Blank	
79	1 A	Bypass CTH Dump	Note 1
80	1 N	Asterisk or Blank	Note 2
<b>Notes:</b> 1. Enter a B to bypass taking a dump of the CTH records during crossover. Leave blank to create a weekly CTH dump after the “ALL” option of NDA500 is processed. See Ch 2 for CTH dumps. 2. An asterisk entered in input image 80 will by-pass the mandatory IRUDUMP of the secondary database once RPTRUN (crossover) has been completed. This option can only be approved by MAJCOM or AFMC SCM-R Information Technology Activity since it could destroy the recovery capability of the primary and secondary databases.			

**2.161. Standard SBSS Files.**

2.161.1. Purpose. To provide a list of standard SBSS filenames and procedures for recovering the files.

2.161.2. Standard SBSS Files.

**Table 2.65. Standard SBSS Files.**

FILENAME	BACKUP FILENAME	BACKUP FREQ	RCV PROC
0GV00000*DBALIB\$.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV00000*DBWORK.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV00000*FIXRECFILE.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV00000*INQUIRY.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV00000*REJNOT.	0GV0*GVEXECUT001.	Note 1	Note 4

0GV00000*REL-SCREENS.		Note 11	
0GV00000*SAV-SCREENS.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV00000*REL-FORMS.		Note 11	
0GV00000*SAV-FORMS.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV00000*GV003UD205.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV00000*GV003UD215.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV00000*GVABSUD001.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV00000*GV801CUD001.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV00000*GVSSGUD001.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV0<ALN>*DBRUN\$.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV0*FIXPUTFILE.	0GV0*GVEXECUT001.	Note 1	Note 4
0GV0*USERFILEX.	0GV0*GVEXECUT001.	Note 1	Note 4
GV\$\$0000*GVECLUD001.	0GV0*GVEXECUT001.	Note 1	Note 4
GV\$\$0000*TCBRUN\$.	0GV0*GVEXECUT001.	Note 1	Note 4
DMS*SBSS-SCHEMA.	0GV0*GVEXECUT001.	Note 1	Note 4
TIP\$*TIPABS\$.	0GV0*GVEXECUT001.	Note 1	Note 4
TIP\$*HVTLB1.	None	Note 9	Note 2
TIP\$*HVTLB3.	None	Note 9	Note 2
TIP\$*<ALN>\$\$000045.	None	Note 9	Note 3
TIP\$*<ALN>\$\$000046.	None	Note 9	Note 3
TIP\$*<ALN>\$\$000048.	None	Note 9	Note 4
TIP\$*<ALN>\$\$000070.	None	Note 12	
TIP\$*<ALN>\$\$000177.	None	Note 9	Note 5
TIP\$*<ALN>\$\$000231.	None	Note 9	Note 6
TIP\$*<ALN>\$\$000369.	None	Note 9	Note 7
TIP\$*<ALN>\$\$000370.	None	Note 9	Note 8

**Notes:**

1. These files are released by AFMC SCM-R Information Technology Activity except FIXPUTFILE and USERFILEx which are base unique. The following runstreams should be executed each time a new SBSS program release has been received and loaded. Also all subschemas are released by AFMC SCM-R Information Technology Activity. SBSS-SCHEMA is ALN unique.

For SBSS Exempt files:

```
@START 0GV00000*DBWORK.CREATE/GVEXECUT001
```

For SBSS ALN unique:

```
@START 0GV0<ALN>*DBRUN$.CREATE/ALN-EXEC
```

2. To re-create Libraries 1 and 3, process the following runstream. It affects all SBSS users at your DMC. Close coordination is mandatory.

```
@START GV$$0000*TCBRUN$.CREATE/LIB
```

3. To re-create these files, process the following runstream. Affects your applicable ALN only.

```
@START GV$$0000*TCBRUN$.TIPSETUP
```

4. This TIP file is used by DPS (Display Processing System). If this file needs to be re-created, refer to your DMC for guidance.

5. To rebuild this file, process the following runstream. Affects your applicable ALN only. This rebuilds screen file SCRNF177.

```
@START GV$$0000*TCBRUN$.CREATE/GV-SCREENS
```

6. To re-create this file, process the following runstream which effects your applicable ALN only.

```
@START GV$$0000*TCBRUN$.CREATE/GV-231
```

7. To re-create this file, process the following runstream which effects your applicable ALN only. Process if persistent errors with TRIC INQ. TCB filename SBSS-INQ.

```
@START GV$$0000*TCBRUN$.CREATE/GV-INQUIRY
```

8. To re-create this file, process the following runstream. Affects your applicable ALN only.

```
@START GV$$0000*TCBRUN$.CREATE/GV-FORMS
```

9. These files are not on EXEC dump tapes.



10. The FIXRECFILE is saved on the SBSS EXEMPT tape and the FIXPUTFILE is saved on the SBSS NON-EXEMPT tape. The following will re-create these files if you do not want to recover these two files from tape. However, if you are on a DMC you must notify all other ALN gang 1 OPRS because the FIXRECFILE is exempt and accessed by all ALN numbers on the DMC:

```
@START 0GV0<ALN>*DBRUN$.CREATE/FIXREC
```

11. These two files are released from AFMC SCM-R Information Technology Activity for each new screen and/or forms. The following runstreams are displayed to explain each function. Each of these affects your applicable ALN only.

```
@START GV$$0000*TCBRUN$.LOAD/GV-SCREENS copies the release file
0GV00000*REL-SCRRENS. into 0GV00000*SAV-SCREENS., then updates TIP file
TIP$*<ALN>$$000177. (SCRNF177).
```

```
@START GV$$0000*TCBRUN$.CREATE/GV-SCREENS copies the in-use file
0GV00000*SAV-SCREENS. into TIP$*<ALN>$$000177. TCB filename SCRNF177.
```

```
@START GV$$0000*TCBRUN$.LOAD/GV-FORMS copies the release file
0GV00000*REL-FORMS. into 0GV00000*SAV-FORMS., then updates TIP file
TIP$*<ALN>$$000370.
```

```
@START GV$$0000*TCBRUN$.CREATE/GV-FORMS copies the in-use file
0GV00000*SAV-FORMS. into TIP$*<ALN>$$000370. TCB filename SBSS-1348.
```

12. To re-create this file process the following runstream:

```
@START GV$$0000*TCBRUN$.NGVU72
```

This will reset the 002-REQUISITION-SER-NBR to equal 0001.

## **2.162. File Recovery From SBSS Backup Tapes.**

2.162.1. Purpose. To recover standard SBSS filenames from tape. The procedures described in this paragraph require access to a demand terminal and only apply to the SBSS backup tapes created using the following runstreams. Gang 1 on each ALN is responsible for coordination with all users, including other ALNs assigned to your DMC. If an exempt file needs to be reloaded, the systems monitor for each ALN must coordinate when and how. You may also, if desired, create your own tape backup and restore for your ALN unique files.

2.162.1.1. @START 0GV00000\*DBWORK.CREATE/GVEXECUT001. Exempt SBSS files

2.162.1.2. @START 0GV0<ALN>\*DBRUN\$.CREATE/ALN-EXEC. ALN unique files

2.162.2. Precautions. Prior to utilizing the procedures in the following paragraphs, certain precautions must be taken.

2.162.2.1. The appropriate reel numbers containing the files to be recovered must be cataloged as the current cycle of the appropriate tape file-ID.

2.162.2.1.1. EXAMPLE: 0GV00000\*GVEXECUT001. for exempt files or 0GV0<ALN>\*GVEXECUT001. for non-exempt. This may be verified by processing an @PRT,F against the applicable filename. Therefore, by entering the following command, tape reel numbers can be verified:

2.162.2.1.1.1. @PRT,F 0GV00000\*GVEXECUT001.

2.162.2.1.2. If the file 0GV00000\*GVEXECUT001. is cataloged, a printout similar to the following sample will be obtained:

2.162.2.1.2.1. \* \* PROJ: xxxxxxxx ACCNT: xxxxxxxx \* \*

2.162.2.1.2.2. 0GV00000\*GVEXECUT001(1),U9,B00099/B00098/B00097

2.162.2.1.2.3. MODES: PUBLIC

2.162.2.1.2.4. TAPEMODES: 6250-BPI,ODD-PARITY,8-BIT

2.162.2.1.2.5. CAT: 07/21/93 AT 20:00:00, LAST REF: 07/21/93 AT 21:10:00

2.162.2.1.2.6. In the above example the tape numbers associated with file 0GV00000\*GVEXECUT001. are B00099, B00098, and B00097. The file cycle is 1. The file-ID was cataloged on 21 Jul 93 at 2000:00

2.162.2.2. If the file is cataloged and the correct tape reel numbers are included in the printout, proceed to Entry Commands paragraph below.

2.162.2.3. If the file was not cataloged or if the tape reel numbers to be used for recovery are not correct (such as, tape numbers B00099, B00098, and B00097 listed in the above example are not the correct tape reel numbers to be recovered from), a new catalog entry must be established to reflect the correct tape reel numbers to be used. For example: If the correct tape numbers to be used in the recovery of the above example were B00088 and B00087, the following catalog entry must be processed:

2.162.2.3.1. @CAT,PV 0GV00000\*GVEXECUT001(+1),U9,B00088/B00087

2.162.2.3.2. After the catalog entry has been processed, repeat the actions in paragraph above to verify the catalog process was successful.

2.162.3. Entry Commands. Once the verification described has been successfully accomplished, the following procedures must be executed (using the non-exempt CREATE/ALN-EXEC as an example):

2.162.3.1. Enter:

2.162.3.2. @ERS TPF\$.

2.162.3.3. @ASG,A 0GV0<ALN>\*GVEXECUT001.

2.162.3.4. At this point the DMC operator will receive the appropriate tape mount message:

2.162.3.4.1. @COPY,G 0GV0<ALN>\*GVEXECUT001.,TPF\$.

2.162.3.5. Once the operator has serviced the tape request, the first data file will be read from tape and written into TPF. When the cursor returns and the phrase xxxx number of blocks copied appears, enter the following command:

2.162.3.5.1. @ADD SELECT/FILES (for Exempt files)

2.162.3.5.2. @ADD SELECT/ALN-FILES (for ALN unique files)

2.162.3.6. From this point on, the recovery is a prompted process. Respond to the questions following the instructions provided on the screen.

### 2.163. IRU History/Key File.

2.163.1. Purpose. To provide a list of tapes used in previous IRU dumps or recovery. Any time an IRU dump or recovery is performed, data pertaining to each area is recorded in the IRU history file. This data is very useful in deciding which tape numbers are used in a recovery. This file is printed by executing runstream 0GV0<ALN>\*DBRUN\$.TAPE-NBR/GV-x.

2.163.2. Example. This runstream is set up to provide data on the ITMDTL-GV-x area only. If you want to view any other area, change the runstream to reflect the EXEC filename. An @ADD or @Start of this runstream prints the entire contents. To browse through the file in chronological sequence, input the commands in demand mode. Data for each tape file appears. To look at the next tape file, enter continue. To exit IRU, enter stop.

@RUN TAPE1,,xGV0 . x = gang number

@IRU,UIX . activate IRU

REPORT HISTORY OF DUMPS FILE DMS\$<ALN>\*ITMDTL-GV-1; ACT;

@EOF . exit IRU

FILE : DMS\$<ALN>\*ITMDTL-GV-1

\*\*\*\*\*

file-type : EXEC

file status: AVAILABLE number-dumps : 2

DUMP -----

dump-status : COMPLETE dump-type : STATIC

start-dump-time : 91/02/07 08:31:19

end-dump-time : 93/02/07 08:32:58

audit-trail-tape: H00360 device : U9S

TAPE -----

tape-number : B00064 device-type : U9  
 start-record/page: 1 end-record/page : 8190 start-bsn  
 start-bsn : 1 end-bsn : 2048

2.163.2.1. The assignment of this file is necessary when reload IRU dumps other than the most current. Without assigning this file, you would be prompted for each of the 29 DMS areas to reload. The following runstream shows where to insert the file. See OS 1100 INTEGRATED RECOVERY UTILITY manual (Unisys 7830 8194-000).

2.163.2.1.1. @RUN,A LOADG1,,xGV0

2.163.2.1.2. @SYM PRINT\$.,NTR80P

2.163.2.1.3. @ASG,T APPL01\*IRU\$HF.

2.163.2.1.4. @IRU

2.163.2.2. See OS 1100 INTEGRATED RECOVERY UTILITY manual (Unisys 7830 8194-000) for use of the APPL01\*IRU\$HF. HISTORY FILE and APPL01\*IRU\$KF. KEY FILE.

## **2.164. Description Of Non-DMS 1100 Files Used By SBSS.**

2.164.1. Purpose. To identify all non-DMS 1100 files used by the SBSS.

2.164.2. Non-DMS 1100 Files.

2.164.2.1. Tape File 0GV0\*GVEXECUT001. (Is For Exempt Files). This is from the 0GV00000\*DBWORK.CREATE/GVEXECUT001 element.

2.164.2.2. Tape File 0GV0<ALN>\*GVEXECUT001. (Is For ALN Unique Files). This is from the 0GV0<ALN>\*DBRUN\$.CREATE/ALN-EXEC runstream.

2.164.2.3. DMS\$<ALN>\*SBSS-SCHEMA. This file is built by processing the runstream 0GV0<ALN>\*DBRUN\$.LOAD/SCHEMAS. This runstream copies your SBSS-SCHEMA from file 0GV0<ALN>\*DBRUN\$. and its associated SUB-SCHEMAS from file 0GV00000\*DBALIB\$. Save tape = 0GV0\*GVEXECUT001.

2.164.2.4. 0GV00000\*DBALIB\$. This file is provided with the SBSS program release from the AFMC SCM-R Information Technology Activity. This file contains the database absolutes for database maintenance. Save tape = 0GV0\*GVEXECUT001.

2.164.2.5. 0GV0<ALN>\*DBRUN\$. This file is provided with the SBSS program release from the AFMC SCM-R Information Technology Activity. All runs for SBSS database integrity and verification are contained within. There must be a DBRUN\$ file for each ALN on the DMC. Save tape = 0GV0\*GVEXECUT001.

2.164.2.6. 0GV00000\*DBWORK. This file is provided with the SBSS program release from the AFMC SCM-R Information Technology Activity. It contains miscellaneous documentation elements that are for special releases and elements updated frequently in accordance with this part. Save tape = 0GV0\*GVEXECUT001.

2.164.2.7. 0GV000000\*GVABSUD001. This file is updated by the SBSS program release process. It cannot be updated at base level. Save tape = 0GV0\*GVEXECUT001.

2.164.2.8. OGV00000\*FIXRECFILE. This file can be reestablished at base level by the following runstream: OGV0<ALN>\*DBRUN\$.CREATE/FIXREC. This file is exempt and coordination between all SBSS ALNs must be established prior to execution of this job. Save tape = OGV0\*GVEXECUT001.

2.164.2.9. OGV0<ALN>\*FIXPUTFILE. This file can be reestablished at base level by the following runstream: OGV0<ALN>\*DBRUN\$.CREATE/FIXREC. This file is nonexempt and close coordination between all SBSS ALNs must be established prior to execution of this job. Save tape = OGV0\*GVEXECUT001.

2.164.2.10. OGV00000\*GVSSGUD001. This file is released by AFMC SCM-R Information Technology Activity and not updated at base level. It contains the ECL for all Supply Interface System (SIFS) runstreams. Save tape = OGV0\*GVEXECUT001.

2.164.2.11. OGV00000\*SAV-SCREENS. This file is updated at base level by the SBSS release process. Filename OGV00000\*REL-SCREENS. is released with the new SBSS screens and copies/updates this file. Save tape = OGV0\*GVEXECUT001.

2.164.2.12. OGV00000\*SAV-FORMS. Same as SAV-SCREENS except updated by REL-FORMS. Save tape = OGV0\*GVEXECUT001.

2.164.2.13. OGV00000\*GV801CUD001. This file is released by AFMC SCM-R Information Technology Activity and is not updated at base level unless by AFMC SCM-R Information Technology Activity instructions. Save tape = OGV0\*GVEXECUT001.

2.164.2.14. GV\$\$0000\*GVECLUD001. This file is released by AFMC SCM-R Information Technology Activity and is not updated at base level. Contains the ECL to execute SBSS batch and TIP jobs. Save tape = OGV0\*GVEXECUT001.

2.164.2.15. TIP\$\*HVTB1. This file is not provided with the SBSS program release from the AFMC SCM-R Information Technology Activity. It is cataloged, registered to TIP, and updated by processing the runstream OGV00000\*TCBRUN\$.CREATE/GV-TCB. It contains the FSA NGV208A SBSICP for SBSS and SBSICI for all ICI related transactions. Save tape = NONE.

2.164.2.16. TIP\$\*HVTLB3. Contains all of SBSS TIP transaction programs except SBSICP and SBSICI which are loaded within Library 1 (TIP\$\*HVTLB1.). Save tape = NONE.

2.164.2.17. GV\$\$0000\*TCBRUN\$. This file is released by AFMC SCM-R Information Technology Activity and provides runstreams necessary to set up your TIP environment after a system crash and/or system boot.

## **2.165. Audit Trail History File.**

2.165.1. Purpose. To provide a list of audit trail tapes in the event of an audit trail or STR recovery. Each time an audit trail tape is opened, closed, or swapped, the action is recorded in a history file. This file should be used by AFMC SCM-R Information Technology Activity personnel prior to and after any recovery. Information provided in this file and the IRU history file is sufficient to determine beginning and ending tape numbers and times. Prior to a recovery, review this list and coordinate which tapes are required. After the recovery, this list can be matched against the recovery printed output to ensure a tape was not skipped. Skipping

audit tapes during a recovery will undoubtedly require reprocessing the IRU recovery or the STR recovery. If audit trail tapes have to be skipped, then a STR recovery is required. To print the file, execute 0GV0<ALN>\*DBRUN\$.AUDIT-TRAIL/REPORT. The runstream is as follows:

2.165.1.1. @IRU,UIX

2.165.1.2. REPORT ACI ALL; ACT; . or REPORT ACI LAST 10

2.165.1.3. (for last 10 tapes)

2.165.1.4. EXIT

2.165.1.5. These commands will print a list similar to the following (ACT set is for application 1):

2.165.1.6. \*\*\*\*\* ACI REPORT \*\*\*\*\*

2.165.1.7. EXEC LEVEL : 43R5-13E      SESSION : 0000010

2.165.1.8. REEL    DEVICE LEG TRAIL TIMESTAMP    TYPE    BSN (TBSN)

2.165.1.9. NUMBER STATUS

2.165.1.10. -----

2.165.1.11. H01762 U9S 1 93/02/11 09:39:37 SWAP UNKNOWN UNKNOWN

2.165.1.12. H01623 U9S 1 93/02/11 06:25:43 OPEN 37036 37038 EOT

2.165.1.13. EXEC LEVEL : 43R5-13E      SESSION : 0000007

2.165.1.14. Information needed is the tape number, date/time the tape was opened, and date/time the tape was closed or swapped. The list is in chronological order beginning with the most recent tape number. If the word unknown appears under the BLOCK heading, it usually means it is the tape currently mounted and it has not been closed out. If the I/O status field contains anything other than EOT or OK, contact the DMC for an explanation of the status.

## **2.166. Master Menu.**

2.166.1. Purpose. To provide the AFMC SCM-R Information Technology Activity operator nine options to manipulate terminal, constant, and support images.

2.166.2. Access. The operator enters the following at the command line in demand mode:

2.166.2.1. @XQT 0GV00000\*GVABSUD001.NGV068A

2.166.2.2. Screen 600 displays with the cursor positioned at the gang number field (when the first position of the user's project-ID is not 1, 2, 3, or 4); otherwise, the cursor positions at the ENTER APPROPRIATE OPTION field and the gang number from the project-ID is used.

2.166.3. Actions. When an option is entered, press the TRANSMIT key. Program NGV068A verifies that the gang number is valid and executes the selected option.

2.166.4. Screen Format. The format of the Master Menu (Screen 600) is as follows:

2.166.4.1. SCREEN: /600

## 2.166.4.2. BASE CONSTANT DEMAND PROCESSOR

## 2.166.4.3. OPTIONS DESCRIPTION

- 2.166.4.4. 1     END PROCESSING
- 2.166.4.5. 2     LIST TERMINAL DATA
- 2.166.4.6. 3     INQUIRE/UPDATE TERMINAL DATA
- 2.166.4.7. 4     LIST CONSTANT/SUPPORT DATA
- 2.166.4.8. 5     INQUIRE/UPDATE HOST CONSTANT DATA
- 2.166.4.9. 6     INQUIRE/UPDATE SUPPORT DATA
- 2.166.4.10. 7     UPDATE SBSS WITH NEW TERMINAL DATA (TIP PROCESS)
- 2.166.4.11. 8     UPDATE SBSS WITH CONSTANT DATA (TIP PROCESS)
- 2.166.4.12. 9     VERIFY TERMINAL DATA WITH ADDS AND CHANGES
- 2.166.4.13. GANG NUMBER: [ # ]
- 2.166.4.14. [    ] ENTER SELECTION OPTION
- 2.166.4.15. [   XMIT HERE    ]

**2.167. End Processing.**

- 2.167.1. Purpose. To provide a means to exit the Constant Data Processor (CDP).
- 2.167.2. Access. When you want to exit this program, enter option 1 from any of the seven CDP screens (option 9 from screen 598) and press the TRANSMIT key.
- 2.167.3. Actions. This option exits to Demand mode. Prior to exiting to Demand mode a verification process is accomplished.
- 2.167.4. Verification. No verification is accomplished after option 7 (SEND TERMINAL IMAGES TO TIP) has been processed and no other updates to terminal images have occurred or when exiting the CDP with no updates and the file was previously valid. The verification consists of the following actions:

Checks the output function number linkage for each terminal image and verifies that:

- each output function number leads to a terminal image;
- the output chain does not loop.

Checks the alternate function number linkage for each terminal image and verifies that:

- each function number leads to a terminal image that is loaded;
- the alternate chain is not longer than six function numbers;
- the chain ends with function 445;
- the chain does not loop.

Checks the Bar Code alternate function number linkage for each terminal image. Verifies that:

- each function number leads to a terminal image loaded;
- the chain does not loop.

2.167.4.1. Verifies existence of mandatory terminals for each system designator. The following is a list of the mandatory terminals. These are not the only terminals loaded, but they are the only ones that will cause NGV068A to set the invalid indicator flag.

2.167.4.1.1. 000 (Pseudo reader) must only be loaded for system designator 01.

2.167.4.1.2. 020 (Listing queue) must be loaded for all system designators with terminals.

2.167.4.1.3. 057 (AFMC SCM-R Information Technology Activity terminal) must be loaded only for system designator 01.

2.167.4.1.4. 442 RESERVED.

2.167.4.1.5. 444 (1348 printer) must be loaded for all system designators with terminals.

2.167.4.1.6. 445 (1348 queue) must be loaded for all system designators with terminals.

2.167.4.1.7. 449 RESERVED. 496 (Logistics marking and reading symbol (LOGMARS) Inventory/Warehouse Validation) must be loaded for all system designators with the

2.167.4.1.8. LOGMARS Inventory/Warehouse Validation flag set to ON.

2.167.4.1.9. 498 (Reports safety queue) must only be loaded for system designator 01 when the Report safety queue

2.167.4.1.10. flag is set to ON.

2.167.4.2. Verifies existence of Constant and Support image for the host account.

2.167.4.3. Verifies the existence of support data for each satellite.

2.167.4.4. If errors are detected, a verification listing is created (file xGV0<ALN>\*GV068AUD001.) and sent to the print queue contained in the queue field for the system designator 01 and function 020 terminal image.

2.167.4.5. Sets the indicator on the system designator 00 function 000 image (DID field) to indicate the validity of the terminal file MSAM xGV0<ALN>\*GV068AUD700. This image is not accessible by the operator.

2.167.4.6. Provides messages to indicate whether terminal or constant data can be loaded by NGV068B or NGV269.

## **2.168. List Terminal Data.**

2.168.1. Purpose. To provide a means to print listings of terminal images.

2.168.2. Access. Enter option 2 at the Master Menu (Screen 600) and press the TRANSMIT key.



2.168.3. Printing Data. Screen 598 displays with seven sort options available for selection. When an option is selected, NGV068A displays progress messages on STATUS line (24). These messages indicate the stages involved in printing. When the terminal listing is produced, a message displays indicating that the listing is complete. The listing is sent to the print queue found in the site-ID field of system designator 01, function 020 terminal image. If no function 020 is assigned, the default queue is the system's print queue PR. The listing file is xGV0<ALN>\*GV068AUD001. (where x equals gang, <ALN> equals your ALN). Below is a sample screen 598:

2.168.3.1. SCREEN : /598

2.168.3.2. TERMINAL LISTING SORT OPTIONS

2.168.3.3. OPTIONS DESCRIPTION

2.168.3.4. 1 SYSTEM DESIGNATOR/FUNCTION NUMBER SEQUENCE

2.168.3.5. 2 SYSTEM DESIGNATOR/POSITION IDENTIFICATION (PID) SEQUENCE

2.168.3.6. 3 POSITION IDENTIFICATION/SYSTEM DESIGNATOR SEQUENCE

2.168.3.7. 4 SYSTEM DESIGNATOR/TERMINAL PHRASE SEQUENCE

2.168.3.8. 5 SYSTEM DESIGNATOR/TYPE EQUIPMENT SEQUENCE

2.168.3.9. 6 SYSTEM DESIGNATOR/SITE IDENTIFICATION SEQUENCE

2.168.3.10. 7 SYSTEM DESIGNATOR/PART PAPER SEQUENCE

2.168.3.11. [ 0 ] ENTER APPLICABLE OPTIONS

2.168.3.12. [ XMIT HERE ]

2.168.3.13. [ 8 - RETURN TO MASTER MENU ]

2.168.3.14. [ 9 - END PROCESSING ]

## **2.169. Inquiry Terminal Data.**

2.169.1. Purpose. To provide a screen to create, change, delete, or inquire terminal images and to report batch driver user-IDs.

2.169.2. Access. Enter option 3 from the Master Menu (Screen 600) and press the TRANSMIT key. Screen 603 displays with the cursor positioned at the SYSTEM DESIGNATOR field of the Terminal Data Selection field (see [Para 2.175](#)).

2.169.3. Selecting Data Images. Once screen 603 displays, enter the system designator and function number. After the function number is entered, the cursor moves to the ENTER APPROPRIATE OPTION field. Press the TRANSMIT key, and NGV068A verifies that the system designator is valid, and that the function number is numeric. The program attempts to locate the terminal image for the input system designator and function number.

2.169.3.1. Image is Loaded. If the terminal image is loaded, screen 601 displays the data for the requested image. The operator may move (using TAB or arrow keys) to any field and change data. When all changes have been made, select one of the four options

displayed on the screen and press the TRANSMIT key with the cursor at the XMIT HERE field.

2.169.3.2. Image is Not Loaded. If the terminal image is not loaded, screen 601 displays with blank fields. The message, RECORD NOT LOADED, displays on the Status line (24). The cursor positions at the TYPE EQUIPMENT field. Enter data as needed in the applicable fields. The cursor moves from one field to the next as each field fills. Press TAB or use the arrow keys to skip a field. When all entries are made, select one of the five options displayed on the screen and press the TRANSMIT key with the cursor at the XMIT HERE field.

#### 2.169.4. Screen Format.

2.169.4.1. SCREEN :/601

2.169.4.2. TERMINAL DATA

2.169.4.3. SYSTEM DESIGNATOR: [ 01 ] FUNCTION NUMBER: [ 000 ]

2.169.4.4. TYPE EQUIPMENT: [ 00 ] TYPE PAPER: [ ]

2.169.4.5. TERMINAL DESCRIPTION: [ ]

2.169.4.6. PID NUMBER: [ 00000 ] OUTPUT FUNCTION NUMBER: [ ]

2.169.4.7. ALTERNATE FUNCTION: [ ] BAR CODE ALTERNATE FUNCTION: [ ]

2.169.4.8. QUEUE/SITE-ID/USER-ID:[ ] DEVICE ID: [ ]

2.169.4.9. [ 0 ] ENTER APPROPRIATE OPTION

2.169.4.10. [ XMIT HERE ]

2.169.4.11. AVAILABLE OPTIONS

2.169.4.12. [ 1 - END PROCESSING ]

2.169.4.13. [ 2 - ADD TERMINAL DATA ]

2.169.4.14. [ 3 - CHANGE TERMINAL DATA ]

2.169.4.15. [ 4 - DELETE TERMINAL DATA ]

2.169.4.16. [ 5 - RETURN TO INQUIRY SCREEN ]

2.169.4.17. [ 6 - RETURN TO MASTER MENU ]

2.169.4.18. [ ]

#### 2.169.5. Data Field Entries.

2.169.5.1. System Designator - (two-position A/N). Cannot be blank. Enter the system designator of the device.

2.169.5.2. Function Number - (three-position N). Cannot be blank. See **Para. 2.176.** for function numbers and locations. Functions 000, 020, 057, 442, 444, and 445 are mandatory; 496 is mandatory if the LOGMARS Inventory/Warehouse Validation flag is set to YES; and 498 is mandatory if the REPORTS safety queue flag is set to YES.

Functions 000, 057, and 498 can only be assigned to system designator 01. The remaining functions can be used for all system designators.

2.169.5.3. Input/Output PID - (five-position N). Cannot be zeros or duplicated (valid PIDs are 00001 through 04999). This field will contain the position-ID (PID) which is obtained from your (DMC). Pseudo devices (type equipment 99) or queues (type equipment 10, 11, and 13) use a pseudo PID (pseudo PIDs are 99900 through 99979) which is program assigned. PID 99980 will be used for report batch driver user-ID loads.

2.169.5.4. Device-ID (DID) Flag - (one-position A). This is a protected field. It defines the peripheral unit associated with a terminal for outputting messages. This entry is program NGV068A generated. Available DIDs (device identifiers) are as follows:

2.169.5.4.1. 1 - Printer

2.169.5.4.2. Blank - print queue

2.169.5.5. Type Equipment - (two-position N). Cannot be blank. This defines the type function or equipment assigned to a terminal. Below are the numbers and types of equipment:

2.169.5.5.1. 10 Pseudo Reader

2.169.5.5.2. 11 Output Image Queue

2.169.5.5.3. 13 Listing Queue

2.169.5.5.4. 21 Non-Bar Code Printer/No Printer

2.169.5.5.5. 28 Trilog/4410 Bar Code Printer

2.169.5.5.6. 37 Laser Printer

2.169.5.5.7. 99 Pseudo Device

2.169.5.6. Alternate Terminal - (three-position N). Enter the function number where output is to be sent for printing if primary function is down. The last function in the chain when redirecting output must be function 445. **Note:** This alternate function will only be used when the terminal is down or marked down.

2.169.5.7. Bar Code Alternate Terminal - (three-position N). Enter the function number where bar coded documents are to print. The bar code alternate terminal must have a laser printer, and also have a Type Form Flag equal to a (B) and the Type Equipment Code equal to (37). The function using the Bar Code Alternate option will only print normal DD Form 1348-1A, *Issue Release/Receipt Document*, (Non-Bar Coded Documents), and all documents requiring bar code will be directed to the Alternate Bar Code alternate terminal.

2.169.5.8. Type Form Flag - (one-position A). Constant 'B'.

2.169.5.8.1. DD Form 1348-1A type form setting used in conjunction with the type equipment flag to obtain the following setting.

**Table 2.66. Type Form Options.**

TYPE	TYPE	
------	------	--

FORM	EQUIP	FORMS
B	21	Computer-generated DD Form 1348-1A with no bar code
B	28	Computer-generated DD Form 1348-1A with bar code
B	37	Laser Printer

2.169.5.9. Output Function Option - (3-position N). Enter the function number where output is to be printed. If the assigned function is to receive the output, this field must be blank. If this field contains data, the Alternate Terminal number and the Bar Code Alternate Terminal must be blank.

2.169.5.10. Queue/Site-ID/User-ID - (seven-position A/N). This is a multipurpose field used to identify a device, queue, batch terminal, or a user-ID. Entries are as follows:

2.169.5.10.1. Queue or Device Name. Enter the appropriate NTR device or queue name when the device is an output queue, printer, or a print queue. For example, NTR08R, NTR08U, NTR08P, RPS01. RJPRxx is not a valid device or queue configuration and cannot be used. Queue or device name entries are required for terminals 000, 020, 442, 444 and 445.

2.169.5.10.2. Batch Terminal. Enter demand terminal site-ID when the device is authorized to start batch jobs. For example, G1325C. Currently function number 057 is authorized to start batch jobs. For function 057, enter the site-ID assigned to the demand page of the AFMC SCM-R Information Technology Activity console in this field.

2.169.5.10.3. User-ID. Enter the user-ID used to queue LOGMARS bin labels (terminal 496). The user-ID must be the same ID entered when signing on to the terminal for LOGMARS processing.

2.169.5.11. Reports Batch Driver User-ID Load Instructions. When loading a user-ID to allow an authorized user to initiate batch runs from a demand terminal, use the following fields for user-ID load:

2.169.5.11.1. Type Equipment = Blank

2.169.5.11.2. Type Paper = Blank

2.169.5.11.3. Terminal Description = Blank

2.169.5.11.4. Output Function Number = Blank

2.169.5.11.5. Alternate Function = Blank

2.169.5.11.6. Bar Code Alternate = Blank

2.169.5.11.7. Device ID = Blank

2.169.5.11.8. Input PID = 99980

2.169.5.11.9. USER-ID = Enter user-ID **Note:** All blank fields are automatically updated by NGV068A except the output function number and bar code alternate fields; they remain blank.

2.169.6. Options. The following options are available from screen 601:

2.169.6.1. Option 1 - End Processing. Screen 600 displays, the program accomplishes the verification check, and then terminates.

2.169.6.2. Option 2 - Add Terminal Image. This option is only available when the record is not loaded. The program edits each field and displays appropriate error messages on the STATUS line (24). The cursor positions at the field containing the error. Correct the error and move to the XMIT HERE field and press the TRANSMIT key. When no errors are found, the image is added to the file with the ADD indicator flag set to an A. Screen 603 redisplay awaiting another entry.

2.169.6.3. Option 3 - Change Terminal Image. This option is only available when the record is loaded. The program edits each field and displays appropriate error messages on the STATUS line (24). The cursor positions at the field containing the error. Correct the error, move to the XMIT HERE field, and press the TRANSMIT key. When no errors are found, the image is rewritten to the file with the CHANGE indicator flag set to a C. Screen 603 redisplay awaiting another entry.

2.169.6.4. Option 4 - Delete Terminal Image. This option is only available when the record is loaded. The program does not edit the input. The image is rewritten to the file with the DELETE indicator flag set to a D and the CHANGE indicator is removed if set. If the ADD indicator is already on, the images is deleted from the file. Screen 603 redisplay awaiting another entry.

2.169.6.5. Option 5 - Return to Inquiry Screen. This option returns to Screen 603 with no action for the current image.

2.169.6.6. Option 6 - Return to Master Menu. This option returns to Screen 600 with no action for the current image.

## **2.170. List Constant/Support Data.**

2.170.1. Purpose. To produce a listing of constant and support data for each system designator loaded.

2.170.2. Access. Enter option 4 from the Master Menu (Screen 600).

2.170.3. Printing Data. Screen 600 remains displayed and progress messages display on STATUS line (24). These messages indicate the stages involved in printing. When the constant listing has been built, a message displays indicating that the listing is complete. The listing will be sent to the print queue found in the site-ID field of system designator 01, function 020 terminal record. If no function 020 is assigned, the default queue is the system's print queue PR. Listing file is xGV0<ALN>\*GV068AUD003. (where # equal Gang, <ALN> equals your ALN if ALN is turned ON or DMC number if ALN is OFF).

## **2.171. Host Constant Data.**

2.171.1. Purpose. To provide a screen for adding, changing, or inquiring constant data for the host account.

2.171.2. Access. Enter option 5 from the Master Menu (Screen 600).

2.171.2.1. Constant Loaded. If the constant image is loaded, Screen 602 displays the data for the requested image. The operator may move (using TAB or arrow keys) to any field and change data. When all changes have been made, select one of the three options displayed on the screen.

2.171.2.2. Constant Not Loaded. If the constant image is not loaded, Screen 602 displays with blank fields, and the message, RECORD NOT LOADED, displays on the STATUS line (24). The cursor positions at the BASE NAME field. Enter data as needed in the applicable fields. The cursor moves from one field to the next as each field fills. Press TAB or use the arrow keys to skip a field. When all entries have been made, select one of the three options displayed on the screen.

### 2.171.3. Screen Format (Sample Data).

SCREEN: #602

CONSTANT DATA

SCREEN #: 602

----- DATA FIELDS ----- ENTER APPROPRIATE DATA -----

SYSTEM DESIG: [ 01 ] BASE NAME: [ LANGLEY AFB ] ROUTING ID: [ DKF ]  
 BASE ADDRESS:[ HAMPTON VA 23665 ] MAJCOM CODE:[ 1C ] MICAP:[ ]  
 SHORTAGE COST UNIT MODEL: SPC 2:[ 000 ] SPC 3:[ 000 ] SPC 4:[ 000 ]  
 SHORT COST CUSTO MODEL: SPC 2:[ 012 ] SPC 3:[ 005 ] SPC 4:[ 002 ] OST VAL:[85]  
 STD DEV: [ 1 ] OST IND:[ 0 ] DLA RATE:[0769] LP SURC:[00253] DATA BASE: [ F ]  
 GSA SURC:[00000] GSD SURC:[00253] FUELS SURC:[00067] A&F STATION NBR:[  
 667100 ]

SDP PROJ:[ ] LOCATION:[ MUHJ ] FISCAL YEAR:[ 2005 ] SRAN:[ 4800 ]  
 BC Z \$:550000 SF1080 \$:10000000 EXP MIN \$:000000100000 DBOF MIN \$:000000100000  
 Q06 AF \$:[ 000100000000 ] Q06 DBOF \$:[ 000100000000 ] OTHER \$:[ 000100000000 ]

----- FLAGS/INDICATORS----- ENTER Y OR N -----

LOGMAR RECEIPTS:[ Y ] BENCH STOCK:[ Y ] WHSE VAL/INVENTORY:[ Y ]  
 SHIPMENT:[ N ]

CONUS:[ Y ] AUTODIN CAPABILITY:[ Y ] CONCURRENT PROCESSING:[ Y ] ADS  
 MASS:[ Y ]

GSA DEPOT MAINT:[ N ] GSA SURCHG:[ N ] FUND REQUIREMENT [ N ] ES-S [ N ]  
 ADS BCAS:[ Y ] RDO PRINT:[ N ] SPLIT PRINT:[ Y ] REPORT SAFETY QUEUE:[ Y ]  
 ADS SDP:[ N ] GSA NEG:[N] GSD NEG:[N] LP NEG: [N] NAEW-E-3A:[ N ] SATS-D: [ Y ]  
 DOD FIN REV:[ Y ] R920:[ Y ] DRMO:[ N ] AUTO FUELS HRDW [ Y ] NEWMASS [ Y ]  
 CTH FLG:[ Y ] AFEMS # 1 [ Y ] AFEMS # 2 [ N ] CP FLG:[ 1 ] SATS-A: [ Y ]

-----[ 3 ] ENTER APPROPRIATE OPTION ----[ XMIT HERE ] -----

[ 1 - END PROCESSING ][ 3 - CHANGE CONSTANT DAT ][ 6 - RETURN TO MSTR

MEN ]

[                    ][                    ][                    ]

**Note:** Q06 AF \$ and Q06 DBOF \$ are no longer used since deletion of the Q06 report. Also, ES-S Asset Management uses the SATS codes.

#### 2.171.4. Data Field Entries.

2.171.4.1. System Designator (two-position A/N). Currently, constant data applies only to system designator 01. This entry is stored in the 001-CSB-SD.

2.171.4.2. Base Name (22-position A/N). Cannot be blank. This field provides the base name that is printed on the heading of listings and shipping documents. Enter the name of the CSB. This entry is stored in the 001-CSB-NAME.

2.171.4.3. Base Routing Identifier Code (three-position A/N). Cannot be blank. Enter the routing identifier code applicable to the base AFSRAN. See AFH 23-123, Vol 1, Ch 2, for a listing of these codes. This entry is stored in the 001-CSB-RID.

2.171.4.4. Base Address (22-position A/N). Cannot be blank. Enter the address of the CSB. This entry is stored in the 001-CSB-ADDRESS.

2.171.4.5. MAJCOM Code (two-position A/N). Cannot be blank. This is the MAJCOM code of the CSB. See AFH 23-123, Vol 1, Ch 2, for available codes. This entry is stored in the 001-MAJCOM-CODE.

2.171.4.6. Mission Capability Flag (MICAP). Controls the routing of I023 and I266 management notices when TRIC ISU is processed with a transaction exception (TEX) code 7 or G and a MICAP UJC. Also controls the routing of F402 management notices which are produced when status or a REC is processed for a MICAP due-in. This entry is stored in the 001-MICAP-MGT-NOTICES-FLAG. Entries are as follows:

2.171.4.6.1. 1 - Sends I023 and I266 management notices to function 054 instead of the input terminal. Prints F402 management notices at function 054.

2.171.4.6.2. 2 - Suppresses printing of F402 management notices. Prints I023 and I266 at input device.

2.171.4.6.3. 3 - Sends I023 and I266 management notices to function 054 and suppresses printing of F402 management notices.

2.171.4.6.4. Blank - Prints I023 and I266 at input device and F402 at function 054.

2.171.4.7. Shortage Cost Customer SPC2, SPC3, SPC4, and Unit Model Costs SPC2, SPC3, SPC4 (three-position N). These six fields are the shortage costs associated with the EOQ, cost-to-stock, and cost-not-to-stock policy. Enter numeric values of 000 to 999 for a total of six codes.

2.171.4.7.1. The OST-VAL (2 position N). This field is stored in the 001-filler-4 field. Enter numeric values 01 to 99.

2.171.4.7.2. The Shortage Cost Unit Models are stored in the 001-SPC-2-UNIT through 001-SPC-4-UNIT.

- 2.171.4.7.3. The Storage Cost Customer Models are stored in the 001-SPC-2-CUSTOMER through 001-SPC-4-CUSTOMER.
- 2.171.4.8. Standard Deviation (one-position N). This is a protected field. Program NGV068A generates the standard deviation factor data according to AFI 23-101, Sec 2B, Stockage Policy. This entry is stored in the 001-STD-DEVIATION-FACTOR.
- 2.171.4.9. OST IND (one-position N). This is the Order and Ship Time (OST) indicator. Valid values are 0, 1, 2, 3, or 4. It identifies the regions for OST computation. Field value can be found in **Ch 6**.
- 2.171.4.10. Local Purchase (LP) Surcharge Percent (five-position N). Cannot be zeros. This is the percent of dollar surcharge that is to be added to local purchase price change transactions. Bases enter the current standard surcharge. The surcharge is designed to produce a specific amount of revenue to pay for authorized costs required to operate the SMAG program world-wide. It would be extremely rare that a specific transaction would produce revenue, based upon the assigned surcharge rate, to recover the exact expense incurred on that transaction. The surcharge process is not tailored to an individual transaction and does not explicitly offset transportation costs, nor offset pilferage, damage or other losses on a given transaction.
- 2.171.4.10.1. EXAMPLE: Enter 8.2 as 00820. This entry is stored in the 001-LOCAL-PURCHASE-SURCHARGE.
- 2.171.4.11. Data Base Indicator (one-position (A)). Entries are as follows:
- 2.171.4.11.1. O - Operational Testing Configuration. Valid for AFMC SCM-R Information Technology Activity only.
- 2.171.4.11.2. F - Field Configuration.
- 2.171.4.11.3. T - Test Configuration. Valid for Gunter Annex only.
- 2.171.4.11.4. These entries will be stored in the 001-DATABASE-FLAG.
- 2.171.4.12. GSA Surcharge Rate (five-position N). This is for selected overseas accounts only. GSA surcharge will range from 00.1 to 99.9.
- 2.171.4.12.1. EXAMPLE: 00.1 AS 001. See DFAS-DE 7077.10-M for specific instructions and guidance. This entry is stored in the 001-GSA-SURCHARGE.
- 2.171.4.13. GSD Surcharge Rate (five-position N). GSD surcharge will range from 00.1 to 99.9.
- 2.171.4.13.1. EXAMPLE: 00.1 AS 001. See DFAS-DE 7077.10-M for specific instructions and guidance. This entry is stored in the 001-GSD-SURCHARGE.
- 2.171.4.14. Fuels Surcharge (three-position N) cannot be zeros. They must contain the Fuels Division surcharge furnished by AFMC SCM-R Information Technology Activity. Note: This field is no longer used since fuels are not processed in ILS-S.
- 2.171.4.14.1. EXAMPLE: Enter 7.5 percent as 075. This entry is stored in the 001-FUELS-DIVISION-SURCHARGE.



2.171.4.15. CSB A&F Station Number (six-position A/N). Cannot be blank. This data will be obtained from your A&F materiel representative. This entry is stored in the 310-ACCT-DISB-STATION-NBR.

2.171.4.16. Storage Distribution Project Code (three-position A/N). Enter the project code which identifies stock replenishment requisitions to a specific Stockage Distribution Point (SDP). This entry is stored in the 001-SDP-PROJECT-CODE.

2.171.4.17. Location Code. Cannot be blank. Identifies the geographical location of a base or activity. This entry is stored in the 001-GEOLOC.

2.171.4.18. Fiscal Year (four-position N). Cannot be zeros. This entry reflects the fiscal year from 1 October through 30 September. This entry is stored in the 310-FY-CURRENT.

2.171.4.19. SRAN (four-position). Cannot be blank. Identifies the ship-to activity, ship-from activity, SUPPLEMENTARY ADDRESS, etc., of the CSB. This entry is stored in the 001-CSB-SRAN.

2.171.4.20. Budget-Code-Z-Threshold (six-position N) Enter Whole dollar amount. EXAMPLE: Enter fifty thousand dollars as 050000. This entry is stored in the 001-BUDGET-CODE-Z-THRESHOLD as 50000. Figure must be obtained from the Accounting & Finance materiel representative.

2.171.4.21. SF1080-Min-Dollar (eight-position N) Enter Whole dollar amount. EXAMPLE: Enter fifty thousand dollars as 00050000. This entry is stored in the 310-SF1080-MIN-DOLLAR as 50000.00. Figure must be obtained from the Accounting & Finance materiel representative.

2.171.4.22. Expense-Min-Dollar (twelve-position N) Enter Whole dollar amount. EXAMPLE: Enter fifty six thousand dollars as 000000056000. This entry is stored in the 310-EXPENSE-MIN-DOLLAR as 56000.00. Figure must be obtained from the Accounting & Finance materiel representative.

2.171.4.23. DBOF-Min-Dollar (twelve-position N) Enter Whole dollar amount. EXAMPLE: Enter fifty six thousand dollars as 000000056000. This entry is stored in the 310-DBOF-MIN-DOLLAR as 56000.00. Figure must be obtained from the Accounting & Finance materiel representative.

2.171.4.24. Q06-AF-Min-Dollar (twelve-position N) Enter Whole dollar amount. EXAMPLE: Enter fifty six thousand dollars as 000000056000. This entry is stored in the 310-Q06-AF-MIN-DOLLAR as 56000.00. Figure must be obtained from the Accounting & Finance materiel representative. **Note:** This field is no longer used since deletion of the Q06 report.

2.171.4.25. Q06-DBOF-Min-Dollar (twelve-position N) Enter Whole dollar amount. EXAMPLE: Enter fifty six thousand dollars as 000000056000. This entry is stored in the 310-Q06-DBOF-MIN-DOLLAR as 56000.00. Figure must be obtained from the Accounting & Finance materiel representative. Note: This field is no longer used since deletion of the Q06 report.

2.171.4.26. Other-Min-Dollar (twelve-position N) Enter Whole dollar amount. EXAMPLE: Enter fifty six thousand dollars as 000000056000. This entry is stored in the

310-OTHER-MIN-DOLLAR as 56000.00. Figure must be obtained from the Accounting & Finance materiel representative.

2.171.5. Data Flag Entries. The following fields require an entry of Y (Yes) or N (No) and the entry stored on the database. The pound sign (#) equals the occurrences.

2.171.5.1. LOGMARS Receipt Flag. This entry is stored in the 001-LOG-REC field of the BASE-CONSTANTS-1 record. Entries are as follows:

2.171.5.1.1. Y - Activate LOGMARS receipt processing.

2.171.5.1.2. N - Suppress LOGMARS receipt processing.

2.171.5.1.3. The input of a Y will store an R and an N will store a Blank

2.171.5.2. LOGMARS Inventory and Warehouse Validation Flag. This entry is stored in the (001-LOG-WV-WI(#)). Entries are as follows:

2.171.5.2.1. Y - Activate LOGMARS Inventory & Warehouse Validation processing.

2.171.5.2.2. N - Suppress LOGMARS Inventory & Warehouse Validation processing.

2.171.5.2.3. The input of a Y will store a W and an N will store a Blank.

2.171.5.3. LOGMARS Shipment Flag. NOT USED.

2.171.5.4. Continental United States (CONUS) Flag. This entry is stored in the 001-OVERSEAS-FLAG. Entries are as follows:

2.171.5.4.1. Y - Base is located in CONUS.

2.171.5.4.2. N - Base is located overseas.

2.171.5.4.3. The input of a Y will store a Z and an N will store a O.

2.171.5.5. Defense Data Network (DDN) Capability Flag. This entry is stored in the 001-TYPE-DATA-TRANSCIVE-FLAG. Entries are as follows:

2.171.5.5.1. Y - Base has DDN capability.

2.171.5.5.2. N - Base does not have DDN capability.

2.171.5.5.3. The input of a Y will store a blank and an N will store a 1.

2.171.5.6. Concurrent Processing Flag. This entry is stored in the 001-PRIMARY-SECONDARY-FLAG. Entries are as follows:

2.171.5.6.1. Y - Indicates SBSS system uses Concurrent Processing (dual gang concept).

2.171.5.6.2. N - Indicates SBSS system does not use Concurrent Processing (single gang concept).

2.171.5.6.3. The input of a Y will store a P or an N will store a Blank.

2.171.5.7. General Services Agency (GSA) Depot Maintenance Flag. This entry is used in conjunction with the GSA Surcharge flag and located in the 310-GSA-DEPOT-MAINT-FLAG-HOST. Entries are as follows.

2.171.5.7.1. Y - Base is a Depot Maintenance Service location.

- 2.171.5.7.2. N - Base is not a Depot Maintenance Service location.
- 2.171.5.7.3. IF GSA-DEPOT-MAINT = Y and GSA-SURCHG-APPLS = Y, then a 0 is stored.
- 2.171.5.7.4. IF GSA-DEPOT-MAINT = N and GSA-SURCHG-APPLS = N, then a 1 is stored.
- 2.171.5.7.5. IF GSA-DEPOT-MAINT = N and GSA-SURCHG-APPLS = Y, then a 2 is stored.
- 2.171.5.7.6. IF GSA-DEPOT-MAINT = Y and GSA-SURCHG-APPLS = N, then a 3 is stored.
- 2.171.5.8. GSA Surcharge Applies Flag. This entry is stored in conjunction with the GSA Depot Maintenance flag. Entries are as follows:
  - 2.171.5.8.1. Y - GSA Surcharge applies.
  - 2.171.5.8.2. N - GSA Surcharge does not apply.
  - 2.171.5.8.3. The input of a Y will store a 1 and an N will store a Blank.
- 2.171.5.9. Base Contracting Automated System (BCAS) Flag. Identifies the type system which the Base Contracting Office (BCO) uses. This entry is stored in the 001-MECH-PROCUREMENT-SYS-FLAG. Entries are as follows:
  - 2.171.5.9.1. Y - BCO is operating under the Base Contracting Automated System (BCAS).
  - 2.171.5.9.2. S - BCO is not operating under (BCAS).
  - 2.171.5.9.3. The input of a Y will store a B and an S will store a Blank.
- 2.171.5.10. Fund Requirement Image Flag. This entry will be stored in the 001-TEX-CODE-8-FRC-OPTION. Entries are as follows:
  - 2.171.5.10.1. Y - Fund Requirement (TRIC FRC) images are to be created for equipment backorders containing TEX Code 8.
  - 2.171.5.10.2. N - Requisitions are to be generated for equipment backorders containing TEX code 8.
  - 2.171.5.10.3. The input of a Y will store a 1 and an N will store a Blank.
- 2.171.5.11. Redistribution Order (RDO) Print Flag. This entry will be stored in the 001-RDN-PRINT-OPTION. Entries are as follows:
  - 2.171.5.11.1. Y - MILSTRIP priority 09-15 RDO shipping documents are to be printed on the AFMC SCM-R Information Technology Activity terminal (function 444).
  - 2.171.5.11.2. N - MILSTRIP priority 09-15 RDO shipping documents are to be printed at the applicable warehouse terminal.
  - 2.171.5.11.3. The input of a Y will store a 1 and an N will store a Blank.

2.171.5.12. Split Print Flag. This entry will allow products to be printed at both the region site and base. This entry will be stored in the 001-AFO-PRINT-FLAG. Entries are as follows:

2.171.5.12.1. Y - Print Server is used when turned on for SMAS (Accounting and Finance).

2.171.5.12.2. N - Will send print products to Default device in function 020.

2.171.5.12.3. The input of a Y will store a Blank and an N will store a 1.

2.171.5.13. Report Safety Queue Flag. This entry is stored in the 001-PRINT-QUEUE. Entries are as follows:

2.171.5.13.1. Y - To implement print safety queue. Function 498 must contain a valid queue; for example, RPS01. Duplicate copies of reports, surge listings, and LOGMARS bin labels are placed in the queue for terminal 498.

2.171.5.13.2. N - Print safety queue not implemented.

2.171.5.13.3. The input of a Y will store a 1 and an N will store a Blank.

2.171.5.14. Storage Distribution Flag. This entry is stored in the 001-SDP-FLAG. Only bases operating under industrial funded operations should turn on this flag. Entries are as follows:

2.171.5.14.1. Y - Indicates that Storage Distribution Point is in effect. A Y will store a 1. Use caution before turning on this flag. Database recovery may occur if it is erroneously turned on.

2.171.5.14.2. N - Indicates that Storage Distribution Point is not in effect. The input of an N will store a Blank.

2.171.5.15. Reserved For Future Use

2.171.5.16. Standard Asset Tracking System (SATS) D Flag. This entry is stored in the 001-BCAS-B(#). Entries are as follows:

2.171.5.16.1. Y – Activate routing of auditable Equipment documents to SATS

2.171.5.16.2. N – Suppress routing of auditable Equipment documents to SATS

2.171.5.16.3. The input of a Y will store a D and an N will store a Blank. **Note:** ES-S Asset Management uses the SATS codes.

2.171.5.17. ES-S FLAG. This entry is stored in the 001-ADS-FILLER. Entries are as follows:

2.171.5.17.1. Y – Activate routing of high priority order events and asset balance changes to ES-S.

2.171.5.17.2. N – Suppress routing of high priority order events and asset balance changes to ES-S.

2.171.5.18. DoD Financial Revision Flag. This entry is stored in the 001-FINANCIAL-REVISION-FLAG. Entries are as follows:

- 2.171.5.18.1. Y - Activate the customer due-out obligation for DoD Financial Revision.
- 2.171.5.18.2. N - Suppress the customer due-out obligation for DoD Financial Revision.
- 2.171.5.18.3. The input of a Y will store a 1 and an N will store a Blank.
- 2.171.5.19. Unserviceable (R920) Flag. This entry is stored in the 001-R920-FLAG. Entries are as follows:
  - 2.171.5.19.1. Y - Activate consolidated unserviceable detail option for Intermediate Field Repair Activity/Depot Maintenance.
  - 2.171.5.19.2. N - Suppress consolidated unserviceable detail option for Intermediate Field Repair Activity/Depot Maintenance.
  - 2.171.5.19.3. The input of a Y will store a 1 and an N will store a Blank.
- 2.171.5.20. Defense Logistics Agency Distribution Service (DLADS) Flag. This entry is used and stored in conjunction with the Automated Fuels Flag and will be stored in the 001-MULTIPLE-PURPOSE-FLAG. Entries are as follows:
  - 2.171.5.20.1. Y - Activate DLADS processing.
  - 2.171.5.20.2. N - Suppress DLADS processing.
  - 2.171.5.20.3. If DLADS Flag = Y and Auto Fuels Hardware Flag = Y then a - is stored.
  - 2.171.5.20.4. If DLADS Flag = N and Auto Fuels Hardware Flag = N then a ] is stored.
  - 2.171.5.20.5. If DLADS Flag = N and Auto Fuels Hardware Flag = Y then a 0 is stored.
  - 2.171.5.20.6. If DLADS Flag = Y and Auto Fuels Hardware Flag = N then a Blank is stored.
- 2.171.5.21. Automated Fuels Hardware Flag. This entry is used and stored in conjunction with the Defense Redistribution Management Office Flag. Entries are as follows:
  - 2.171.5.21.1. Y - Automated fuels is operating with enhanced hardware.
  - 2.171.5.21.2. N - Automated fuels is not operating with enhanced hardware.
  - 2.171.5.21.3. The input of a Y will store a 1 and an N will store a Blank.
- 2.171.5.22. Consolidated Transaction History (CTH) Implementation Flag. Controls the automated transaction history process. This entry will be stored in the 002-ATH-IMPLEMENTED. Entries are as follows:
  - 2.171.5.22.1. Y - CTH process will place the transaction histories and DCC images in the CTH database.
  - 2.171.5.22.2. N - Normal SBSS processing. A Y will store a 1 and an N will store a Blank.
- 2.171.5.23. AFEMS Flag #1 (AFEMS Flag #1). This entry will be stored in the 001-AFEMS-FLAG. Entries are as follows:

- 2.171.5.23.1. Y - Indicates that AFEMS is active. AFEMS images will be transmitted and received utilizing SIFS/ADRSS interfaces. Affects ALL system designators.
- 2.171.5.23.2. N - Indicates that AFEMS is inactive. No AFEMS images will be sent or received. If received, a reject will result. Affects ALL system designators.
- 2.171.5.23.3. A Y will store a Y and an N will store a blank.
- 2.171.5.24. AFEMS Flag #2 (AFEMS Flag #2). This entry is stored in the 001-FAMS-ACTIVE(1). Entries are as follows:
- 2.171.5.24.1. Y – Indicates AFEMS is active for a particular system designator. AFEMS images are input directly into AFEMS and routed back utilizing incoming BLAMES. To complete the process of changing the AFEMS #2 Flag to ‘Y’, users must take option 8 within Base Constants Processor (NGV068A).
- 2.171.5.24.2. N – Indicates AFEMS is inactive for a particular system designator. Bases use SBSS to input their AFEMS images. **Note:** AFEMS database flag set to a ‘Y’: Equipment transactions for TRICS 1ED, 1ET, FCI, FEC, FED, FER, and FET must originate from the AFEMS system. The transaction will contain an AFEMS indicator and the SRAN sent from the AFEMS system to each base via SIFS and will be automatically sent to pseudo. AFEMS database flag set to a ‘N’: Equipment transactions process as they do today.
- 2.171.5.25. GSA NEG FLAG: This entry is stored in the 001-GSA-SURCHARGE.
- 2.171.5.25.1. Y - Indicates a negative surcharge.
- 2.171.5.25.2. N - Indicates a positive surcharge.
- 2.171.5.26. General Support Division (GSD) NEG FLAG: This entry is stored in the 001-GSD-SURCHARGE.
- 2.171.5.26.1. Y - Indicates a negative surcharge.
- 2.171.5.26.2. N - Indicates a positive surcharge.
- 2.171.5.27. LP NEG FLAG: This entry is stored in the 001-LOCAL-PURCHASE-SURCHARGE.
- 2.171.5.27.1. Y - Indicates a negative surcharge.
- 2.171.5.27.2. N - Indicates a positive surcharge.
- 2.171.5.28. NEWMASS Flag: Reserved For Future Use.
- 2.171.5.29. CP FLAG: This entry is stored in the 001-RESERVED-A(#).
- 2.171.5.29.1. 1 - Indicates the supply account is centrally managed by a AFMC SCM-R Activity.
- 2.171.5.29.2. 0 - Indicates the supply account is managed by the base.
- 2.171.6. Options. The following options and the program actions are available from Screen 602:
- 2.171.6.1. Option 1 - End Processing. Screen 600 displays, the program accomplishes the verification, and the check terminates.

2.171.6.2. Option 2 - Add Constant Image. This option is only available when the record is not loaded. The program edits each field and displays appropriate error messages on line 24. The cursor positions at the field containing the error. Correct the error, move to the XMIT HERE field, and press the TRANSMIT key. When no errors are found, the image is added to the file with the ADD indicator flag set to A. Screen 600 redisplay awaiting another entry.

2.171.6.3. Option 3 - Change Constant Image. This option is only available when the record is loaded. The program edits each field and displays appropriate error messages on line 24. The cursor positions at the field containing the error. Correct the error, move to the XMIT HERE field, and transmit. When no errors are found, the image is rewritten to the file with the CHANGE indicator flag set to C. Screen 600 redisplay awaiting another entry.

2.171.6.4. Option 6 - Return to Master Menu. This option returns to Screen 600 with no action for the current image.

## **2.172. Support Data.**

2.172.1. Purpose. To provide two screens for adding, changing, deleting, or inquiring support data for the host and satellite accounts.

2.172.2. Access. Enter option 6 from the Master Menu (Screen 600). Screen 603 displays with the cursor positioned at the SYSTEM DESIGNATOR field of the CSB/Satellite Support Data Selection field (see [Para 2.175](#)).

2.172.3. Selecting Data Images. Once Screen 603 displays, enter the appropriate system designator. The cursor moves to the ENTER APPROPRIATE OPTION field. NGV068A verifies that the system designator is 01, A1-A9, B0-B9, C0-C9, D0-D9, and E0-E9. The program attempts to locate the constant image for the system designator.

2.172.3.1. If the support image is loaded, Screen 604 (for system designator 01) or Screen 599 (for system designator A1-A9, B0-B9, C0-C9, D0-D9, and E0-E9) displays the data for the requested image. The operator may move (using TAB or arrow keys) to the field and change data. When all changes are made, select one of the four options displayed on the screen.

2.172.3.2. If the support image is not loaded, Screen 604 (for system designator 01) or Screen 599 (for system designator A1-A9, B0-B9, C0-C9, D0-D9, and E0-E9) displays with blank fields. The message, RECORD NOT LOADED, displays on the STATUS line (24). The cursor positions at the FORCE ACTIVITY DESIGNATOR field. Enter data as needed in the applicable fields. The cursor moves from one field to the next as each field fills. Press TAB or use the arrow keys to skip a field. When all entries are made, select one of the four (for satellite Support Data) or five options (for CSB support data) displayed on the screen.

2.172.4. Screen Formats. Two screen formats are provided. Screen 599 is for entry of satellite support data, and Screen 604 is for entry of host support data. Each screen is provided with an explanation of each field.

2.172.4.1. Screen 599 Sample.

SCREEN : 599

## SATELLITE SUPPORT DATA

----- A &amp; F DATA -----

SYSTEM DESIGNATOR: [ A1 ] BASE ROUTING IDENTIFIER: [ DA1 ]

TYPE STOCK RECORD ACCOUNT NUMBER: [ 4821 ] MAJOR COMMAND CODE: [ 0Q ]

OST INDICATOR: [ 2 ]

----- SPECIAL INDICATORS ----- ENTER Y OR N -----

FUELS FLAG: [ Y ] MCS FLAG: [ Y ] GFL FLAG: [ N ]

D32 PRINT FLAG: [ N ] BEAMS FLAG Y ] VIMS FLAG [ Y ]

LOGMARS RECEIPT: [ N ] LOGMARS BENCH STOCK: [ N ] LOGMARS SHIPMENTS: [ N ]

LOGMARS WAREHOUSE/INVENTORY: [ N ] SUPPLY/EQUIPMENT AUTOMONOUS FLAG: [ Y ] FUELS AUTOMONOUS FLAG: [ Y ] GSA DEPOT MAINTENANCE LOCATION: [ N ]

GSA DEPOT SURCHARGE: [ N ] AFEMS #2: [ N ]

----- [ 3 ] ENTER APPROPRIATE OPTIONS -----[ XMIT HERE ] -----

## APPLICABLE OPTIONS

[ 1 - END PROCESSING ]

[ 3 - CHANGE SAT DATA ]

[ 4 - DELETE SAT DATA ]

[ 5 - RETURN TO INQ SCRIN ]

[ 6 - RETURN TO MSTR MENU ]

2.172.4.2. Screen 604 Sample.

SCREEN : /604

## CSB SUPPORT DATA

----- REQUISITION DATA -----

SYSTEM DESIGNATOR: [ 01 ] FORCE ACTIVITY DESIGNATOR: [ 0 ]

----- M &amp; S REQUISITION INDICATORS -----

SUPPLY (B) &amp; EQUIPMENT (E) ACCOUNT

PRIORITY GROUP 1: [ ] GRP 2: [ ] GRP 3: [ ] STOCK

REPLENISHMENT: [ ]

MUNITIONS (FK) ACCOUNT

PRIORITY GROUP 1: [ ] GRP 2: [ ] GRP 3: [ ] STOCK



REPLENISHMENT: [ ]

FUELS (FP) ACCOUNT:

PRIORITY GROUP 1: [ ] GRP 2: [ ] GRP 3: [ ] STOCK

REPLENISHMENT: [ ]

----- [ 0 ] ENTER APPROPRIATE OPTIONS -----

[ XMIT HERE ]

APPLICABLE OPTIONS

[ 1 - END PROCESSING ]

[ 2 - ADD SUPPORT DATA ]

[ 3 - CHANGE SUP DATA ]

[ 5 - RETURN TO INQ SCRIN ]

[ 6 - RETURN TO MSTR MENU ]

2.172.5. Data Field Entries For Screen 599. These entries will be coordinated with the LGLO and A&F Materiel prior to input. When a pound sign (#) is included in the WERE RECORD STORE ELEMENT, this will identify the Satellite occurrences number.

2.172.5.1. System Designator (two-position A/N). This is a protected field--the system designator of the Satellite account which was entered on Screen 603 displays.

2.172.5.2. Routing Identifier Code (RIC) (three-position A/N). This is the RIC assigned to the satellite account. This entry is stored in the 001-SAT-RID(#).

2.172.5.3. SRAN (four-position N). This entry is stored in the 001-SAT-SRAN(#).

2.172.5.4. MAJCOM Code (two-position A/N). This is the MAJCOM code of the satellite account. See AFH 23-123, Vol 1, Pt 1, Ch 2, for available codes. This entry is stored in the 310-MAJCOM-CODE-SAT(#).

2.172.5.5. OST IND (one-position N). This is the Order and Ship Time indicator. Valid values are 0, 1, 2, 3, or 4. It identifies the regions for OST computation. Field value can be found in , Ch 6.

2.172.5.6. Fuels Flag. This entry is used in conjunction with the MCS Flag, and will be stored in the 310-FUELS-MCS-OUTPUT-FLAG field of the A-F-VARIABLE-DATA record. Entries are as follows:

2.172.5.6.1. Y - Output required at satellite.

2.172.5.6.2. N - No output at satellite.

2.172.5.6.3. When input FUELS Flag equals: Y N N Y

2.172.5.6.4. And input MCS Flag equals: Y N Y N

2.172.5.6.5. Then it will be stored on the database as: 0 1 2 3

2.172.5.7. MCS Flag. This entry is used in conjunction with the FUELS Flag, and will be stored in the 310-FUELS-MCS-OUTPUT-FLAG(#).

2.172.5.7.1. Y - Output required at satellite.

2.172.5.7.2. N - No output at satellite.

2.172.5.8. General Funds Ledger (GFL) Flag. This entry will be stored in the 310-GEN-FUNDS-LEDGER-FLAG field of the A-F-VARIABLE-DATA record. Entries are as follows:

2.172.5.8.1. Y - Generate AVFUEL Validation Table List.

2.172.5.8.2. N - Do not generate AVFUEL Validation Table List.

2.172.5.8.3. The input of a Y will store a Y and an N will store an N.

2.172.5.9. D32 Print Flag. This entry will be stored in the 310-S-I-FLG-SAT field of the A-F-VARIABLE-DATA record. Entries are as follows:

2.172.5.9.1. Y - Activate D32 print.

2.172.5.9.2. N - Suppress D32 print.

2.172.5.9.3. The input of a Y will store a 1 and an N will store a Blank.

2.172.5.10. Base Engineering Automated Management System (BEAMS) Flag. This entry is used in conjunction with the VIMS Flag, and will be stored in the 310-BEAMS-VIMS-OUTPUT-FLAG field of the A-F-VARIABLE-DATA record. Entries are as follows:

2.172.5.10.1. Y - Output required at satellite.

2.172.5.10.2. N - No output at satellite.

2.172.5.10.3. When input BEAMS Flag equals:                   Y N N Y

2.172.5.10.4. And input VIMS Flag equals:                   Y N Y N

2.172.5.10.5. Then it will be stored on the database as:   0 1 2 3

2.172.5.11. VIMS Flag. This entry is used in conjunction with the BEAMS Flag, and will be stored in the 310-BEAMS-VIMS-OUTPUT-FLAG(#) field of the A-F-VARIABLE-DATA record.

2.172.5.11.1. Y - Output required at satellite.

2.172.5.11.2. N - No output at satellite.

2.172.5.12. LOGMARS Receipt Flag. This field will not be used for system designators B0 through C9. This entry will be store in the 001-LOG-REC field of the BASE-CONSTANTS-1 record. Entries are as follows:

2.172.5.12.1. Y - Activate LOGMARS receipt processing.

2.172.5.12.2. N - Suppress LOGMARS receipt processing.

2.172.5.12.3. The input of a Y will store an R and an N will store a Blank.

2.172.5.13. LOGMARS Shipment Flag. NOT USED.

2.172.5.14. LOGMARS Inventory and Warehouse Validation Flag. This field will not be used for system designators B0 through C9. This entry will be stored in the 001-LOG-WV-WI(#). Entries are as follows:

2.172.5.14.1. Y - Activate LOGMARS Inventory and Warehouse Validation processing.

2.172.5.14.2. N - Suppress LOGMARS Inventory and Warehouse Validation processing.

2.172.5.14.3. The input of a Y will store a W and an N will store a Blank.

2.172.5.15. Supply and Equipment Autonomous Flag. This entry will be stored in the 310-B-E-ACCT-AUTONOMOUS-FLAG(#). Entries are as follows:

2.172.5.15.1. Y - Satellite account maintains its own supply and equipment funds.

2.172.5.15.2. N - Host account maintains satellite supply and equipment funds.

2.172.5.15.3. The input of a Y will store a Y and an N will store an N.

2.172.5.16. Fuels Autonomous Flag. This entry will be stored in the 310-FUELS-ACCT-AUTONOMOUS-FLAG(#). Entries are as follows:

2.172.5.16.1. Y - Satellite account maintains its own fuels funds.

2.172.5.16.2. N - Host account maintains satellite fuels funds.

2.172.5.16.3. The input of a Y will store a Y and an N will store an N.

2.172.5.17. GSA Depot Maintenance Flag. This entry is used in conjunction with the GSA Surcharge Applies Flag. Entries are as follows:

2.172.5.17.1. Y - Base is a Depot Maintenance Service Location.

2.172.5.17.2. N - Base is not a Depot Maintenance Service Location.

2.172.5.17.3. When input GSA Depot Maintenance Flag equals: Y N N Y

2.172.5.17.4. And input GSA Surcharge Applies Flag equals: Y N Y N

2.172.5.17.5. Then it will be stored on the database as: 0 1 2 3

2.172.5.18. GSA Surcharge Applies Flag. This entry is used in conjunction with the GSA Depot Maintenance Flag and is stored in the 310-GSA-DEPOT-MAINT-FLAG-SAT(#).

2.172.5.18.1. Y - GSA Surcharge applies.

2.172.5.18.2. N - GSA Surcharge does not apply.

2.172.5.19. AFEMS #2 Flag. This entry will be stored in the 001-LOG-EXPAND-2(X). (X = The Satellite occurrences - A1 through A9).

2.172.5.19.1. Y - Satellite is operating under the Fuels Automated Management System (FAMS).

2.172.5.19.2. N - Satellite is not operating under the FAMS.

2.172.5.19.3. The input of a Y will store a Y and an N will store an N.

2.172.6. Data Field Entries For Screen 604. All entries made to this screen are stored on the database the same way as they are put in.

2.172.6.1. System Designator (two-position A/N). This is a protected field. The system designator of the host account which was entered on Screen 603 displays entered on Screen 603 displays.

2.172.6.2. Force Activity Designator (FAD) (one-position N). This identifies the relative order of importance of the activities requesting supplies and equipment. See AFH 23-123, Vol 1, Ch 2. It is used in conjunction with the Urgency of Need Designator (UND), on due-out details, to determine the priority for requisitions, and the release sequence of incoming property. This entry will be stored in the 001-CSB-FAD-CODE.

2.172.6.3. Media Status Code Requisition Indicators for Supplies and Equipment (one-position a). This code is placed in Supply and Equipment requisitions and redistribution orders to advise sources of supply the type of status they are to provide, the media of communications, and the activity to which the status should be directed. There are four groups as follows:

2.172.6.3.1. Priority Group 1 - Priorities 01 through 03. Normally, one of the following codes is used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-PRI-GP1 REQ(1).

2.172.6.3.1.1. K - Exception status sent to requester.

2.172.6.3.1.2. S - 100 percent status sent to requester.

2.172.6.3.2. Priority Group 2 - Priorities 04 through 08. Normally, some of the following codes are used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-PRI-GP2-REQ(1).

2.172.6.3.2.1. K - Exception status sent to requester.

2.172.6.3.2.2. S - 100 percent status sent to requester.

2.172.6.3.3. Priority Group 3 - Normally, one of the following codes is used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-PRI-GP3-REQ(1).

2.172.6.3.3.1. K - Exception status sent to requester.

2.172.6.3.3.2. S - 100 percent status sent to requester.

2.172.6.3.4. Stock Replenishment. Normally, one of the following codes is used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-STOCK-REPL-REQ(1).

2.172.6.3.4.1. K - Exception status sent to requester.

2.172.6.3.4.2. S - 100 percent status sent to requester.

2.172.6.4. Media Status Code Requisition Indicators for Munitions (one-position A/N). This code is placed in Munitions requisitions and redistribution orders to advise sources of supply the type of status they are to provide, the media of communications, and the activity to which the status should be directed. There are four groups as follows:

2.172.6.4.1. Priority Group 1 - Priorities 01 through 03. Normally, one of the following codes is used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-PRI-GP1-REQN(2).

2.172.6.4.1.1. K - Exception status sent to requester.

2.172.6.4.1.2. S - 100 percent status sent to requester.

2.172.6.4.2. Priority Group 2 - Priorities 04 through 08. Normally, one of the following codes is used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-PRI-GP1-REQN(2).

2.172.6.4.2.1. K - Exception status sent to requester.

2.172.6.4.2.2. S - 100 percent status sent to requester.

2.172.6.4.3. Priority Group 3. Normally, one of the following codes is used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-PRI-GP1-REQN(2).

2.172.6.4.3.1. K - Exception status sent to requester.

2.172.6.4.3.2. S - 100 percent status sent to requester.

2.172.6.4.4. Stock Replenishment. Normally, one of the following codes is used; however, other codes in, AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-STOCK-REPL-REQN(2).

2.172.6.4.4.1. K - Exception status sent to requester.

2.172.6.4.4.2. S - 100 percent status sent to requester.

2.172.6.5. Media Status Code Requisition Indicators for Fuels (one-position alpha). This code is placed in fuels requisitions to advise sources of supply the type of status they are to provide, the media of communications, and the activity to which the status should be directed. There are four groups as follows:

2.172.6.5.1. Priority Group 1 - Priorities 01 through 03. Normally, one of the following codes is used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-PRI-GP1-REQN(3).

2.172.6.5.1.1. K - Exception status sent to requester.

2.172.6.5.1.2. S - 100 percent status sent to requester.

2.172.6.5.2. Priority Group 2 - Priorities 04 through 08. Normally, one of the following codes is used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-PRI-GP1-REQN(3).

2.172.6.5.2.1. K - Exception status sent to requester.

2.172.6.5.2.2. S - 100 percent status sent to requester.

2.172.6.5.3. Priority Group 3. Normally, one of the following codes is used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-PRI-GP1-REQN(3).

2.172.6.5.3.1. K - Exception status sent to requester.

2.172.6.5.3.2. S - 100 percent status sent to requester.

2.172.6.5.4. Stock Replenishment. Normally, one of the following codes is used; however, other codes in AFH 23-123, Vol 1, Ch 2, may be used. This entry will be stored in the 001-CSB-STOCK-REPL-REQN(3).

2.172.6.5.4.1. K - Exception status sent to requester.

2.172.6.5.4.2. S - 100 percent status sent to requester.

#### 2.172.7. Options.

2.172.7.1. Option 1 - End Processing. Screen 600 displays, the program accomplishes the verification check, and then terminates.

2.172.7.2. Option 2 - Add Support Image. This option is only available when the record is not loaded. The program edits each field and displays appropriate error messages on the STATUS line 24. When no errors are found, the image is added to the file with the ADD indicator flag set to A. Screen 603 redisplay awaiting another entry.

2.172.7.3. Option 3 - Change Support Image. This option is only available when the record is loaded. The program edits each field and displays appropriate error messages on line 24. The cursor positions at the field containing the error correct the error and retransmit. When no errors are found, the images are rewritten to the file with the CHANGE indicator flag set to C. Screen 603 redisplay awaiting another entry.

2.172.7.4. Option 4 - Delete Satellite Support Image. This option applies to Screen 599 and is only available when the record is loaded. The program does not edit the input. The image is rewritten to the file with the DELETE indicator flag set to D. Screen 603 redisplay awaiting another entry. When this option is selected, proceed to the MASTER MENU and take option 8 to delete the flagged image from the constants data file. This prevents the program from performing edits against the terminal data file and flagging it as being in error.

2.172.7.5. Option 5 - Return to Inquiry Screen. This option returns to Screen 603 with no action for the current image.

2.172.7.6. Option 6 - Return to Master Menu. This option returns to Screen 600 with no action for the current image.

### 2.173. TIP Processing Of Terminal Images.

2.173.1. Purpose. To provide a means for passing terminal images (images in xGV0<ALN>\*GV068AUD700. with the add, change, or delete flag set) to TIP for update of SBSS database records.

2.173.2. Access. Enter option 7 from the Master Menu (Screen 600).

2.173.3. Transmitting Data. Screen 600 remains displayed and progress messages display on STATUS line 24. These messages indicate the stages involved in transmitting to TIP. NGV068A verifies that the terminal data are correct (see [Para 2.167](#)). If the verification edits are not passed, no images are passed to TIP. If edits are passed, the xGV0<ALN>\*GV068AUD700. file is read and those terminal images with an add, change, or delete flag are selected for processing. Selected images are sorted in sequence according to

delete, change, add flags, and system designator. NGV068A formats a CON and sends it to TIP. NGV209 accepts the input and calls NGV269 for processing. Once the image has been sent to TIP, all flags are cleared on the image and it is rewritten to file (for add and change images) or deleted from the file (for a delete image). When all images are read, a TRANSMISSION COMPLETE message displays giving the total images sent to TIP.

#### **2.174. TIP Processing Of Constant Images.**

2.174.1. Purpose. To provide a means for passing constant images (images in xGV0<ALN>\*GV068AUD701. with the add, change, or delete flag set) to online for update of SBSS database records.

2.174.2. Access. Enter option 8 from the Master Menu (Screen 600).

2.174.3. Transmitting Data. Screen 600 remains displayed and progress messages display on STATUS line 24. These messages indicate the stages involved in transmitting to TIP. NGV068A verifies that the constants data are correct (see **Para. 2.167**). If the verification edits are not passed, no images are passed to TIP. If edits are passed, the xGV0<ALN>\*GV068AUD701. file is read and those constant images with an add, change, or delete flag are selected for processing. NGV068A formats a CON and sends through TIP. NGV209 accepts the input and calls NGV269 for processing. Once the image has been sent to TIP, all flags are cleared on the image and it is rewritten to file (for add and change images) or deleted from the file (for delete image of satellite support data). When all images are read, a TRANSMISSION COMPLETE message displays giving the total images sent to TIP.

#### **2.175. Demand Processor Inquiry Selection.**

2.175.1. Purpose. To provide the AFMC SCM-R Information Technology Activity operator with the capability to enter selection database on the option entered at Screen 600.

2.175.2. Access. Access to the Inquiry Terminal Data screen is from the Master Menu (Screen 600), screens 599, 601, and 604.

2.175.3. Screen Format. Format of screen 600 is as follows:

2.175.3.1. DEMAND PROCESSOR INQUIRY SELECTION

2.175.3.2. -----TERMINAL DATA SELECTION-----

2.175.3.3. SYSTEM DESIGNATOR: [ 01 ] FUNCTION NUMBER: [ 000 ]

2.175.3.4. -----CSB/SATELLITE SUPPORT DATA SELECTION-----

2.175.3.5. SYSTEM DESIGNATOR: [ A1 ]

2.175.3.6. -----SELECTION OPTION-----

2.175.3.7. [ ] ENTER APPROPRIATE OPTION

2.175.3.8. AVAILABLE OPTIONS

2.175.3.9. [ XMIT - PROCESS INQUIRY ]

2.175.3.10. [ 1 - END PROCESSING ]

2.175.3.11. [ 6 - RETURN TO MASTER MENU ]

2.175.3.12. [ ]

2.175.4. Data Selection. This is a multiple purpose screen. The cursor positions at the Data Selection portion of screen based on the option taken at the Master Menu. The remaining portion of the screen is protected. If the option selected at the Master Menu is:

2.175.4.1. 3 - Terminal data selection is available.

2.175.4.2. 6 - Support data selection is available.

2.175.5. Available Options. Three options are available as follows:

2.175.5.1. BLANK - This option will transfer control to the appropriate screen based on the option selected from the Master Menu. When Master Menu option is:

2.175.5.1.1. 3 - Display Screen 601.

2.175.5.1.2. 6 - Display Screen 604 for system designator 01 and Screen 599 for a satellite system designator.

2.175.5.2. Option 1 - End Processing. Screen 600 displays, the program accomplishes the verification check and then terminates.

2.175.5.3. Option 6 - Return to Master Menu. This option returns to screen 600 with no action for current images.

## **2.176. Function Numbers and Names.**

2.176.1. Purpose. To list standard SBSS terminal function numbers and their associated workcenter.

2.176.2. Function Numbers and Names.

2.176.2.1. 000 Pseudo Reader

2.176.2.2. 001 Warehouse 1

2.176.2.3. 002 Warehouse 2

2.176.2.4. 003 Warehouse 3

2.176.2.5. 004 Warehouse 4

2.176.2.6. 005 Warehouse 5

2.176.2.7. 006 Warehouse 6

2.176.2.8. 007 Warehouse 7

2.176.2.9. 008 Warehouse 8

2.176.2.10. 009 Warehouse 9

2.176.2.11. 010 Warehouse 10

2.176.2.12. 011 Warehouse 11

2.176.2.13. 012 Warehouse 12

2.176.2.14. 013 Warehouse 13

2.176.2.15. 014 Warehouse 14



2.176.2.16. 015 Warehouse 15  
2.176.2.17. 016 Warehouse 16  
2.176.2.18. 017 Warehouse 17  
2.176.2.19. 018 Warehouse 18  
2.176.2.20. 019 Warehouse 19  
2.176.2.21. 020 Report Listing Queue  
2.176.2.22. 021 Supply Point 1  
2.176.2.23. 022 Supply Point 2  
2.176.2.24. 023 Supply Point 3  
2.176.2.25. 024 Supply Point 4  
2.176.2.26. 025 Supply Point 5  
2.176.2.27. 026 Supply Point 6  
2.176.2.28. 027 Supply Point 7  
2.176.2.29. 028 Supply Point 8  
2.176.2.30. 029 Supply Point 9  
2.176.2.31. 030 Supply Point 10  
2.176.2.32. 031 Civil Engineering  
2.176.2.33. 032 Munitions (FK)  
2.176.2.34. 033 Fuels (FP)  
2.176.2.35. 034 Automated Warehouse  
2.176.2.36. 041 System Designator A1  
2.176.2.37. 042 System Designator A2  
2.176.2.38. 043 System Designator A3  
2.176.2.39. 044 System Designator A4  
2.176.2.40. 045 System Designator A5  
2.176.2.41. 046 System Designator A6  
2.176.2.42. 047 System Designator A7  
2.176.2.43. 048 System Designator A8  
2.176.2.44. 049 System Designator A9  
2.176.2.45. 053 Accounting and Finance  
2.176.2.46. 054 Mission Support (MICAP)  
2.176.2.47. 055 Retail Sales

2.176.2.48. 056 Base Contracting  
2.176.2.49. 057 AFMC SCM-R Information Technology Activity Console  
2.176.2.50. 058 Demand Processing  
2.176.2.51. 059 Repair Cycle Support  
2.176.2.52. 060 Receiving  
2.176.2.53. 061 Equipment Management  
2.176.2.54. 062 Stock Control  
2.176.2.55. 063 Records Maintenance  
2.176.2.56. 064 Fuels (FP) Account  
2.176.2.57. 066 Mission Support  
2.176.2.58. 067 Mission Support  
2.176.2.59. 068 Demand Processing  
2.176.2.60. 069 Demand Processing  
2.176.2.61. 070 Demand Processing  
2.176.2.62. 071 Repair Cycle Support  
2.176.2.63. 072 Repair Cycle Support  
2.176.2.64. 073 Receiving  
2.176.2.65. 074 Receiving  
2.176.2.66. 075 Receiving  
2.176.2.67. 076 Equipment Management  
2.176.2.68. 077 Stock Control  
2.176.2.69. 078 Stock Control  
2.176.2.70. 079 Stock Control  
2.176.2.71. 080 Inventory  
2.176.2.72. 081 Inventory  
2.176.2.73. 082 Inspection  
2.176.2.74. 083 Inspection  
2.176.2.75. 084 Document Control  
2.176.2.76. 086 Records Maintenance  
2.176.2.77. 087 Mission Support  
2.176.2.78. 088 Mission Support  
2.176.2.79. 089 Mission Support

2.176.2.80. 090 Warehouse 20  
2.176.2.81. 091 Warehouse 21  
2.176.2.82. 092 Warehouse 22  
2.176.2.83. 093 Repair Cycle Support  
2.176.2.84. 094 Repair Cycle Support  
2.176.2.85. 095 Repair Cycle Support  
2.176.2.86. 096 Repair Cycle Support  
2.176.2.87. 097 Repair Cycle Support  
2.176.2.88. 098 Demand Processing  
2.176.2.89. 100 Repair Cycle Support  
2.176.2.90. 110 Demand Processing  
2.176.2.91. 111 Demand Processing  
2.176.2.92. 112 Demand Processing  
2.176.2.93. 330 Fuels (FP) Account  
2.176.2.94. 331 Fuels (FP) Account  
2.176.2.95. 332 Fuels (FP) Account  
2.176.2.96. 442 RESERVED  
2.176.2.97. 444 AFMC SCM-R Information Technology Activity 1348-1A Printer  
2.176.2.98. 445 AFMC SCM-R Information Technology Activity 1348-1A Queue  
2.176.2.99. 446 Funds Management  
2.176.2.100. 447 Accounting and Finance  
2.176.2.101. 448 Accounting and Finance  
2.176.2.102. 449 RESERVED  
2.176.2.103. 450 Accounting and Finance  
2.176.2.104. 451 Accounting and Finance  
2.176.2.105. 452 Accounting and Finance  
2.176.2.106. 453 Accounting and Finance  
2.176.2.107. 454 Accounting and Finance  
2.176.2.108. 455 RESERVED  
2.176.2.109. 456 RESERVED  
2.176.2.110. 457 RESERVED  
2.176.2.111. 458 RESERVED

- 2.176.2.112. 462 File Queue
  - 2.176.2.113. 480 Training Station
  - 2.176.2.114. 481 RESERVED
  - 2.176.2.115. 482 Training Station Printer
  - 2.176.2.116. 483 RESERVED
  - 2.176.2.117. 484 RESERVED
  - 2.176.2.118. 485 RESERVED
  - 2.176.2.119. 486 Optical Reader
  - 2.176.2.120. 492 Hand Terminal
  - 2.176.2.121. 496 Bin Labels
  - 2.176.2.122. 497 Bench Stock Terminal (NGV908)
  - 2.176.2.123. 498 Report Print Safety Queue
  - 2.176.2.124. 499 LOGMARS Shipment
  - 2.176.2.125. 800 SOSS Terminal
  - 2.176.2.126. 801 SOSS Terminal
  - 2.176.2.127. 802 SOSS Terminal
  - 2.176.2.128. 803 SATS Input Terminal **Note:** ES-S Asset Management uses the SATS codes.
  - 2.176.2.129. 804 SATS Output Terminal **Note:** ES-S Asset Management uses the SATS codes.
  - 2.176.2.130. 844 RESERVED
  - 2.176.2.131. 845 RESERVED
  - 2.176.2.132. 846 RESERVED
- Note:** The above functions are designated for specific use by application programs for controlling certain inputs and the directing of solicited outputs. Any three-position function numbers not listed on this paragraph can be used for additional function devices up through function number 999.

## Chapter 3

### DATABASE MAINTENANCE

#### *Section 3A—Database Maintenance Overview*

**3.1. Overview.** Database maintenance is probably one of the easiest, yet most misunderstood functions of any database management system. The DMS 1100 system used by the SBSS utilizes a DMS (Data Management System) environment. The DMS database consists of two types of DMS areas; SARP (Standard Area Record Placement) and DARP (Dynamic Area Record Placement). SARP areas are standard in size while DARP areas expand as more area is needed. The type of area used is based upon the type of records stored within the area. UP-7907.3 will better explain the database design and utilization procedures. There are two databases discussed in this chapter: the GV database and the CTH (Consolidated Transaction History) database. For further information on these areas or any DMS questions, refer to your CAR (customer account representative) for Unisys publications. These will be located in AF INDEX 2.

3.1.1. The standard GV database consists of 59 areas. Twenty nine areas for the primary, 29 areas for the secondary, and one for the systems areas which is the DMS\$<ALN>\*SYSAREAS-GV. This is a stand-alone DMS area which contains two basic records; the 015-SUPRT-KEYS and the 100-SYSTEM-AREAS. This area must always be up (assigned to the Exec) with these two records installed. Without it, GV or CTH cannot operate. The CTH database areas are explained in **Sec. 3D**.

3.1.2. Each area contains the sets and records necessary to make the SBSS operational. These areas are sized to provide the best performance possible while accessing the database. Areas too small causes storage problems while a database too large causes excessive input/output.

**3.2. Defining a Database.** Each database is a collection of interrelated data. Think of a database in physical as well as logical terms. The following are the basic components of a DMS database:

3.2.1. Area/Page/Record. Each database area is subdivided into pages, the unit of storage used by input, output, and locking. Each page contains records. A record is a collection of related items of data. You store, add, delete, or modify records of data. You find these records on a page by using their database keys which is the physical address of each record. This key consists of an area code, page number, and record number. Database keys are used in the retrieval of these records.

3.2.2. Data Items. Each record contains data. The basic unit of data is the data item. An example of a data item is the stock number on the item record. Data items are logically grouped into records; records are logically related by sets and are logically grouped into areas. A data item is an entity, such as a name or quantity within a record. You have to use some means to define the database to the user and the application programs. This definition is called a schema.

**3.3. Defining a Schema and Subschema.** The schema starts with an input source code of the database definitions. These definitions contain the description of the database. You must name the areas, sets, records, sizes of these areas, sets, records and the relationship of each. AFMC SCM-R Information Technology Activity uses DDL (Data Definition Language) and SDDL (Subschema Data Definition Language) to compile the Schemas and Subschemas used by the SBSS. The schema is the users view of the database. After the schema has been compiled, use

SDDL to describe the database, or subset of the database that is visible to the application programs. This is called a subschema.

**3.4. Storage Techniques.** DMS uses two types of areas; SARP and DARP. SARP was the method first developed to allocate data pages for record storage. DARP was developed to let you initially allocate the minimum number of data pages only, with the DMR dynamically allocating additional pages and overflow pages as needed. Since the SBSS changes, it may become necessary from time to time to resize, either downsize or increase the DMS areas. This is part of the resizing function of the SBSS.

3.4.1. DMS 1100 utilities can help determine if resizing is required. Utilities such as VERIFY/GV-x, VERIFY/CALCx (x equals gang number) displays record counts as well as page usage. DMS uses the 799 reject to inform the user these areas are full. The error number 84 is when all overflow pages contain insufficient space to store another record. Another error which changed with the DMS-EXEC environment was the reject 799 Error number 100. This error is replaced by an I/O error 22 for all DMS-EXEC areas. These errors can be caused by a number of system problems. Power fluxes and equipment failures attribute to most of these. Bad database recoveries can also create these errors. The DMU utilities can explain the majority of errors with your database. DMU will never verify that the data contained on the pages are correct; its function is to verify that the physical pages are intact. The following is an example of DMU verify for SRD-GV-1:

Key-in: @ADD 0GV0\*DBRUN\$.DMU

System Response:

DMU 13R4 75R4Q7 01/14/97 13:11:44

DMS 2200 BUILD ID DMSGEN-02

INVOKE SUBSCHEMA SBSS-DMU1  
IN FILE DMS\$<ALN>\*SBSS-SCHEMA  
OF SCHEMA SBSS-SCHEMA  
KEY FOR INVOKE IS 'WHISTLE'.

Key-in: VERIFY AREA SRD-GV-1.

System Response:

VERIFY AREA SRD-GV-1.  
BEGIN AREA SCAN PHASE  
STATISTICS FOR AREA SRD-GV-1 CODE 393  
TOTAL STATISTICS FOR AREA

	#	PAGES	TOTAL	USED	UNUSED	STD.	%	UNUSED	TOTAL
			WORDS	PER PAGE	PER PAGE	DEV.		RECORDS	
PRIME	860	746000	167	700	81	15	15960		
OVERFLOW	14	12389	303	581	155	20	13		

TOTAL        874 746000    167    700 81    15 15973

RECORD STATISTICS FOR AREA

RECORD NAME	RECORD	OCCURRENCES	LENGTH	CODE	TOTAL	PRIME	OVERFLOW	FOREIGN	MIN	AVG	MAX
SRD-CONSUMPTION	107	15973	15960	13	0	9	9	9			

STATISTICS COMPLETE FOR AREA

END VERIFY    0 DATABASE ERRORS DETECTED

3.4.2. Although the above example displays 15 percent unused for prime and total pages and the overflow is 20 percent unused, you can still receive 07/12/84 and/or I/O 22 errors. The reason being is the way DMS works. In the DMS environment, each overflow page can only be associated with one prime page. If the run unit writes to the prime page and requires an overflow page, the DMR will assign an overflow page to that prime page unless all overflow pages have been exhausted, thus receiving a 799 12/91/084. Although DMU verify displays 15 percent to 20 percent unused, that is because this is the total space available on all pages total. For instance, if the run unit required an overflow page, the DMR will check the next available page (from page 0). If none can be found then all pages have been allocated. The run unit may have only written one record to the associated overflow page; the only way to write to that particular overflow page again is if its owner (prime) page requires an overflow page. Thus, with one record only on that page, the percentage of unused is actual space not written to. Although this output of DMU shows no errors, it displays the area usage and remainder of space available for record storage.

3.4.3. The next most used DMU utility is the VERIFY-CALC routine. This routine verifies the CALC chain integrity for the input area. DMU checks for chain completeness in both forward and backward locations. This is done by reading to forward and/or prior links. Although the complete option is released in 0GV0\*DBRUN\$, there are various options for this DMU verify. See UP-7909.6 for detailed options of DMU.

3.4.4. Area Codes. Each DMS-EXEC area within the UDS (Universal Data System) is assigned its unique area code. This number is used by the DMR to determine which DMS-EXEC file will be used by the application program.

### ***Section 3B—Database Download And Upload***

**3.5. Database Download.** The download program must be processed anytime you resize the database, with exception to the TXHIST area. When you process the download and upload programs, it keeps your database clean of orphan records. These records are named this by being delinked or separated from their perspective owners and or members. Records such as the 103 and some other owner records are not downloaded. This is because the upload will create these records for the proper linkage criteria. It is recommended that download and upload be processed as required to maintain your database in an efficient manner. After processing your download with no errors, start your upload. This will initialize all the DMS areas and reload the database.

3.5.1. Download Options. Due to the complexity of the SBSS, only the COM (COMPLETE) option will be used for download. Although there are selective options available, a working

knowledge of the schema and database is required for these options. The download will read the owner record and walk the chain. If this chain is broken, the download will error and finish prematurely. This is why it is imperative to be as error free as possible before the run starts.

3.5.2. Using QLP or SURGE, locate any ITEM-RECORDS with a blank 101-STOCK-NUMBER and either load a 101-STOCK-NUMBER or delete these records. The upload program stores the ITEM-RECORD based upon the 101-STOCK-NUMBER and the 101-SYSTEM-DESIGNATOR. This will be used as the CALC-KEY. If the stock number is blank, the upload program will not store this record or any of its associated member records. These queries must be accomplished prior to the download.

**3.6. Database Upload.** Normally, the upload option is used when a base resizes areas or for a schema conversion. There are six upload programs (NGV051 through NGV056). The best way to find out which upload program loads which records is to process the full download and upload. The printout for each upload program will show each record it fetches or stores. Keep in mind that the upload programs may only fetch a particular type record (106 record as an example) but doesn't actually store it.

3.6.1. **EXAMPLE 1:** NGV051 stores the 106 records. NGV053 stores some records that are owned by the 106 record. NGV053 will fetch the already stored 106 to get currency and then store the particular record VIA SET. The printout for NGV051 will show the number of reads for the 106 and a total of 0 stored for the 106. Also some records that are not downloaded are uploaded.

3.6.2. **EXAMPLE 2:** The 902 record is not downloaded but is stored by one of the uploads. NGV051 is a special case. NGV051 stores many records but the most common use of NGV051 is in the 0GV0\*DBRUN\$.L-LOAD/SYSAREAS runstream. The download program does not download the 103-DOCUMENT-NBR records. Therefore, if you have too many pointer errors or this area is just too corrupt, you must first correct these errors, either by NDA500 or a selective recovery, then process the download and upload programs. The upload will rebuild the 103 records and relink them to their applicable member records. There are two options used by NGV051. They are:

3.6.2.1. SYA (SYSAREAS) - this option used by NGV051 will load only two types of record. The 015 and 100 are the only two records in the SYSAREAS-GV. This option is used with run 0GV0\*DBRUN\$.L-LOAD/SYSAREAS.

3.6.2.2. COM (COMPLETE) - this option is used to load ALL records with NGV051, including the 015 and 100 records. This is the only option used when doing a download and upload at base level operations.

3.6.2.3. As each upload program completes, a total record count will be displayed. These counts are explained in the following:

3.6.2.4. TOTAL INPUTS READ: 15000 Note 1

3.6.2.5. TOTAL INPUTS NOT PROCESSED: 11350 Note 2

3.6.2.6. TOTAL RECORDS STORED: 4250 Note 3

3.6.2.7. TOTAL RECORD ERRORS: 0 Note 4 **Notes:** 1.

This is the total number of records read from the input tape. DNLOAD will create an



output tape with two sorted files. These two files are read by the NLOAD programs. This total represents the total of this input file. 2. This is the total number of records on the input file NOT used by this particular upload program. The upload program will read the complete file BUT only select those record numbers which will be stored by this particular upload program. 3. This is the number of records that the current upload program has stored. The number may be less or more than the records selected. The upload program will create certain owner records that were NOT downloaded. Also, in most cases, if the upload program encounters a dupe record and the schema area has DUPLICATES NOT ALLOWED, it will skip that record. 103-DOCUMENT-NBR records are always created by the NGV052 program. 4. Self-explanatory. Displays and skips the record in error.

**3.7. Download/Upload Without Resizing.** To process the download and upload without resizing, process the following steps in order. In the following runstreams, the letter x represents the applicable gang number. These procedures must be followed as closely as possible. Deviation will only delay valuable processing time.

3.7.1. Ensure all pseudo processing has been completed.

3.7.2. Process RPTRUN on the primary and ensure all mandatory reports on the secondary database, including RPTEON, have been processed.

3.7.3. Presizing procedures. x equals primary gang.

3.7.3.1. @XQT DMS\$0000\*DBALIB\$.NDA500 Note 1

3.7.3.2. @START 0GV0\*DBRUN\$.VERIFY/GV-x Note 2

3.7.3.3. @START 0GV0\*DBRUN\$.VERIFY/CALCx Note 2

3.7.3.4. @ADD 0GV0\*DBRUN\$.DOWN/GV-x Note 3

3.7.3.5. @ADD 0GV0\*DBRUN\$.DELETE/GV-x Note 3 **Notes:**

1. For all sets, except CTH, enter: 1-65/80-102. For all sets enter A for set options. 2. Verify/GV will display record totals as well as detect any page errors on your database. Verify/CALC will display broken or corrupt CALC chains. Break point file for Verify/GV is XGV0\*VERGVx. Break point file for Verify/CALCx is XGV0\*GVCALC. 3. The DOWN will release all DMS areas from APPL01. The secondary must be deleted. Since the database key formats will be changed, you must delete the secondary. x equals secondary gang number.

3.7.4. Process all mandatory primary reports including RPTEON. **DO NOT, REPEAT, DO NOT** initialize beginning of day. There must be no transactions until after all of these procedures have been completed.

3.7.5. IRUDUMP your primary database. Then, start the download. The download program may run anywhere from 1 to 3 hours, depending upon the size of your database. Since the download does not modify or delete records, restart is from beginning in the event of a system error.

3.7.5.1. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x Note 1

3.7.5.2. @START 0GV0\*DBRUN\$.DNLOADx Note 2 **Notes:**

1. Ensure this dump has NO read errors. This is your safety dump in the event of a fallback.

Recommend two dumps be taken. 2. Save the output listing. This list will display the total number of each record for all DMS areas downloaded. The download program writes the selected records to tape, sorts them by record sequence, and then writes a second output tape labeled xGV0\*GV-xTP. The letter x equals primary gang number. This tape will be used by the upload programs.

3.7.6. Once the download is complete, reload all the records via NGV051 through NGV056. The upload may take anywhere from 2 to 6 hours depending upon your database size. NGV052 is the longest upload program due to the storing of item and detail records. In the event of a program abort, restart the program from the beginning. This is because with 66 sets, 237 records and 28 areas, it will ensure that all records are properly linked. After the upload, dump your database. Do not load any IRUDUMP tapes prior to this step or your database will be corrupted. To keep a clean database, the download and upload, without resizing, is recommended semiannually.

3.7.6.1. @START 0GV0\*DBRUN\$.L-LOAD/GV-x Note 1

3.7.6.2. @START 0GV0\*DBRUN\$.VERIFY/GV-x Note 2

3.7.6.3. @START 0GV0\*DBRUN\$.VERIFY/CALCx Note 2

3.7.6.4. @XQT DMS\$0000\*DBALIB\$.NDA500 Note 3

3.7.6.5. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x Note 4 **Notes:**

1. Breakpoint file is xGV0\*LOADx. x equals primary gang. 2. These will be the totals of all records uploaded. Verify/CALCx is processed to ensure all sets are properly linked. 3. For all sets, except CTH, enter: 1-65/80-102. For all sets enter A for set options. 4. This is your starting dump after the uploads. **DO NOT LOAD ANY DUMPS PRIOR TO THIS DUMP** or your database will be corrupted. Recommend two dumps be taken.

### *Section 3C—Resizing The Database*

**3.8. Overview.** Before any resizing option is used, it must be understood which areas are to be sized. Also, sizing for mission growth, rehome gains or satellite additions should be discussed prior to the resize. Disk pack utilization is also a major factor in the resizing process. Always coordinate with your DBA (database administrator) prior to any resize for disk utilization.

**3.9. Presizing Procedures.** Before resizing, you must first download the database. The following run will download the database records to a cataloged tape file xGV0\*DBDWNLD. It then rewinds the tape, sorts the records by executing NGV058, and then writes the sorted output to tape file xGV0\*GV-xTP. x equals primary gang. Before downloading the database, it must be as free as possible of errors. The download program (NGV057) will run with limited pointer errors; however, page errors will abort NGV057. First verify your database with DMU and NDA500. Remember to ensure all users are advised ahead of time and do not attempt to utilize the system until after all resizing procedures have been completed.

3.9.1. Process all pseudo inputs and run any required SIFS utilities to clear out SIFS data.

3.9.2. Process RPTRUN (crossover) on the primary and process all mandatory reports on the secondary including RPTEON on the secondary.

3.9.3. Process all mandatory reports, including RPTEON, on the primary. **DO NOT, REPEAT, DO NOT** initialize BOD (beginning-of-day). There can be no transactions during these resize procedures.

3.9.4. Process the following jobs. Ensure they are error free before continuing with the next step:

3.9.4.1. @XQT DMS\$0000\*DBALIB\$.NDA500 Note 1

3.9.4.2. @START 0GV0\*DBRUN\$.VERIFY/GV-x Note 2

3.9.4.3. @START 0GV0\*DBRUN\$.VERIFY/CALCx Note 2

3.9.4.4. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x

3.9.4.5. @ADD 0GV0\*DBRUN\$.DOWN/GV-x Note 3

3.9.4.6. @ADD 0GV0\*DBRUN\$.DELETE/GV-x Note 3

3.9.4.7. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x **Notes:** 1. For all sets, except CTH, enter: 1-65/80-102. For all sets, enter A for set options. 2. Verify/GV will display record totals as well as detect any page errors on your database. Verify/CALC will display broken or corrupt CALC chains. The break point file for Verify/GV is xGV0\*VERGVx. The break point file for Verify/CALCx is xGV0\*GVCALC. (x = primary gang number). 3. The DOWN will release all DMS areas from APPL01. Since the database key formats will be changed, the secondary must be deleted (x = secondary gang number).

3.9.5. Once the above steps have been accomplished, error free, download the database. This run downloads the database to tape, rewinds the tape for reading by NGV058, then writes the sorted records to a new tape file called xGV0\*GV-xTP. x equals primary gang.

3.9.5.1. @START 0GV0\*DBRUN\$.DNLOADx

3.9.6. After this job fins, print your output. Visually compare record totals downloaded against the output from Verify/GV-x. Totals for most records should match. Not all records are downloaded because some are re-created by the upload program. Also members or records belonging to empty sets are deleted on the download. As stated, download will walk the owners through the members. One thing to keep in mind or check for is blank stock numbers on the ITEM-RECORDS. Although NGV057 will download these records, NGV052 will NOT upload these records because the CALC-key is built from the 101-STOCK-NUMBER and 101-SYSTEM-DESIGNATOR. If the DNLOADx aborts or a restart is required for any reason, just restart DNLOADx. As stated earlier, the DNLOADx does not delete or modify database records.

**3.10. Executing NGVU31.** NGVU31 reads and resizes the schema absolute SBSS-SCHEMA based upon input from the AFMC SCM-R Information Technology Activity operator. NGVU31 is menu-driven and manual intervention of the output files should not be done. NGVU31 interfaces with NDAU31 for schema modification. Manually processing NDAU31 can cause disastrous results. Therefore, SBSS will use NGVU31 to resize their applicable schema. Prior to executing NGVU31, save your catalog statements from your DBRUN\$ file. NGVU31 will not put your disk assignments on your new catalog elements. If you don't use disk assignments, then there is no need to save these elements. The reason we don't use the disk assignments is if your database

administrator (DBA) has all disk assignments set to a particular size, the new sizes may affect other files on that pack/disk.

3.10.1. NGVU31 may be executed anytime and the ACTIVATE/SBSS-SCHEMA run can be processed later. The NCOIC could size the area(s) in the morning and not actually install the new sizes or schema until later. The only run that changes sizes or areas is the element created in the file 0GV0\*TEMPSchema.ACTIVATE/SBSS-SCHEMA. You can run NGVU31 as many times, but, until you start this run, nothing changes. You must process NGVU31 with a nonexempt user-ID.

3.10.1.1. KEYIN AND OPTIONS FOR NGVU31

3.10.1.2. KEYIN: @ADD 0GV0\*DBRUN\$.NGVU31

3.10.1.3. **OPTION            FUNCTION**

- |               |   |
|---------------|---|
| 3.10.1.3.1. 1 | Sizes/resizes NGV areas only. Also used to resize TXHIST area only. |
| 3.10.1.3.2. 2 | Sizes/resizes CTH areas only. Can be used with other options.       |
| 3.10.1.3.3. 3 | Accommodate another base. Inputs are Page counts ONLY!              |
| 3.10.1.3.4. 4 | Duplicate a primary gang.   |
| 3.10.1.3.5. 5 | List Gang.  |
| 3.10.1.3.6. 6 | Help. Brief overview of each option.                                |
| 3.10.1.3.7. 7 | Exit NGVU31. Builds 0GV0*OUTFILE.                                   |

3.10.2. After selecting the appropriate option and all prompts have been answered, do the following to create 0GV0\*TEMPSchema. This file contains the new resized SBSS-SCHEMA absolute and all updated elements to activate your new sizes.

3.10.2.1. @FREEALL

3.10.2.2. @ADD 0GV0\*OUTFILE.

3.10.3. To install new UDS and SBSS-SCHEMA, process the @START and the @ADD statements below. Also **DO NOT** start this run if your DMC has a UDS dump or UDS reload scheduled. It will not work. This run will update the UDS (Universal Data System). It will copy the SBSS-SCHEMA into your DMSS<ALN>\*SBSS-SCHEMA. file and copy all the new catalog statements into your 0GV0\*DBRUN\$. file.

3.10.3.1. @START 0GV0\*TEMPSchema.ACTIVATE/SBSS-SCHEMA            **Note:**  
Review the PR for errors. Breakpoint file is 0GV0<ALN>\*DELSBS. Errors are OK here because the program may be trying to delete a file that does not exist. Also, the breakpoint file 0GV0<ALN>\*INSTALL., MUST have 0-Fatal, 0-Errors on the INSTALL and EXPORT portion only. If you have a warning, go to that line and determine if the warning was serious. It will show you if that instruction was successful or not. There are too many warnings to list. Therefore, determine which type of warning it was. REMARKS are okay. Register the new SBSS-SCHEMA just resized via NGVU31 by processing the following:

## 3.10.3.2. @ADD 0GV0\*DBRUN\$.SCHEMA/CLEAR

3.10.4. Review the catalog statements in your 0GV0\*DBRUN\$. file for the particular gang you resized. They must have the new sizes in the resized areas. If the disk assignment options are used, you must ensure the correct disk assignments are there. **DO NOT CONTINUE UNTIL THIS STEP IS CORRECT!**

**3.11. Post Sizing Procedures.** Now you are ready to upload the database. This job will read the tape created by the DNLOADx program. The upload may take anywhere between 2 and 6 hours to complete based upon the size of your database and system saturation. NGV052 will be the longest running upload program because this is the one that stores all the item details. After upload, be sure to verify your database. This list should be compared with the one before the download. As stated earlier, there will be some records not reloaded. Since some application programs may leave empty sets or orphan records on the system, they will not be uploaded. Before starting your UPLOAD, ensure you modify your new catalog (@CAT) statements in 0GV0\*DBRUN\$. Process the following jobs to reload the database:

@START 0GV0*DBRUN\$.L-LOAD/GV-x	Note 1
@XQT DMS\$0000*DBALIB\$.NDA500	Note 2
@START 0GV0*DBRUN\$.VERIFY/GV-x	Note 3
@START 0GV0*DBRUN\$.VERIFY/CALCx	Note 3
@START 0GV0*DBRUN\$.IRUDUMP/GV-x	Note 4
@START 0GV0*DBRUN\$.CREATE/ALN-EXEC	Note 5
Continue with normal processing	Note 6

**Note:**

1. Breakpoint file is xGV0\*LOADx. x equals primary gang number. This list will display totals for all records that were reloaded/stored.
2. Process NDA500 to ensure there are no pointer errors.
3. Verify/GV will display record totals from the uploads. Breakpoint file is xGV0\*VERGVx. (Where x = gang number). Verify/CALC will display any CALC errors. This will ensure all sets were properly linked. Breakpoint file is xGV0\*GVCALC. (Where x = gang number.)
4. This is your starting IRU dump. **DO NOT, REPEAT, DO NOT LOAD ANY DUMPS PRIOR TO THIS DUMP** or your database will be corrupt.
5. This EXEC dump will save your SBSS environment for your particular ALN.
6. If all prior runs were error free, continue with your scheduled process.

3.11.1. For the ACCOMMODATE option, after you have processed the runstream ACTIVATE/SBSS-SCHEMA, you have to use ACOPY to reload the incoming database.

**3.12. Resizing TXHIST-GV Area.** The transaction history area does not belong to any set and does not point outside itself. The download and upload procedures are not required to resize this DMS area. This section will cover the steps required to resize your TXHIST-GV area. The storage method used for this area is DMS-CALC.

3.12.1. Presizing Procedures. Process all reports, including RPTEON on your secondary gang. Your secondary gang must be closed out:

3.12.1.1. @ADD 0GV0\*DBRUN\$.DOWN/GV-x (x = secondary gang number)

3.12.1.2. @ADD 0GV0\*DBRUN\$.DELETE/GV-x (x = secondary gang number)

3.12.2. Process all reports, including RPTEON on your primary gang. Your primary gang must be closed out. DMS-CALC uses the input 901-STOCK-NUMBER to store the 901 records, then processes the following jobs. x equals primary gang number:

3.12.2.1. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x

3.12.2.2. @ADD 0GV0\*DBRUN\$.NGVU31

3.12.3. Enter option 1. NGVU31 will prompt for record counts. TAB forward to the TXN-HIST field and enter the required number of transactions. Leave all other fields on this screen blank. Return to main menu and enter option 5. This will list your track sizes for the TXHIST area. If you entered the wrong counts, take option 1 and reinput your correct count. When ready, continue.

3.12.3.1. @FREEALL

3.12.3.2. @ADD 0GV0\*OUTFILE.

3.12.3.3. @START 0GV0\*TEMPSchema.ACTIVATE/SBSS-SCHEMA

3.12.3.4. @ADD 0GV0\*DBRUN\$.SCHEMA/CLEAR

3.12.3.5. @START 0GV0\*DBRUN\$.CREATE/ALN-EXEC

3.12.3.6. @ADD 0GV0\*DBRUN\$.DOWN/GV-x

3.12.3.7. @DELETE DMS\$<ALN>\*TXHIST-GV-x.

3.12.3.8. @CAT,PV DMS\$<ALN>\*TXHIST-GV-x.,F/1/TRK/5,DA **Note:** The information required for the above @CAT statement can be obtained from your new CATx statement in file 0GV0\*DBRUN\$. In the above example F = disk type; 1 = minimum track size; 5 = maximum track size; and DA = disk assignment. Modify your @CAT statement with the appropriate information. Be sure to add your disk assignment, if used. If you use @ASG instead of @CAT just change @CAT,PV to @ASG,UPV:

3.12.3.9. @ADD 0GV0\*DBRUN\$.UP/GV-x

3.12.3.10. @ADD 0GV0\*DBRUN\$.DMU

3.12.3.11. INITIALIZE AREA TXHIST-GV-x.

3.12.3.12. @EOF

3.12.3.13. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x

3.12.4. Your TXHIST area is now ready. Continue with your normal processing or any local procedures.

*Section 3D—CTH Database Maintenance*

**3.13. Overview.** These procedures cover the implementation of CTH, the resizing of a new CTH database or an existing one. In either case, there are a few steps that needs to be accomplished before resizing or establishing the CTH database.

3.13.1. Preconversion Procedures. First, let's cover the procedures for initial implementation of CTH. By now, everyone should be using CTH. Before we actually load data to these areas, you must determine the storage area required based upon a 13-month period. Any amount above this is by local discretion. Remember, the more data you have, the longer run time for the RPTD37 (NGV783), DMU verifies and NDA500. NGVU31 will be the processor used to build the DMS areas and modify the existing schema for the new sizes. A self-contained formula within NGVU31 helps you determine this. The following job will start the resizing process:

3.13.1.1. @ADD 0GV0\*DBRUN\$.NGVU31

3.13.2. Take option 2 for CTH only. This will not affect any of the NGV areas. CTH will be sized based upon projected transaction counts. The formula will size the CT-HIST-GV and CT-OWNR-GV based upon your input number of records. The CT-CTRL-GV area track sizes are released at a standard size. If you have answered the formula wrong, just exit NGVU31 and restart the run.

3.13.2.1. @FREEALL

3.13.2.2. @ADD 0GV0\*OUTFILE.

3.13.3. When ready to size, do the following. Although you're only sizing the CTH areas, all GV users must be down. This is because you will be deleting and restoring the internal UDS areas.

3.13.3.1. @START 0GV0\*TEMPSCHEMA.ACTIVATE/SBSS-SCHEMA

3.13.3.2. @START 0GV0\*DBRUN\$.SCHEMA/CLEAR

3.13.3.3. INITIALIZE CTH DATABASE AREAS.

3.13.3.4. @ADD 0GV0\*DBRUN\$.CTHx (x = CTH gang number)

**3.14. Upload and Establish CTH Histories.** Prepare the Consolidated Transaction History area for loading by processing NGV225 (Create Consolidated Transaction History Control Record). The program will prompt for the input GANG and NUMBER OF DATA PAGES required to establish the area. Enter the Primary gang number at the first prompt (must be 1 - 4). Next, enter the number of data pages, and be sure to follow the provided sizing formula. To process NGV225, enter the following command:

3.14.1. @ADD GV\$\$0000\*GVECLUD001.NGV225R

3.14.2. # (Enter primary gang number)

3.14.3. Y (Enter Y since you have sizes from NGVU31 or N if you don't)

3.14.4. # (Enter primary gang)

3.14.5. XXXXXX (Enter # of pages from NGVU31. The # of pages must be entered with leading zeros. For instance, if the count is 50000, then enter 050000.)

**3.15. Overview UTL043 (NGV043).** This is an example of how to use UTL043. Process UTL043 (NGV043) to establish the Consolidated Transaction History areas by using UTL041 tapes. Research must be accomplished to determine the number of months to be loaded, based upon the available disk storage from your DBM. Tapes must be loaded in transaction date sequence with the oldest date loaded first. If you have missing dates in the Consolidated Transaction History area, (and those dates have actual transactions), then the integrity of the CTH area is compromised. If dates are missing, the Consolidated Transaction History is invalid.

3.15.1. You have to take into account the amount of time it takes to upload these histories. An average time for an upload is approximately 2 to 16 hours per 100,000 transactions. Your time will depend upon your configuration and system workload during the upload process. To ensure time is not wasted on trying to upload a bad tape, it's highly recommended that a few days prior to the upload process the M19 (NGV777) against the UTL041 tapes.

3.15.2. There are two load options for UTL043.

3.15.2.1. Load all histories during one end-of-day processing.

3.15.2.2. Load all histories on more than one end-of-day processing.

3.15.3. Here are the steps used for uploading the CT-HISTORIES using the UTL043 (NGV043).

3.15.3.1. After processing the RPTRUN crossover, you will need to process NGV299 and set the 002-ATH-IMPLEMENTED to a 1 on the secondary database. Process NGV225 as explained above. NGV225 will only be processed one time, as it stores the 711-CT-HISTORY and 710-CT-SUPPORT records. The processing of NGV299 to change the 002-ATH-IMPLEMENTED will have to be processed each day on the secondary database if your upload is spread out over more than one end of day processing. After processing NGV299/NGV225, start the first UTL043 to upload your first month's histories. You can process your regular EOD schedule, but remember any add-on reports will slow down the upload process. Your online processing time should not be compromised. If you want to upload using UTL043 and not spread it over more than one EOD, do not process RPTRUN crossover or RPTEON while UTL043 is processing.

3.15.4. Once all UTL043's have completed you will need to process NGV299 and change the 002-ATH-IMPLEMENTED to a 1 on the primary database. This will let RPTRUN crossover automatically dump the CTH areas and process the D37. Here are two final Helpful hints. It would be wise, and it's highly recommended that a dump of the CTH areas be taken after each successful UTL043 upload. Also, on the RPTRUN select image, do not take the bypass option (B in cc-79) in the event that a CTH recovery is required. This can be waived by MAJCOM. After you are through with your complete upload, you will also need to process the UTL042 to show what transaction dates have been loaded.

3.15.4.1. Process NDA500. A option on the Primary.

3.15.4.2. @START 0GV0\*DBRUN\$.VERIFY/CTHx



3.15.4.3. @START 0GV0\*DBRUN\$.VERIFY/CALC-CTHx

3.15.4.4. @START 0GV0\*DBRUN\$.IRUDUMP/CTHx

3.15.4.5. Ensure your base constants has the 002-ATH-IMPLEMENTED flag set to a 1. Process either NGV068A or NGV299 to complete this step.

**3.16. CTH DMS Areas.** The CTH database is comprised of three areas located on the primary gang only. They are the CT-HIST-GV, CT-OWNR-GV and the CT-CTRL-GV areas.

3.16.1. The CT-HISTORY area contains the 711 CT-HISTORY-CONTROL and 704 CT-HISTORY records. The 704 records are the 901 records that are printable transactions. The 711 record controls the whole CTH operation. This record is created and stored by program NGV225. The 711 is a direct record and is always stored at the following location:

3.16.1.1. AREA = CT-HIST-GV-x

3.16.1.2. PAGE = 1

3.16.1.3. REC = 1

3.16.2. This record contains the following information to control the CTH environment. 711-NUMBER-OF-PAGES: This will equal the total number of tracks the CT-HIST area is currently sized for. It must equal the number of tracks shown on the Schema for the CT-HIST-GV-X area. The next field, 711-RECORDS-PER-PAGE: This will ALWAYS equal 20. Each page within the CT-HIST-GV-X area will hold 20, 704 records except page 1 which contains only the 711 CT-CONTROL-RECORD. To compute the number of histories (704) you can store, use the following formula as an example:

711-NUMBER-OF-PAGES \* 711-RECORDS-PER-PAGE - 20

$$\begin{array}{ccccccc} & | & & & | & & | \\ (25000 & * & 20 & ) & - & 20 & = 499,980 \end{array}$$

3.16.2.1. 711-NEXT-PAGE-NUMBER: tells the D37 (NGV778) at which page number to write the next 704 record.

3.16.2.2. 711-NEXT-RECORD-NUMBER: tells the D37 (NGV778) at which record number or page slot to write the next 704 record.

3.16.2.3. 711-PURGE-DATE: this is the date of the oldest record stored within the CT-HIST area. UTL041 checks this field prior to deleting the 704 records.

3.16.2.4. 711-SUMMARY-INDEX: Unused.

3.16.2.5. 711-TRANSACTION-SUMMARY:

3.16.2.6. 711-TRANSACTION-DATE = Ordinal date the D37 was processed on. The oldest date is first.

3.16.2.7. 711-TRANSACTION-COUNT = Number of transactions loaded for that day.

3.16.3. The CT-CTRL area is the area that Document Control works with and should have the responsibility to keep organized. This area contains the following records:

706-CT-DELINQUENT-SOURCE

\* 707-CT-DOCUMENT-CONTROL  
708-CT-DELINQUENT-TRIC  
709-CT-DELINQUENT-OPR  
\* 710-CT-SUPPORT

**Note:** \* equals the only records you will need to work with. All other records are created by TIP inputs and by Document Control personnel.

3.16.3.1. This area is sized at 450 prime and 573 overflow (450/1023). It is released by AFMC SCM-R Information Technology Activity at this size and must not be changed. It will hold a maximum of 32,000 to 35,000, 707 CT-DOCUMENT-CONTROL records. The 710 CT-SUPPORT is used by the DEL DOC list R59 and D37. This is a direct record (page 1, record 1) and is used by the D37 to write restart points to. There is no restart for the D37, but this record must be stored in order for the D37 to process. When storing with NGV299, the record needs no data stored in the fields of the 710. Always store a blank record. Do not modify any fields. The 707 CT-DOCUMENT-CONTROL records are DCC images either loaded automatically by the D37 or manually by NGV330. This record is used to create DCC images when download/upload of DCC images are required. The 707 date is five positions but the DCC format is four positions. You will need to modify these images PRIOR to loading them via program NGV330.

3.16.4. The CT-OWNR area contains the owner records for the CT-HIST area.

3.16.5. D37 Run Logic. Ensure RPTRUN (NGV898C) has processed a CTH dump, then start the D37 process for the daily updates. The D37 writes the daily 901-TRANSACTION-HISTORY records to the 704-HISTORY records and creates the 707 records. In order to process the D37, NGV898C will check to see if the 002-ATH-IMPLEMENTED flag is set to a 1. If it is, the D37 procedures will proceed, then the CTH areas are dumped to tape IAW **Ch 2**, for CTH dumps. This dump is mandatory. Since the area is so large, "QUICK-LOOKS" are turned off and prohibits ROLLBACK in the event of an error. If LOOKS were left on, all images would be written to AUDIT-TRAIL and a lot of valuable computer time would be lost. That is why if you are working errors with either the D37, UTL043 or any other CTH program, ALWAYS recover the CTH database first. Remember to turn LOOKS back on by processing 0GV0\*DBRUN\$.LOOKSON/CTH1 before any recovery.

3.16.6. DMS\$<ALN>\*RECOVERYOFF. This file is a DMS file required to be assigned anytime LOOKS are turned off. If it is not assigned or cataloged just catalog this file in public mode as follows: @CAT,PV DMS\$<ALN>\*RECOVERYOFF.

3.16.7. Common errors with D37 and UTL043. Due to system errors and operator interface, you may receive from time to time, the following errors. Not all errors are listed due to the situation, but the most frequent will be explained.

3.16.7.1. 799/12/05/00 - DUPES NOT ALLOWED - You have more than one 901-TRANSACTION-HISTORY that has the same transaction number. 704 records are stored by transaction number. Since the schema states DUPES NOT ALLOWED in this DMS-EXEC area, that is why you encounter this error. Function number 12 is a store function in COBOL.

3.16.7.1.1. TO CORRECT: Reload the CTH area, identify the dupe 901, change the 901-TRANSACTION-NBR to a number that is not in use.

3.16.7.2. 799/12/91/84 - All associated overflow pages have been utilized or maximum storage has been reached. The UDS (Universal Data System) or DMS-EXEC area has reached its maximum storage capability.

3.16.7.2.1. TO CORRECT: Reload the CTH area, run VERIFY/CTHx and identify which area is full. Check the CT-CTRL area first. If it is the CT-HIST or the CT-OWNR area, UTL041 must be processed to free up disk space. If it is the CT-CTRL area, process NGV330 and have Document Control delete invalid images, DMU initialize the CTRL area, use NGV299 to store the 710 record, and process NGV330 to upload the edited file.

3.16.7.3. 799/07/12/161 - Not enough disk space. This error will be more than likely received by those bases that use removable packs. The way to check this is a @PRT,D REM01/FMD (example of pack-ID and equipment type). Contact your DMC for more disk space. Refer to the DMU example that was discussed earlier.

### 3.17. Recovery of the CTH Database.

3.17.1. General. There are many ways to recover the CTH area. Since the CT-HIST area is made up of direct records you can recover this area in a number of different ways. Just remember, you can NEVER use AUDIT-TRAIL tapes. Since LOOKS and RECOVERYOFF options are utilized, nothing from CTH is ever written to AUDIT-TRAIL. Be sure that any time you use your secondary gang to reload 901 records, **ALWAYS, REPEAT ALWAYS**, dump the secondary gang prior to reloading any dump.

3.17.2. RPTEON on the secondary will cross over numerous records and if you have an old dump loaded, that data gets crossed over to the primary. That is why you always process RPTEON on the secondary prior to a recovery and do not process RPTEON again until the next processing day (crossover) has been accomplished. There are too many conditions to list that might require a recovery but the following are the most frequent:

3.17.2.1. ERROR: Disk crash, last good dump was 3 days PRIOR. First, process RPTEON on the secondary if not already done. Next, reload last good CTH dump. Reload the crossover dump for the particular day's transaction date you need to recover. Process the D37. Reload the next day's crossover dump. Process the D37. Repeat these steps until current. Process the R60. Remember, **DO NOT PROCESS RPTEON ON THE SECONDARY**.

3.17.2.2. ERROR: Monday's CTH histories are valid, Tuesday's are invalid, Wednesday's are valid, Thursday's are valid, and today is Friday. Use the same recovery procedures as contained in the "ERROR:" paragraph above to recover the CTH data.

### 3.18. Processing D37 (NGV778) With Multiple Crossovers.

3.18.1. There may be times when maintenance of the CTH database may not be required to process the D37 for several days. This can be done, but it will require close coordination and system processing time. The following is recommended to reload each day's transaction histories. These transaction histories will be loaded from the RPTRUN (crossover) dump.

- 3.18.1.1. Complete all reports on the secondary database.
- 3.18.1.2. Process RPTEON on the secondary database.
- 3.18.1.3. Dump the secondary database.
- 3.18.1.4. Save and modify an existing IRU runstream with the following ECL commands. Process this IRU Reload for the first day of transactions to reload.
  - 3.18.1.4.1. @RUN,A RELOAD,,xGV0
  - 3.18.1.4.2. @SYM PRINT\$.,,RPS08
  - 3.18.1.4.3. @ASG,T APPL01\*IRU\$HF.
  - 3.18.1.4.4. @ADD 0GV0\*DBRUN\$.DOWN/GV-x
  - 3.18.1.4.5. @IRU
  - 3.18.1.4.6. RELOAD FILE DMS\$<ALN>\*TXHIST-GV-x
  - 3.18.1.4.7. FROM REEL ??????;
  - 3.18.1.4.8. ACT; END;
  - 3.18.1.4.9. @ADD 0GV0\*DBRUN\$.UP/GV-x
  - 3.18.1.4.10. @FIN **Note:** Replace ?????? with the reel number of the RPTRUN dump tape. For multiple reels you only need the first tape number. x equals secondary gang number.
- 3.18.1.5. Change the following fields to equal the date of the transaction histories loaded from the previous paragraph 002-ORDINAL-DATE, 002-JULIAN-DATE, 002-CALENDAR-DATE.
- 3.18.1.6. Process the D37.
- 3.18.1.7. Repeat the IRU Reload instructions above until all days have been recovered. See the note above; remember to change the ?????? each time to the applicable reel number.
- 3.18.1.8. Dump the CTH database:
  - 3.18.1.8.1. @START 0GV0\*DBRUN\$.IRUDUMP/CTHx
- 3.18.1.9. Once the last D37 has processed, down and delete the secondary database. x equals the secondary gang number. RPTEON has already updated the primary. These two steps will prevent an erroneous update of the primary database.
  - 3.18.1.9.1. @ADD 0GV0\*DBRUN\$.DOWN/GV-x
  - 3.18.1.9.2. @ADD 0GV0\*DBRUN\$.DELETE/GV-x
- 3.18.1.10. Process UTL042, if desired, to list the days and transaction counts of your CTH database.
- 3.18.1.11. Resume normal processing.

### 3.19. Processing UTL043 (NGV043) With Multiple Crossovers.

3.19.1. There may be times when reprocessing of UTL043 cannot be completed in an end-of-day due to the number of transactions on your system or recoveries. These procedures cover the steps necessary to resize your CTH areas in the event that the download and upload will cover more than one end of day reports. As with resizing GV, ensure that these procedures are discussed ahead of time with all users.

3.19.2. Process your normal end of day crossover. Ensure your DMC does not scratch the tapes for the days that are to be loaded. You must ensure all steps are clear before and after reloading the CTH database. You can either start your upload after end of day reports or whenever you want. We suggest the following; leave the 002-ATH-IMPLEMENTED flag to equal a " " (space), process RPTRUN (crossover) on the primary, and process UTL043 while the dailies are processing. Again, this is a suggestion and may be processed as locally determined.

3.19.3. In any case, process an IRUDUMP after each successful UTL043. Each tape may take anywhere from 2 to 16 hours to process, depending upon the number of transactions and number of days you are loading.

3.19.4. Process UTL042 to list out the dates and number of transactions loaded for your days reloaded. After all reloads have been completed, unless local procedures exist, the users may now query the CTH database.

**3.20. Resizing Existing CTH Database.** These steps will be used to resize an existing CTH database. You should keep at least 13 months of data on your CTH database. However, this may change from one system to another based upon the disk area available and workload. Before any resize, notify all users that all CTH processing must cease until after the resizing has been completed. The only time the ADS for GV has to be down is for the runstream ACTIVATE/SBSS-SCHEMA. Once this has been completed, all users can continue processing with the exception of CTH. Before you start to resize your CTH area consider the average time to download, resize, and upload 13 months' worth of CT-HISTORY records.

3.20.1. Before any resize, save your SBSS executive environment and CTH database:

3.20.1.1. @START 0GV0\*DBRUN\$.CREATE/ALN-EXEC

3.20.1.2. @START 0GV0\*DBRUN\$.IRUDUMP/CTHx

3.20.2. Next, you must download existing CTH records using UTL041. Process UTL041 with a B in position 54. This option bypasses deleting the records as they are being downloaded. Since these areas will be initialized later, this will save a lot of processing time. (See **Ch 2**, for UTL041.) After processing UTL041 to download all CTH records, continue with the CTH resizing. Process NGV330 download option to save your 707 records that have not been cleared by Document Control. Turn CTH off by setting the 002-ATH-IMPLEMENTED to equal a " " (space) on the primary. Do not set it back to a 1 until all recoveries are completed and you start processing the D37.

3.20.2.1. Size your new schema: @ADD 0GV0\*DBRUN\$.NGVU31

3.20.3. Enter option 2 for CTH. Next, NGVU31 will prompt for the number of 704-TRANSACTION-HISTORY records to be stored. Again, using the formula displayed, enter this number. When you return to the main menu of NGVU31, use the L option to list the new

sized CT-HISTORY area. Ensure primary database is offline and no users can access the database. Start the resize process:

3.20.3.1. @ADD 0GV0\*OUTFILE.

3.20.3.2. @START 0GV0\*TEMPSCHEMA.ACTIVATE/SBSS-SCHEMA

3.20.3.3. @ADD 0GV0\*DBRUN\$.SCHEMA/CLEAR

3.20.3.4. @ADD 0GV0\*DBRUN\$.CTH1

3.20.3.5. @ADD,L GV\$\$0000\*GVECLUD001.NGV225R **Note:** NGV225 will prompt for gang number and number of CT-HISTORY tracks. This run will build the 711-CT-HISTORY-CONTROL and 710-CT-SUPPORT records. The 711-CT-HISTORY-CONTROL resides in the CT-HISTORY area at page 1, record 1. This is the only record on this page. The 710-CT-SUPPORT resides in the CT-CTRL-GV-1 area at page 1, record 1, and will not be the only record stored on this page. This is a CTS subroutine that will prompt you for the correct answers. The response for number of tracks must be six positions. Once NGV225 completes continue, start the upload process.

3.20.4. Process UTL043 to upload your CTH records downloaded from UTL041 tapes in this section. (See **Ch 2** for the UTL043 instructions.) This may take anywhere from 2 to 16 hours per month. These tapes must be reloaded in transaction date sequence with the oldest date loaded first. **DO NOT SKIP** any dates or your CTH database will become an invalid audit trial. If the upload extends past your end of day processing and crossover is required, follow the steps in the paragraph on Processing UTL043 (NGV043) With Multiple Crossovers, in this section. If the upload does not extend past your end of day, continue on with the following step:

3.20.5. Process UTL042. This report will verify the CTH database, list the transaction dates and number of transactions for the days on the select card. UTL042 is used as a verification list to ensure the correct number of transactions are loaded for the dates selected.

**3.21. Examples of CTH Recoveries.** There are many ways to recover the CTH area. Since the CT-HIST area is made up of direct records you can recover this area in a number of different ways. Just remember, you can NEVER use AUDIT-TRAIL tapes. Since LOOKS and RECOVERYOFF options are utilized, nothing from CTH is ever written to AUDIT-TRAIL. Be sure that anytime you use your Secondary gang to reload 901 records, ALWAYS, REPEAT ALWAYS, dump it PRIOR to reloading anything. Remember, RPTEON on the secondary will cross over numerous records and if you have an old dump loaded, that's what gets crossed over. The following are a few examples only. There are too many conditions to list that might require a recovery.

3.21.1. ERROR 1: Disk crash, last good dump was 3 days prior. First, dump the secondary database and process RPTEON on the secondary after all reports have completed. Next, reload the only transaction histories from the first crossover dump. After loading the transaction histories, change the 002-ORDINAL-DATE, 002-JULIAN-DATE and the 002-CALENDAR-DATE to equal the date of these histories. Process the D37 and repeat these steps with each RPTRUN on the primary. When completed, DO NOT, REPEAT, DO NOT PROCESS RPTEON ON THE SECONDARY GANG.

3.21.2. ERROR 2: Monday's histories are valid, Tuesday's are invalid, Wednesday's are valid, Thursday's are valid and today is Friday. Use the procedures from paragraph above to recover the CTH areas.

3.21.3. ERROR 3. Using the same two examples in section above, you may also recover the CTH database using the following steps:

3.21.3.1. Process all secondary reports.

3.21.3.2. IRU dump the secondary.

3.21.3.3. Process secondary RPTEON.

3.21.3.4. Reload Monday's CTH dump to the primary.

3.21.3.5. Reload the transaction histories (901) from the RPTRUN dump taken Monday to the secondary database.

3.21.3.6. Change 002-ORDINAL-DATE, 002-JULIAN-DATE and 002-CALENDAR-DATE to reflect the transaction history date (MONDAY). Change 002-FLAG-S to a 1, if RPTEON has already been processed.

3.21.3.7. Process D37.

3.21.3.8. Repeat reloading the transaction histories, changing the dates and processing the D37 for each day until current.

3.21.3.9. Process the R60 to update the CTRL area.

3.21.3.10. IRU dump the CTH database when completed.

3.21.3.11. Down and delete the secondary. DO NOT, REPEAT, DO NOT process RPTEON on the secondary.

3.21.3.11.1. EXAMPLE 1: Recovering The Consolidated Transaction History (CTH) Areas

3.21.3.12. 798 REJECT. This is usually caused by Batch Production Scheduler (BPS) cleanup deleting the BPS file so the program cannot go to a good end of job.

3.21.3.12.1. Process UTL042 for the date you are processing on.

3.21.3.12.2. Validate total transactions with the SORT count from the D37. This was displayed on your console typeout. If the totals on UTL042 match the number of transactions sorted, then no recovery is required.

3.21.3.12.3. Resume normal EOD processing.

3.21.3.12.4. If the count does not match, you will have to reload the CTH dump taken prior to the D37 and then reprocess the D37.

3.21.3.12.4.1. EXAMPLE 2: Download and Upload Of CTRL-GV-1 Area

3.21.3.13. RPTR59 (NGV781) is unmanageable; that is 300 or more pages. When you process the R59 and there are no records selected, based upon input or the DCC images being sent back to the main frame 2200 not clearing, you may need to download/upload the CTRL-GV-1 area.

3.21.3.13.1. DMU VERIFY of the CT-CTRL-GV-x area shows the number of overflow pages as being 400 or more. There are only a maximum of 577. Subtract prime pages from overflow pages.

3.21.3.13.2. Use the following to download and upload your DCC images. While doing this, normal processing on the primary and secondary can continue, except for processing against the CTH areas.

3.21.3.13.2.1. Process NGV330 download option. Have Document Control suspend download and upload of DCC images.

3.21.3.13.2.2. Rebuild the CT-CTRL-GV-x area and clear the overflow pages:

3.21.3.13.2.2.1. @ERS DMS\$<ALN>\*CT-CTRL-GV-X

3.21.3.13.2.2.2. @ADD 0GV0<ALN>\*DBRUN\$.DMU

3.21.3.13.2.2.3. INITIALIZE AREA CT-CTRL-GV-x

3.21.3.13.2.2.4. @EOF

3.21.3.13.2.3. Use NGV299 to store the 710 record.

3.21.3.13.2.4. Delete any invalid DCC images. These images will be in file xGV0<ALN>\*GV330UD700. The x equals primary gang.

3.21.3.13.2.5. Process NGV330 to upload the DCR images.

3.21.3.13.2.6. Dump the CTH database:

3.21.3.13.2.6.1. @START 0GV0\*DBRUN\$.IRUDUMP/CTHx

3.21.3.13.2.7. Resume normal processing.

3.21.3.13.2.7.1. EXAMPLE 3: Check the following if you receive the message no records selected when processing the R59:

3.21.3.14. List the CT-DELINQUENT-TRIC records (708). The R59 uses the TRIC and date fields on these records for selection criteria. The 708 records can be added, deleted, or changed via TIP screen TRIC 1DQ (screen #412) by Document Control personnel.

3.21.3.15. List the 710-DELINQUENT-DATE using NGV299. The R59 compares this date to the CT-DOCUMENT-CONTROL records (707) and the CT-DELINQUENT-TRIC records (708) to determine delinquency. This date is determined and updated via TIP screen 1AQ (screen #503) by Document Control personnel.

### ***Section 3E—Import And Export Definition***

#### **3.22. Overview of the UDS Environment.**

3.22.1. One of the most important functions of maintaining the DMS databases are the Unisys Repository Manager (UREP). UREP is part of the overall Universal Data System (UDS). SBSS will be our main concern in this UDS review. The SBSS utilizes the Repository and the File Description Table (FDT) for storage/definition of all the DMS areas. Always coordinate with the SBLC/RPC when you do an IMPORT or INSTALL. If a UDS-DUMP or UDS-LOAD



is in progress, the IMPORT or INSTALL will not work. Also, if this is done after hours, see if the DMC will wait until after the IMPORT/INSTALL to run the UDS dump.

### 3.22.2. Example of Repository and File Description Tables:

```

/      \      _____
/ Repository \      |ITMDTL-GV | |DOCNBR-GV |
|           |      | [FDT] | | [FDT] |
| ITMDTL-GV  |      >|_____ | -|_____ |
| DOCNBR-GV  |      |         |
| REPCYC-GV  |      _____
| PRTNBR-GV  |      |REPCYC-GV | |PRTNBR-GV |
| etc.....   |      | [FDT] | | [FDT] |
\ 249 areas SBSS /<  |_____ | -|_____ |
\_____ /

```

3.22.3. In the above example, the Repository contains descriptions of all 249 areas of the SBSS database. You MUST have a corresponding FDT for each description in the database. You always create the Repository then build each FDT by using the CREATE/INSTALL commands in the IMPORT or INSTALL runstreams. Next, each runstream is explained to illustrate the relationship of the Repository and FDT.

## 3.23. Import/Delete/Report Definition.

3.23.1. IMPORT. This command builds the internal database called the UDS (Universal Data System). These are tables which define external DMS-EXEC database areas. They define certain attributes about these areas such as locking strategy, assignment configuration, area sizes and so on. Without a valid UDS, the external database could never be operational. The DD (Data Dictionary) processor is used to update or delete the UDS. Anytime a resize is accomplished, the UDS as well as the DMS areas must be updated. The application (APPL01) for instance, checks the UDS prior to the DMS-EXEC areas. If it's corrupt, a DMS 1100 error will occur. The three most common options we use through the DD processor is Delete, Install, and Report.

3.23.2. DELETE OPTION. First, look at the Delete option. The main purpose of the delete option is to remove all FDT (File Description Tables) from the UDS. There must be a FDT for every DMS-EXEC area in your database. The example shows the relationships of the FDT and Repository. You may have to delete and reinstall these areas after a system crash, 413-boot, and the delete is mandatory after a database resize. You always delete the FDT first, then the repository. The following two examples show the difference: (1) PROCESS STORAGE-AREA ITMDTL-GV-1 VERSION ALL FOR SCHEMA SBSS9005EMA DELETE, and, (2) DELETE STORAGE-AREA ITMDTL-GV-1 VERSION ALL FOR SCHEMA SBSS9005EMA. In the first example, the PROCESS is placed in front and the DELETE verb is at the end of the command. This tells the DD processor to delete the FDT. The second example shows the DELETE in front of the command. This tells the DD dictionary to delete

the Repository. Remember, you must delete the FDT first, then the Repository or a DD error will occur.

3.23.3. REPORT OPTION. This option reads the UDS database and displays the attributes for each DMS-EXEC area. The following example shows the Report option for DMS\$<ALN>\*ITMDTL-GV-1:

3.23.3.1. @DD,DE

3.23.3.2. UREP 1R2 (07/17/92 15:25:10) 11/02/93 12:59:59

3.23.3.3. \*REMARK\* The default UDS application (UDSSRC) will be used.

3.23.3.4. PROCESS STORAGE-AREA ITMDTL-GV-1 VERSION ALL FOR SCHEMA

3.23.3.5. SBSS9005EMA REPORT.

3.23.3.6. Report for Storage-area ITMDTL-GV-1 for Schema SBSS9005EMA

3.23.3.7. Preamble Length: 16 FDT Length: 20 Total Length:

3.23.3.8. 36 Format: 5

3.23.3.9. File-Type: EXEC Data-Format: DMS-DATA

3.23.3.10. File-Name: ITMDTL-GV-1 #characters in name: 11

3.23.3.11. Qualifier: DMS\$<ALN> #characters in name: 8

3.23.3.12. Read-Key: #characters in name: 0

3.23.3.13. Write-Key: #characters in name: 0

3.23.3.14. File-Status: UP Recovery: RECOVERED AUDITED Checksum: NO

3.23.3.15. Maximum-Pages: 8070 Page-Size: 1792

3.23.3.16. Darp-Sarp: SARP Lock-Strategy: PAGE

3.23.3.17. Domain: USER-UDS Keep-Assigned: TRUE

3.23.3.18. Merge-Factor: 40 Compression: ON

3.23.3.19. Data-Page-Factor: 100 Index-Page-Factor: 100

3.23.3.20. Directory: NULL

3.23.3.21. Rel-Index-Conc: FALSE

3.23.3.22. \*REMARK\* DSD4036 Your PROCESS STORAGE-AREA ALL command was successful.

3.23.3.23. END UREP (0) FATALS (0) ERRORS (0) WARNINGS (2 REMARKS).

3.23.4. As you can see, the FDT describes all attributes of DMS-EXEC areas. The two fields most frequently changed by DBRUN\$ ECL runstreams are the RECOVERY and MAXIMUM-PAGES fields. The RECOVERY is changed to AUDITED FALSE whenever LOOKSOFF/GV-x is processed from your DBRUN\$ file. This is used by the RPTD37 (NGV778) to turn after-looks off. AFTER-LOOKS are the updated database pages normally written to audit trail. Since the D37 has so many updates and IRU dumps are taken after the

report has been processed, it would be a waste of system resources to write all updated pages to the audit trail tape and then process an IRU dump.

3.23.5. The only difference between the Import and Install runstreams in your DBRUN\$ file is simply the name. Both elements INSTALL the UDS areas. However, the IMPORT is used for any UDS rebuild except NGVU31. The INSTALL runstream uses file 0GV0\*TEMPSCHEMA. which was updated by NGVU31, the SBSS resizing processor.

### **3.24. Export Definition.**

3.24.1. EXPORT. The Export process saves the descriptions after the UDS areas have been installed. The Export reads the UDS areas and writes this data to a file or element. The SBSS uses the runstream 0GV0\*DBRUN\$.EXPORT/ALL-SBSS to build this element. Once the updates have been applied to the UDS, an @START of this runstream builds the element EXPORT/SBSS-SCHEMA in your DBRUN\$ file. The following command exports the UDS areas:

```
3.24.1.1. EXPORT STORAGE-AREA ALL VERSION ALL FOR SCHEMA  
SBSS9005EMA
```

3.24.2. The above command Exports all FDT descriptions for schema SBSS9005EMA. This element must always be current and located in file 0GV0\*DBRUN\$. It's read by NGVU31, the SBSS resizing processor, and used to rebuild the UDS by runstream 0GV0\*DBRUN\$.IMPORT/SCHEMA. Since it only reads and does not update the UDS, you can run this job while the SBSS is in any processing mode.

## ***Section 3F—Database Key/Set Checks And Errors***

**3.25. Overview.** Various processes exist on the SBLC to verify the validity of the database. These include checks for valid pages (tracks) and valid linkage between associated sets. No DMS utility will verify that the data on these pages are correct. Its purpose is to verify that the database is structurally intact. If any errors appear at any time you must take your database offline and determine the cause of these errors. At no time should you remain inline if a database error is discovered.

3.25.1. SBSS application program NGV024, Item and Repair Cycle Record Link Check Program, must be used to verify the integrity of item and repair cycle records.

3.25.2. Data Management Utility (DMU). DMS 1100 Data Management Utility (DMU) processes must be used to verify the integrity of the database.

3.25.2.1. 0GV0\*DBRUN\$.VERIFY/GV-x. This runstream ensures that records located within an area are authorized, as identified by the schema, to reside within the area. It also provides certain sizing data which will be used by AFMC SCM-R Information Technology Activity personnel to determine if resizing of the database is necessary. Recommended limits are: optimum is 65 percent and maximum is 75 to 80 percent. If an area exceeds 80 percent, notify the MAJCOM and AFMC SCM-R Information Technology Activity for resizing verification. This must be processed at least weekly.

3.25.2.2. NDA500. This program verifies all sets identified by the schema. It ensures each member of the set is linked to another member in the set or to its owner record. If a set is empty, it verifies the fact that the owner's next pointer is pointing to itself. If a record

has a pointer, other than pointing to itself, the record at the location being pointed to, must be a record authorized to be in the particular set. If a record's next owner, or prior pointer does not point to a record authorized within the set, an error file is produced. NDA500 is mandatory on the secondary database daily, immediately after RPTRUN on the primary and prior to any reports on the secondary gang. It is also NDA500 mandatory weekly on the primary database using the A (all) option.

3.25.2.3. 0GV0\*DBRUN\$.VERIFY/CALCx. Performs verification of CALC chains. Recommend running bimonthly or whenever pointer errors are suspected. NDA500 will not show CALC errors. Verify/CALC is the only verification program to identify CALC errors.

**3.26. Errors.** When appropriate, all errors are printed on the AFMC SCM-R Information Technology Activity console and/or AFMC SCM-R Information Technology Activity printer. The AFMC SCM-R Information Technology Activity supervisor should review the error printouts and ensure corrective action is taken. Corrective action is unique for each situation. Any errors from the Verify/GV-x, Verify/CALCx, or NDA500 produced on the primary database must be corrected as soon as possible in order to maintain database integrity. This would include taking the primary database offline, correcting the error or errors, dumping the database and then resuming normal processing. Under no circumstances must an SBSS account be online if errors are discovered or suspected.

### ***Section 3G—Forced Record Alteration (NGV299)***

**3.27. Overview.** Occasionally, there will be conditions created on a database that cannot be corrected by processing normal transactions. When these conditions exist the records must be altered or deleted. However, there are conditions where record alterations should never be used; this includes NGV299, QLP with update, and DBE. Use of QLP with update and DBE (Database Editor) is authorized by the MAJCOM or AFMC SCM-R Information Technology Activity ONLY. It is mandatory that all ERRORS should be corrected by processing a normal input or a series of inputs, such as file maintenance, reverse-post, or inventory adjustments in lieu of NGV299.

**3.28. Processing of Program NGV299.** This program will permit alteration or deletion of records on the database. The execution of this program is restricted to the AFMC SCM-R Information Technology Activity (function 057) and should only be executed by personnel who are familiar with database management system commands and the structure of the database. **Para 3.54** lists the commands authorized for execution by program NGV299. **Para 3.55** provides examples to execute several of the commands. The program is gang oriented. Once the execution phase has started and a gang number has been entered, it cannot be changed. To enter a different gang number, terminate execution of the current run and reexecute the run unit using the desired gang number. When executing this program, it is essential to ensure that currency of the record being modified is established prior to the modification. One word of caution; do not try to alter, modify, or delete records while online because you may cause database pointer errors. NDA500 must be processed after NGV299 has completed processing.

**3.29. Documentation.** For accounts not aligned under the Air Force Sustainment Center (AFSC) construct, a document reflecting both the BEFORE and AFTER image is printed for each record altered or deleted. All copies of the document will be annotated with an explanation of why an

alteration was made. The document must also indicate if A&F and satellites or other type stock record account records were affected. The host LRS Commander/AO or AFMC Computer Operations designated representatives will sign the statement. The original copy of the document will be filed in Document Control, host/SD 01 site, marked as FORCED RECORD ALTERATIONS (FIX). A copy of the document will be forwarded to A&F and satellite or other type stock record account if the alteration affected their records. For accounts aligned under the AFSC, a document reflecting both the BEFORE and AFTER image is posted to the AFMC Computer Operations Forced Record Alteration (FIX) database for each record altered or deleted. The document will be annotated with an explanation of why an alteration was made and will indicate if A&F or other type stock record account records were affected. Supported LRS/satellite Document Control Sections and/or A&F will retrieve the FIX documentation from the AFMC Computer Operations FIX database.

**3.30. Control Number.** Each document produced by a record being changed or deleted is assigned a serial number under program control. The serial number consists of a 4-digit Julian date and a 4-position serial number. The serial number portion of the control number is stored in the inventory adjustment record and is updated each time a document is produced. The latest serial number will be printed on the monthly Consolidated Inventory Adjustment Document Register (M10/NGV836) allowing Document Control to account for record alterations. The serial number will be reset to zero on the record at year's end when the end-of-year option of the Prep Inventory Accuracy Records Program (A02/NGV838) is exercised. If a previous database is recovered and a FIX has to be processed, annotate the FIX output with MEMO FOR RECORD. Explain in the memo the reason for the FIX, indicating the FIX was processed on a previous database. The M10 will not show these FIX numbers.

**3.31. Reconstructing Destroyed Records.** If a complete record is lost and must be reconstructed on the database, use the applicable inputs to reestablish the record. For example, if an item record is lost, use a FIL input to reload the record; use an inventory adjustment input to establish the serviceable balance (if applicable) and execute NGV299 to enter applicable data in other fields that cannot be entered with normal inputs.

**3.32. Instructions For FIXPUTFILE and FIXRECFILE.**

3.32.1. Program NGV299 uses two files that are created from the current source schema. The files are 0GV00000\*FIXRECFILE. and 0GV0<ALN>\*FIXPUTFILE. These files contain tables used to describe records, data names, and sets from the schema. When a change is made to the schema these two files must be re-created at all bases.

3.32.2. To create the new files, the new schema must be loaded, then execute program NGV299 with the following command:

3.32.2.1. @START 0GV0\*DBRUN\$.CREATE/FIXREC

3.32.3. The above job will delete and recatalog the 0GV00000\*FIXRECFILE. and 0GV0<ALN>\*FIXPUTFILE. for the input ALN. On stacked systems, ensure that you coordinate with all ALNs prior to processing CREATE/FIXREC.

***Section 3H—Automated Pointer Correction Program (NDA500)***

**3.33. Overview.** Occasionally database set errors will occur. The main causes of database set errors are improper recoveries, system crashes and disk problems. At no time should this program be processed to correct set errors without thoroughly researching the possible cause of the errors. This program should not be utilized to circumvent normal SBSS recovery techniques; for example, audit trail recovery, supply transaction recovery (STR), or the combination of both. Even though the program will make a database structurally correct, accountability is not guaranteed. Records are linked within sets by pointers. There are three types of pointers utilized: next, prior, and owner. However, not all records contain all three types of pointers. NDA500 is a pointer correction program whose OPR is system code DA.

**3.34. Frequency of Processing NDA500.**

3.34.1. This program must be processed:

3.34.1.1. Any time database pointer errors are suspected; that is, 799 rejects with an error number of 92.

3.34.1.2. After the completion of all audit trail tape and STR (Supply Transaction Recovery) recoveries.

3.34.1.3. Daily on the secondary database after RPTRUN (crossover) and prior to any reports processing.

3.34.1.4. After any system crash or reboot.

3.34.2. During the processing of NDA500, other SBSS programs may continue processing and apply updates which can cause erroneous pointer errors to be identified. Therefore, if NDA500 is processed with other SBSS programs running, sets identified in error should be reverified.

**3.35. Program Logic.**

3.35.1. Execution of NDA500. NDA500 is started by entering the following execute statement from any demand terminal: @XQT DMS\$0000\*DBALIB\$.NDA500. Screen NDA500 1R1 will be displayed. After the required data has been entered, the operator depresses transmit, and the program will build the summary file (see **Para. 3.58.**). If an attempt is made to review the summary file during the build process, the program will produce a File FAC Status of 400010000000.

3.35.2. NDA500 Functions. After the summary file has been built, the program will begin a batch run. This operation consists of two phases: database scan and verify. During the database scan phase, the program scans the database and selects all records that reside in the specified type set; for example, all records that belong in the ISG-Item record set are selected. Set integrity is maintained for the verify phase. During the verify phase, the program continues through the set from the owner by the set's next pointer and performs the following edits:

3.35.2.1. Does the member belong in the set?

3.35.2.2. Do the member records have the correct owner pointer, if applicable?

3.35.2.3. Does the member records prior pointer equal that of the previous record in the set, if applicable?

3.35.2.4. Does the next pointer point to a record in use?

3.35.2.5. Does the next pointer point into an authorized area when records are authorized to cross areas?

3.35.3. NDA500 Output. After the batch run has been completed, the user should print the summary file. This listing will be maintained for 90 days, and it is to be used for comparison during any recoveries.

3.35.4. Errors. If errors are encountered during the run, all processing on the primary database must be suspended and NDA500 must be processed utilizing the A option. Secondary processing may continue. During the period when NDA500 is processing, management personnel should start investigating the possible cause of the errors. Items that should be considered since the last error free run of NDA500 are:

3.35.4.1. Has a recovery of the SBSS database been accomplished?

3.35.4.2. Were there any abnormal system crashes?

3.35.4.3. Was there a power flux or outage?

3.35.5. Once the cause has been identified, if possible, a decision must be made to perform a standard SBSS recovery or patch the database. It must be noted at this time that the SBSS recovery may consist of an audit trail recovery, a STR recovery, or a combination of both. Recovery should always be the first option considered because, even though patching a database will make it structurally correct, accountability is not guaranteed.

3.35.6. If the decision is made to patch the database, at the discretion of the MAJCOM, either MAJCOM personnel or base personnel will patch the database. Recommend MAJCOM personnel patch the database when possible.

3.35.7. The first step to be accomplished when the database is to be patched is to print the patch file (See [Para 3-58.](#) through [Para 3-60.](#)). After researching the list to ensure that the program generated patches are correct, the user should remove the appropriate asterisk, and then the user must reverify the set. The user must ensure that the current set is error free prior to proceeding to the next set type. Upon completion of the reverify, and when all errors have been corrected, the patches must be applied to the database with NGV224. Program NGV224 will apply the patches to the database, assign the next FIX serial number to the output listing, and update the 510 record. Each set in error will be assigned a FIX serial number. The output from NGV224 must be signed by the LRS CC/AO or their designated representative and filed in Document Control as with any other FIX document.

3.35.8. After the database has been patched, NDA500 should be reprocessed with the A option to ensure that the database is error free. In addition, in the majority of cases, all patches should be accomplished against the primary database. The only exception to this is if RPTEON on the secondary aborts due to a 799 reject with function code 03 and error code/number 92.

### **3.36. Special Instructions.**

3.36.1. When a new schema is implemented, the summary file must be deleted. This is required to build a new summary file which will match the new schema. This can be accomplished by deleting file SYSS\$\*SG\$3142\$0000.; G equates to each active SBSS gang.

3.36.2. In the event NDA500 should error-fin and the active runs exceed one, the status file must be rebuilt. This may be accomplished by deleting file SYS\$\*NDA500STATUS. and reexecuting the program.

3.36.3. If a FAC status of 440000000000 is received when attempting to print a file or patch a record, the previous file must be deleted and the print or patch must be reexecuted. To delete these files, add the SYS\$ qualifier to the file name which appears on the first line of the appropriate screen.

3.36.4. For SBSS, NDA500 is mandatory after an audit trail recovery, STR (Supply Transaction Recovery), or IRU recovery. All pointers must be corrected prior to any users accessing the SBSS database. The AFMC SCM-R Information Technology Activity supervisor must ensure this is complied with.

### ***Section 3I—Database Key Format (Addressing)***

**3.37. Overview.** This section describes the format used by database keys and their relationship in the storage and access of database records.

3.37.1. A database key is the unique identifier of a record within a database. One database key is assigned to each record in a database. This is a physical address of the record. The database key consists of two parts: Area Name and Area Key.

3.37.2. DMS 1100 implements database keys at two levels as follows:

3.37.2.1. A high level implementation for use by the run unit.

3.37.2.2. A low level form for the Data Management Routine (DMR) and the run unit.

3.37.3. The DMR converts from one level to another. A database key which is initiated by the DMR; for example, after storing a record whose location mode is via set, is available in both forms to the run unit. Conversely, the database key supplied by the run unit before storing a record whose location mode is direct, is passed to the DMR and converted before the record is stored.

### **3.38. Run Unit Database Keys.**

3.38.1. A database key consists of an area name and an area key. It is specified in a run unit in a pair of datanames defined in the data division of the user program.

3.38.2. The user (Database Administrator or AFMC SCM-R Information Technology Activity) may specify a database key in the pair of reserved data names AREA-NAMES and AREA-KEY. They are produced by the Data Manipulation Language (DML) preprocessors in the working or common storage section of the user program as part of the Data Management Communications Area (DMCA).

3.38.3. The user has the option to specify their own data names to define a database key. In this case, the area name must be in a 77-level single item data name, defined with USAGE IS AREA-NAME clause and no PICTURE clause. The AREA-NAME usage clause will be replaced by the Data Definition Language/Subschema Data Definition Language (DDL/SDDL) with PIC IS X(12) USAGE IS DISPLAY clauses. An area key of a database key consists of a page number and a record number. These are always in DDL/SDDL processor produced subordinate items with PIC IS 9(5) USAGE IS COMP clauses for these



two items. They have the reserved name PAGE-NUM and RECORD-NUM. The user specified database key will be a 01- or 77-level data-base-date-name defined with USAGE IS DATABASE-KEY clause and no PICTURE clause. The DATABASE-KEY clause will be replaced by the DDL/SDDL with a PIC IS 9(10) USAGE IS COMP-4 clause.

3.38.4. The Data Definition Language and the Data Manipulation Language pair data-base-data-names to specify a database key. For example; LOCATION MODE IS DIRECT data-name-1, data-name-2 pairs data-name-1 and data-name-2 to specify a database key whose area name is in data-name-2 and whose area key is in data-name-1.

3.38.4.1. EXAMPLE: Assume the user program contains these DDL statements in the data name section.

3.38.4.1.1. 77 A-NAME USAGE IS AREA-NAME.

3.38.4.1.2. 01 A-KEY USAGE IS AREA-KEY.

3.38.4.1.3. 01 LINK USAGE IS AREA-KEY.

3.38.4.2. The COBOL source language which is produced by the DDL/SDDL processors (assuming no subschema renaming) would look like:

3.38.4.2.1. 77 A-NAME USAGE IS DISPLAY PIC X(12).

3.38.4.2.2. 01 A-KEY USAGE IS COMP-4.

3.38.4.2.3. 02 PAGE-NUM PIC 9(5).

3.38.4.2.4. 02 RECORD-NUM PIC 9(5).

3.38.4.2.5. 01 LINK USAGE IS COMP-4.

3.38.4.2.6. 02 PAGE-NUM PIC 9(5).

3.38.4.2.7. 02 RECORD-NUM PIC 9(5).

3.38.4.3. Thus, the procedure division statements:

3.38.4.3.1. MOVE HISTORY-FILE TO A-NAME.

3.38.4.3.2. MOVE 1 TO PAGE-NUM OF A-KEY.

3.38.4.3.3. MOVE 17 TO RECORD-NUM OF A-KEY.

3.38.4.3.4. MOVE HISTORY-FILE TO AREA-NAME.

3.38.4.4. These statements define a database key to the DMR for commands such as FIND ADMINISTRATIVE RECORD where location mode of ADMINISTRATIVE record type is DIRECT USING A-KEY, A-NAME FIND A-KEY, A-NAME. The last two statements have the same effect. They establish the 17th record of page 1 of area HISTORY-FILE as the current record.

### **3.39. DMR Database Keys.**

3.39.1. The database key internal to the DMR consists of:

3.39.1.1. Schema area code

3.39.1.2. Page number

#### 3.39.1.3. Record number

3.39.1.4. The above listed items are packed into three subfields of a 36-bit word. The format of the three subfields depends on schema and area descriptions.

##### 3.39.1.4.1. SUBFIELD BIT ALLOCATION

3.39.1.4.2. AREA-CODE - 7 to 12 bits PAGE NUMBER - 9 to 18 bits RECORD NUMBER - 6 to 15 bits

3.39.1.4.3. The Subfield Bit Allocation shows possible formats of DMR database keys in an area.

3.39.2. The high order subfield contains the area code. The size of the area code field is constant throughout a schema once it is fixed between a minimum of 7 bits and a maximum of 12. The size of this field is determined by the number of areas specified in the AREA CONTROL clause of the DDL. However, if the number of areas is less than 127, 7 bits will be allocated. If the ALLOCATE clause is not specified, the subfield is assigned 12 bits.

3.39.3. The middle field contains the page number. The size of this field may vary throughout an area. The size of the page number field is determined by the larger of two numbers: the number of pages specified on the DDL ALLOCATE clause, or 21 minus the number of bits for the area code. It has an absolute minimum in any area of 9 bits and a maximum of 18 bits.

3.39.4. The low order subfield contains the record number. The field must be at least 6 bits and at most, 15 bits. Its size in an area is the number of bits not assigned to the area code or page number fields. The DML preprocessor provides the basic structure for database key conversion. When a record whose location is direct is stored or found, the DMR must be supplied with a database key. The database key (area name and area key) must be specified within the run unit before execution of a STORE or FIND command. Refer to Unisys UP-7907, Data Management System (DMS 1100), Schema Definition, Data Administrator Reference, for additional information on Database Keys.

### 3.40. Database Key Conversion Procedures.

3.40.1. Use the following procedures for converting a database key to its area, page, and record number:

3.40.1.1. Convert the database key to its 36-bit binary representation.

3.40.1.2. Do an @PRT,F on the area name to get its cataloged page size. If the minimum and maximum track size differ on the @PRT,F always use the minimum size.

3.40.1.3. Go to table 3.1. and locate number bits used for page/record number based on the size of the area. (Area number is always 12 most significant bits of the database key.)

3.40.1.4. Convert binary representation of page/record number to its octal equivalent (each done individually).

3.40.1.5. Convert octal representation of area/page/record number of its decimal equivalent (each done individually).

3.40.1.6. You now have the area/page/record number where the record actually resides on the database.

3.40.2. Example of converting a database key located in ITMDTL-GV area.

3.40.2.1. Given a database key of 000211270005, its binary representation would be:

3.40.2.1.1. Bit position: 35-33 32-30 29-27 26-24 23-21 20-18

3.40.2.1.2. 000 000 000 010 001 001

3.40.2.1.3. 17-15 14-12 11-9 8-6 5-3 2-0

3.40.2.1.4. 010 111 000 000 000 101

3.40.2.2. Since it has been determined that the ITMDTL-GV-1 area is cataloged at 6770 pages (this from an @PRT,F DMS\*ITMDTL-GV-1.), go to the conversion table to find how many bits are used for the page and record. The table will show that 13 bits are used for the page and 11 bits are used for the record number. (The 12 most significant bits are always used for area number.)

3.40.2.3. Bit settings for the area number looks like:

3.40.2.3.1. Binary: 000000000010 (bits 35-24)

3.40.2.3.2. Convert binary to octal: 0002

3.40.2.3.3. Convert octal to decimal: 2

3.40.2.4. Bit settings for the page number looks like:

3.40.2.4.1. Binary: 0010010101110 (bits 23-11)

3.40.2.4.2. Convert binary to octal: 02256

3.40.2.4.3. Convert octal to decimal: 1198

3.40.2.5. Bit settings for the record number looks like:

3.40.2.5.1. Binary: 00000000101 (bits 10-0)

3.40.2.5.2. Convert binary to octal: 0005

3.40.2.5.3. Convert octal to decimal: 5

3.40.2.6. The area/page/record number = Area 2

3.40.2.6.1. Page 1198, record 5

3.40.3. Conversion Table 1:

**Table 3.1. Conversion Table 1.**

IF CAT STATEMENT BETWEEN:	THEN, # PAGE BITS	# RECORD BITS
1-511	9	15
512-1023	10	14
1024-2047	11	13

2048-4095	12	12
4096-8191	13	11
8192-16383	14	10
16384-32767	15	9

3.40.4. An ECL runstream released in your 0GV0\*DBRUN\$. file can also eliminate the awkward use of manually converting these keys. To use this database key converter, do the following:

3.40.4.1. @START 0GV0\*DBRUN\$.CREATE/NDA340 Note

3.40.4.2. When the above run finishes, go into CTS and CALL 0GV0\*DBRUN\$.CONVERT/DBK. Enter the 12-position database key for Area/Page/Record conversion. **Note:** This only has to be processed once for each ALN's 0GV0\*DBRUN\$. file. The only time it is required to run this job is after a resizing or if the element SBSS/NDA340 is missing.

### ***Section 3J—0GV0<ALN>\*DBRUN\$ Elements.***

**3.41. Overview.** The following files are the database files used by all ALNs. These ECL runstreams are released by AFMC SCM-R Information Technology Activity under file 0GV0\*DBRUN\$. References to GVx are for GV gangs 1 through 8 and CTHx equals gangs 1 through 4, unless otherwise stated.

**Table 3.2. 0GV0<ALN>DBRUN\$ Elements.**

ELEMENT	FUNCTION
ACOPY	This runstream is used to ACOPY a previous IRU dump into the input GV database. Element SGS identifies tape and gang number.
ACOPY/CTH	Same as ACOPY except used by CTH.
AUDIT-TRAIL/REPORT	Lists all audit trail tapes, from the most current to the oldest.
CAT/CTHx	Contains the catalog or assign statements for a particular gang.
CATx	Contains the catalog or assign statements for a particular gang.
CONVERT/DBK	CTS subroutine used to convert an input 12-position database key to area, page, record. Used with CREATE/NDA340 and SBSS/NDA340 elements.
COPSCH	Copies the SBSS-SCHEMA absolute from file 0GV0*TEMPSCHEMA. into file DMS\$<ALN>*SBSS-SCHEMA.

COPYG/CTHx	Runstream used to COPY,G tape into mass storage.
COPYG/GV-x	Runstream used to COPY,G tape into mass storage.
COPYGM/CTHx	Runstream used to COPY,GM mass storage to tape.
COPYGM/GV-x	Runstream used to COPY,GM mass storage to tape.
CREATE/ALN-EXEC	Dumps the ALN unique SBSS system files to tape.
CREATE/FIXREC	Rebuilds files 0GV00000*FIXRECFILE. and 0GV0<ALN>*FIXPUTFILE. Must be ran for each ALN by gang 1 only.
CREATE/NDA340	ECL runstream uses NDA340 to build a SYM element used by CONVERT/DBK subroutine.
CTHx	Downs, deletes, catalogs, ups, and initializes the three CTH areas. The catalog sizes are used from 0GV0*DBRUN\$.
CTS/ALN-SGS	HQ OSSG SGS used by CREATE/ALN-EXEC tape.
CTS/NDA340	CTS routine used to modify element SBSS/NDA340 created by CREATE/NDA340.
CTS/SGS	HQ OSSG SGS used by CREATE/ALN-EXEC tape.
DELETE/CTHx	Deletes the DMS-EXEC CTH areas.
DELETE/GV-x	Deletes the DMS-EXEC GV areas.
DELETE/SCHEMA	Deletes all FDT and REP descriptions from the UDS for Schema SBSS<ALN>EMA.
DISPLAY/DOWN-CTHx	Displays downed areas for CTH.
DISPLAY/DOWN-GVx	Displays downs areas for GV.
DMU	Invokes subschema DMU for manual entries.
DNLOADx	ECL used to download the database to tape to be read by UPLOADx. Primary GV gangs only.
DOWN/CTHx	IRU downs the CTH areas. This frees up these areas from the Exec and APPL01.
DOWN/GV-x	IRU downs the NGV areas. This frees up the areas from the Exec and APPL01.
DOWN/SCHEMA	IRU downs file DMS\$<ALN>*SBSS-SCHEMA. This frees up file DMS\$<ALN>*SBSS-SCHEMA. from the application (APPL01).
DOWN/SYSAREAS	IRU downs the SYSAREAS-GV exec file.
ENABLE/GV-x	Enables all DMS GV areas.

ERASE/GV-x	Erases all DMS GV areas.
EXPORT/ALL-SBSS	Exports the UDS areas for all DMS-EXEC files into qualifier/filename element.
EXPORT/SBSS-SCHEMA	This is the element used by the IMPORT runstream.
FREE/CTHx	Frees up CTH areas from demand run.
FREE/GV-x	Frees up GV areas from demand run.
IMPORT/SCHEMA	Imports the UDS for all GV/CTH areas. Uses element 0GV0*DBRUN\$.EXPORT/ALL-SBSS as input.
INIT/CTHx	DMU initializes all CTH areas.
INIT/GV-x	DMU initializes all NGV areas.
INSTALL/SCHEMA	Installs the UDS for all GV/CTH areas. Uses element EXPORT/ALL-SBSS from file 0GV0*DBRUN\$. after executing NGVU31.
IRUDUMP/CTHx	IRU dumps all CTH DMS-EXEC areas.
IRUDUMP/GV-x	IRU dumps all GV DMS-EXEC areas.
RELOAD/CTHx	IRU loads all CTH DMS-EXEC areas.
RELOAD/GV-x	IRU loads all GV DMS-EXEC areas.
L-LOAD/GV-x	UPLOAD ECL used to reload the database after DNLOADx.
L-LOAD/SYSAREAS	Rebuilds the SYSAREAS-GV. The two records stored and reside in this area are the 015-SUPRT-AREA-KEYS and the 100-SYSTEM-AREAS.
LOAD/SCHEMAS	Copies the Schema from 0GV0*DBRUN\$. and the subschemas from qualifier filename 0GV00000*DBALIB\$. into file DMS\$<ALN>*SBSS-SCHEMA.
LOOKSOFF/CTHx	Turns off after looks. This keeps from writing updates to the audit trail.
LOOKSOFF/GV-x	Same as LOOKSOFF/CTHs except for GV.
LOOKSON/CTHx	Turns looks on for CTH.
LOOKSON/GV-x	Turns looks on for GV.
MASTERFILES/ALN-EXEC	Element of files saved to the EXEC ALN tape. You may add your local files to this element.
MONITOR	Executes the DMR monitor.
NEWRELEASED/ALN-EXEC	Used by CREATE/ALN-EXEC.

NGV291/Gx	Executes NGV291 editor used by the Supply Transaction Recovery program (NGVU60 STR). Primary GV gangs only.
NGVU31	Executes database resizing processor NGVU31.
NGVU60	Executes the STR process (NGVU60).
PBI	Program bank index element. Used with PBILST.
PBILST	Omnibus CTS element used by PBI.
RECOVER/GV-x	IRU runstream used to audit trail recover the SBSS database.
SBSS-SCHEMA	Schema absolute used by applicable ALN.
SBSS/NDA340	SDF element built by CREATE/NDA340 and used by CONVERT/DBK.
SCHEMA/CLEAR	Clears and re-registers the SBSS-SCHEMA to the system schema banks.
SELECT/ALN-FILES	Used by CREATE/ALN-EXEC tape.
SGS	SDF element used by ACOPY to identify the gang and reel number(s) used to reload the SBSS database.
SGS/CTH	Same as SGS above, except for CTH.
SRT/SBSS	Schema Reference Table. Produces a comprehensive list of the schema into three parts; area, sets, and records.
SSG1/ALN-RCV	SSDF element used by CREATE/ALN-EXEC.
SSG2/ALN-RCV	Additional element for SSG1.
SYSAREAS/DUMP	IRU dumps DMS\$<ALN>*SYSAREAS-GV. to tape.
TAPE-NBR/CTHx	Lists all IRU tape numbers in STAR for the CTH areas.
TAPE-NBR/GV-x	Lists all IRU tape numbers in STAR for the GV areas.
UDSSBS	ECL runstream that deletes, imports, registers the Schema to the schema banks and exports the UDS database.
UP/CTHx	Registers the CTH DMS areas to the Exec and APPL01.
UP/GV-x	Registers the GV areas to the Exec and APPL01.
UP/SCHEMA	Registers the DMS-EXEC file DMS\$<ALN>*SBSS-SCHEMA. To the Exec and APPL01.
UP/SYSAREAS	Registers DMS\$<ALN>*SYSAREAS-GV. to the Exec and APPL01.

VERIFY/CALC-CTHx	Verifies CALC chains for CTH areas.
VERIFY/CALCx	Same as CALC-CTHx except for GV.
VERIFY/CTHx	Verifies pages and list record totals CTH.
VERIFY/GV-x	Same as VERIFY/CTHx except for GV.

### *Section 3K—Examples Of Database Recoveries*

**3.42. Overview.** The following section explains some of the most common errors and procedures for database recoveries. Almost all recoveries can be prevented with little or no intervention. By utilizing the database utilities, knowledge of the database and training, recoveries and database maintenance can be simplified. Although some references to the procedures and utilities may be repeated throughout this part, remember, repetitions can be habit forming.

**3.43. Database Integrity.** Database integrity is the number one concern for the SBSS database. If the LRS CC/AO cannot trust the balances on records then the automation of the supply account serves no purpose. Some simple tools and techniques will be discussed that aid in checking the integrity of the SBSS database.

### **3.44. Database Utilities.**

3.44.1. NGV027. Recommend processing weekly. Correct any errors as soon as possible and IRUDUMP the database for recovery purposes after the corrections. It is recommended all corrections are made during normal offline processing. That is twilight, reports, etc.

3.44.2. 0GV0\*DBRUN\$.VERIFY/GV-x. Recommend processing weekly. If errors are found, cease processing on the primary and secondary gangs and dump both gangs. If the primary is clean, process NDA500 on all sets except CTH, (sets 1-65/80-102). If there are no errors, take an IRUDUMP and resume normal primary processing. If errors are found, correct, IRUDUMP, and continue normal processing. If errors are found on the secondary, but not on the primary, a recovery may not have to be processed depending on the set or area that the error is in. If you have finished all reports and none of them erred, and the error is in an area that NGV032 and NGV033 (RPTEON) does not pass back to the primary, then process RPTEON on the secondary, when applicable. Your next end of day crossover will rebuild the secondary database.

3.44.3. 0GV0\*DBRUN\$.VERIFY/CALC-GVx. Process up to 7 calendar days prior to EOM/EOQ. If errors are found, they may either be patched by NDA500 or a recovery may be required. Due to the complexity of DMS-CALC, these chains may be too serious to patch.

3.44.4. DMS\$0000\*DBALIB\$.NDA500. Process daily on the secondary (sets 1-65/80-102), or you may process on the primary immediately after crossover and prior to any reports. If errors are found, **YOU MUST, REPEAT MUST**, suspend all processing and correct these errors as soon as possible. Your MAJCOM will assist in any NDA500 database patching required. If no errors, continue processing on the primary. If there are errors, IRUDUMP the database. This will be a restart point in the event the patches from NDA500 were applied wrong. Next, try to determine how the errors were created. Find the most current dump. This may have to be used as a restart point. Patching the database is a last resort. It may make the database structurally correct, but you may lose accountability. That's why a recovery will have



to be done in most instances. The same holds true for the secondary. Most often you reload the crossover dump, process NDA500 (sets 1-65/80-102); if no errors, continue. If you have errors, **DO NOT USE AUDIT TRAIL RECOVERY** because database after looks are written to the audit trail by pages, and, you would reload the same errors back to the database.

3.44.5. In the case where your daily reports reflect transaction histories from two different dates, this usually means that you did an audit trail recovery wrong on your primary database. **VERIFY** and **VERIFY/CALC** on the transaction history area will show that the total records in this area do not match. **VERIFY** will show more records than **VERIFY/CALC**.

3.44.6. Prior to any recovery due to errors from NDA500, determine which sets are involved. If it is a set that can be recovered by other means, then an audit trail recovery may not be required. This is especially true of the secondary. Daily reports scan the transaction history area and fetch corresponding records; that is Project Funds Management Record (PFMR), ORG. If the error is in the pseudo area it will not affect processing since the pseudo area is not used on the secondary. Other sets will not affect reports; i.e. DOCNBR-GV area can sometimes have errors on the secondary and not effect processing.

3.44.7. NGV061. Process at least weekly or when the area shows on the **VERIFY** as 80 percent full. This program will delete any 103 records without members.

**3.45. Recovering The Supply Database Except CTH.** The following scenarios are just a few examples of recoveries. Although there are too many to document, hopefully these will be helpful if needed. Remember, watch the system and use the necessary utilities to check for errors. Don't take chances with valuable online processing. If in doubt, dump the database and take time to research. For reference only; we will use gang number 1 and 5 in these examples: **EXAMPLE 1:** Started **RELOAD/GV-1** in lieu of **IRUDUMP/GV-1**.

3.45.1. Reload the most recent dump. Either a safety or crossover dump.

3.45.2. Audit trail up to the point when the **RELOAD/GV-1** was started. The time is on the **RELOAD/GV-1** PR list. For example, if it shows 18:14:24, you recover up to 18:14:00.

3.45.3. Process the **END** input (if you were inline).

3.45.4. Process NDA500 on all sets except CTH. Ensure there are no pointer errors.

3.45.5. Process **IRUDUMP/GV-x**

3.45.6. **RBOD**

3.45.7. Resume normal processing.

3.45.7.1. **EXAMPLE 2:** Started **RELOAD/GV-5** in lieu of **IRUDUMP/GV-5**.

3.45.8. Reload the most recent dump (crossover or more current) before the secondary was erased. If the crossover dump is used, you must change the **002-PRIMARY-SECONDARY-FLG** to equal a **S**.

3.45.9. Audit trail up to the point when the **RELOAD/GV-5** was started. The time is on the **RELOAD/GV-5** PR list. For example, if it shows 18:14:24 you recover up to 18:14:00. It may be easier to rerun the reports between the dump and the point the **RELOAD** was started than to do an audit trail recovery. It is your choice.

3.45.10. Process NDA500 on all sets except CTH. Ensure there are no pointer errors.

3.45.11. Process IRUDUMP/GV-5

3.45.12. Resume normal processing.

3.45.12.1. EXAMPLE 3: Falling back to a previous dump to reprocess a report on the secondary database.

3.45.13. Process 0GV0\*DBRUN\$.IRUDUMP/GV-5 to dump gang 5 for safety purposes.

3.45.14. Process RPTEON on the secondary database. This will preclude you having to reload a dump after your recovery.

3.45.15. Reload the desired dump with 0GV0\*DBRUN\$.RELOAD/GV-5 inserting the applicable tape number in the runstream.

3.45.16. Process the desired reports.

3.45.17. Process 0GV0\*DBRUN\$.DOWN/GV-5 and 0GV0\*DBRUN\$.DELETE/GV-5 to delete the secondary database. This way, your good secondary was crossed over by RPTEON and the secondary will be rebuilt during the next crossover.

3.45.17.1. EXAMPLE 4: Perform an audit trail recovery on the primary database that includes RPTEON.

3.45.18. Reload the most current dump to the primary.

3.45.19. Audit trail up to and just before primary RPTEON was processed.

3.45.20. Manually reprocess primary RPTEON.

3.45.21. Restart the audit trail after primary RPTEON has finished the first time up to the desired point. If you need to recover through more than 1 day's primary RPTEON, you will need to repeat steps 2 through until all days are recovered. Do not audit trail through primary RPTEON. This will cause CALC STR recovery. The errors will not appear until the next EOD reports are processed. AFMC SCM-R Information Technology Activity has released SANs with information on this problem. It is a system flaw within COBOL 74 which is being worked for COBOL 85.

3.45.21.1. EXAMPLE 5: Helpful hints for audit trail recoveries.

3.45.22. For recovery of the primary:

3.45.23. Dump the applicable gang using 0GV0\*DBRUN\$.IRUDUMP/GV-x.

3.45.24. While the dump is processing, determine the dump and audit trail tapes and prepare and update the applicable runstreams.

3.45.25. Down your ADS.

3.45.26. Reload the desired dump using 0GV0\*DBRUN\$.RELOAD/GV-x.

3.45.27. Process NDA500 to ensure there are no pointer errors.

3.45.28. Start/continue the audit trail recovery. As a rule, recover three tapes at a time. Remember DO NOT audit through primary RPTEON.

3.45.29. Process NDA500 to ensure there are no pointer errors.

3.45.30. Dump the database using 0GV0\*DBRUN\$.IRUDUMP/GV-x.

- 3.45.31. Repeat paragraphs above until completed.
- 3.45.32. Dump the database.
- 3.45.33. Resume normal processing. **Note:** Once you encounter a bad tape, you must STR from that point on. Do not recover successive tapes by using audit trail or you will have pointer errors. STR procedures are described in this chapter.
- 3.45.34. For Recovery of Secondary.
- 3.45.35. Dump the applicable gang using 0GV0\*DBRUN\$.IRUDUMP/GV-x.
- 3.45.36. While the dump is processing, determine the dump and audit trail tapes and prepare and update the applicable runstreams.
- 3.45.37. Reload the desired dump using 0GV0\*DBRUN\$.RELOAD/GV-x.
- 3.45.38. Process NDA500 to ensure there are no pointer errors.
- 3.45.39. Start/continue the audit trail recovery. As a rule, recover three tapes at a time. Remember, it may be easier to just reprocess all reports that do an audit trail recovery.
- 3.45.40. Process NDA500 to ensure there are no pointer errors.
- 3.45.41. Dump the database.
- 3.45.42. Repeat paragraphs above until completed.
- 3.45.43. Resume normal processing. **Note:** Once you encounter a bad tape, you must recover by reprocessing any reports that must be reprocessed. You cannot STR the secondary. STR is for recovering transaction histories. An audit trail recovery on the secondary WILL NOT recover any secondary reports that update the primary.
  - 3.45.43.1. EXAMPLE 6: Beginning totals on RPTD07 do not match the ending totals from the last EOD. This is caused when you process RPTEON on the wrong secondary database. You fell back on the secondary to rerun a report, but, you failed to load back the most current secondary IRU dump.
- 3.45.44. Dump the secondary database.
- 3.45.45. While the secondary dump is processing, determine the last good date RPTD07 processed and each subsequent day you need to recover.
- 3.45.46. Reload a secondary dump taken on the last good day PRIOR to RPTEON. If that dump cannot be reloaded, or one was not taken, then you must reload the crossover dump and reprocess all reports. DO NOT RERUN RPTD13. THIS IS BECAUSE THE D13 UPDATES THE PRIMARY SRD-GV AREA. ALSO, DO NOT, REPEAT, DO NOT RERUN THE D37. THE CTH DATABASE HAS ALREADY BEEN UPDATED.
- 3.45.47. Reload the TXHIST-GV area from the next crossover dump.
- 3.45.48. Change 002-JULIAN-DATE, 002-ORDINAL-DATE, 002-REQUISITION-DATE, and 002-CALENDAR-DATE to reflect that day's transaction date.
- 3.45.49. Process RPTRUN against the secondary database.

3.45.50. Process all reports including the RPTM36 if it was processed on the original EOD from that day. DO NOT, REPEAT, DO NOT PROCESS RPTEON on the secondary. Print only the D07 and D32. Have funds or accounting and finance validate the reports.

3.45.51. Repeat paragraphs above until all dates have been completed.

3.45.52. Dump the secondary database.

3.45.53. Process RPTEON on the secondary. This will carry all totals to the primary.

3.45.54. Resume normal processing.

### 3.46. Selective ACOPY Areas.

3.46.1. The following areas can be selectively copied by ACOPY if required for special recoveries. In any event, ensure DMU verifies and the NDA500 is processed on gaining database. The first record of each set indicates the OWNER record for the set.

**Table 3.3. Selective ACOPY Areas.**

RECORD AREA	SET #	RECORD NAME
BLGVAR-GV	NONE	318 BILLING-VARIABLE
		320 AVFUEL-VALIDATION
		321 DODAAC-FUND-CODE-VALIDATION
		328 BILLED-OFFICE
CUMRJ-GV	10	301-DLY-HDR
		018 DLY-301-HEADER
		521 DAILY-REJECT-SUSPENSE
PSU1-GV	46	PSEUDO-QUE-1
		902 PSEUDO-CNTRL-1
		903 PSEUDO-TRANS-1
		904 PSEUDO-TRANS-LONG-1
PSU2-GV	46	PSEUDO-QUE-2
		905 PSEUDO-CNTRL-2
		906 PSEUDO-TRANS-2
		907 PSEUDO-TRANS-LONG-2
PSU3-GV	46	PSEUDO-QUE-3
		908 PSEUDO-CNTRL-3
		909 PSEUDO-TRANS-3

		910 PSEUDO-TRANS-LONG-3
GLA-GV	15	
	16	
	17	
	18	
GLA-MGL		
		302 GLA-CODES
		303 A-F-GEN-LEDGER-MGL
GLA-CC		
		302-GLA-CODES
		304-A-F-GEN-LEDGER-ZBL
		307-A-F-GEN-LEDGER-ZTR
		315-A-F-GEN-LEDGER-ACM
GLA-ZGL		
		302-GLA-CODES
		306 A-F-GEN-LEDGER-ZOO
MGMT-GV	NONE	600 BASE-SUPPLY-MGMT-CONTROL
		602 CUSTOMER-SUPPORT-EFFECTIVENESS
		603 WEAPON-SUPPORT-EFFECTIVENESS
		604 GROSS-NET-AVAILABILITY
		605 BENCH-STOCK-SUMMARY
		606 RETAIL-OUTLET-DATA
		607 REPAIR-CYCLE-ASSET-CONTROL
		609 MICAP-ANALYSIS
		610 DUE-OUT-ANALYSIS
		611 REASON-FOR-NON-AVAILABILITY
		612 CUSTOMER-WAIT-TIME
		613 DUE-OUT-SCHEDULE

		614 DUE-OUT-CANCELLATION-SUMMARY
		615 REQUISITION-SUMMARY
		616 DUE-IN-SUMMARY
		617 INVENTORY-CONTROL-DATA
		618 AVG-INVENTORY-INVESTMENTS
		619 EXCESS-STRATIFICATION
		620 TRANSACTION-SUMMARY
		621 SUPPLY-RECORD-COUNT
		622 ITEM-RECORD-DATA
		623 MONTHLY-INVENTORY-ACCY-STRAT
		624 FY-INVENTORY-ACCY-STRAT
		625 MGMT-RPT-CONTROL-TABLE
		626 MUNITIONS-MANAGEMENT
		627 MGMT-EXPANSION-DATA
		628-METRICS-ISE-DATA
		629-METRICS-RCM-DATA
		630-METRICS-CWT-DATA
		631-METRIC-RCM-CNTL-DATA
FUELS-GV	26	FUELS-MGMT
		420 FUELS-MANAGEMENT
		421 FUELS-SIOATH-CONTRACT
		427 FUELS-PRICE-STABILIZATION
		430 CFMS-PART1
		431 FUELS-MOBILITY-SUPPORT-EQUIP
		432 MOBILE-EQUIP
		433 FIXED-FACILITIES
		434 FUELS-CAPABILITIES
		435 FUELS-REMARKS
SUPPORT-GV	NONE	

		001 BASE-CONSTANTS-1
		002 SPECIAL-CONTROL
		003 EXCPTN-PHRASES
		005 MMC
		006 REJECT-NOTICES
		008 STD-EQ-DSGNTR
		009 TRANSACTION-PHRASES
		010 TYPE-CARGO-PHRASES
		012 QUANTITY-UNIT-PACK
		013 RID-DODAAC-CONVERSION
		023 CTL-ITM-CODE-PHRASE
		026 FILES-MAINTENANCE-CONTROL
		310 A-F-VARIABLE-DATA
		316 FOREIGN-CURRENCY
		317 DAILY-EXCHANGE-RATE
		512 ARMS-SEQ-CONTROL
		516 ORG-COST-CENTER-000-099
		517 MISSION-CHANGE-GAIN-DATA
		520 REPORTS-SEQUENCE-CONTROL
		525 MISSION-CHANGE-LOSS-DATA
		722 SIFS-HEADER
TXHIST-GV	NONE	
		901 TRANSACTION-HISTORY
INVADJ-GV	31	
	32	
	54	
	55	
	56	
SD-INVBS		
		106 SYSTEM-DESIGNATOR
		508 INV-ADJUSTMENT-BASIC

SD-INVSMMP		
		106 SYSTEM-DESIGNATOR
		509 INV-ADJ-SAMPLE-INV-CERT
		507 INV-ADJUSTMENT-CONTROL
		510 SAMPLE-INVENTORY-SUSPENSE
LOC-VAL		
		529 WHSE-VALID-HEADER
		530 LOCATION-VALIDATION
CIC-INV		
		531 CIC-1RS-EIC-HEADER
		532 CIC-1RS-EIC-INVENTORY
IRC-1RR-INV		
		533 IRC-1RR-HEADER
		534 IRC-1RR-INVENTORY
BENSTK-GV	57	CTL-BSU
		539 BENCH-STOCK-CONTROL
		536 BENCH-STOCK-ISSUE
		537 PROJECT-MATERIEL-MSI-DOCUMENT
		535 BENCH-STOCK-INPUT
SRD-GV	NONE	
		107 SRD-CONSUMPTION
CONS-GV	21	PID-FUNCTION
		021 PID-HEADER
		014 BASE-CONSTANTS-2
		019 ADS-INTERFACE
SIFADR-GV		
	88	
	89	
	93	
	94	



	95	
	96	
	97	
	98	
	99	
	100	
	101	SIFS-HEADER
DLATS-ADDRSS		
		723 DLATS-HEADER
		724 DLATS-ADDRSS
SIFS-NON-DLATS		
		725 NON-DLATS-HEADER
		726 NON-DLATS
		404-IMAGES
		732 404-HEADER
		733 404-DATA-AGES
SBSS-BCAS		
		735 SBSS-BCAS-HEADER
		736 SBSS-TO-BCAS
BCAS-SBSS		
		737 BCAS-SBSS-HEADER
		738 BCAS-TO-SBSS
SIFS-ACK		
		739 ACKNOWLEDGE-HEADER
		744 DLATS-ACKNOWLEDGE
		746 NON-DLATS-ACKNOWLEDGE
INBOUND-OUTPUT-RESIDUE		
		741 RESIDUE-HEADER
		742 OUTPUT-RESIDUE
		743 INBOUND-RESIDUE

SBSS-AFEMS		
		747 SBSS-AFEMS-HEADER
		748 SBSS-TO-AFEMS
AFEMS-SBSS		
		749 AFEMS-SBSS-HEADER
		750 AFEMS-TO-SBSS
ACK-TRANS		
		739 ACKNOWLEDGE-HEADER
		745 SIFS-TRANSACTION
NON-DLATS-HOLD		
		725 NON-DLATS-HEADER
		751 SIFS-HOLD
SIFHLD-GV	90	
	91	
	92	
SNUD-DATE		
		727 SNUD-HEADER
		728 SNUD-DATE-HEADER
SNUD-IMAGES		
		728 SNUD-DATE-HEADER
		729 SNUD-IMAGE
D040-HDR-IMAGE		
		730 D040-HEADER
		731 D040-IMAGE

### *Section 3L—Query Language Processor With Update*

**3.47. Overview.** Occasionally, there will be conditions created on a database that cannot be corrected by processing normal transactions. When these conditions exist, the records must be altered or deleted. However, there are conditions where record alterations should never be used. This includes NGV299, QLP WITH UPDATE, and DBE (database editor). Use of QLP WITH UPDATE and DBE is authorized by the **MAJCOM** or **AFMC SCM-R Information Technology Activity ONLY**. It is mandatory that all ERRORS should be corrected by processing a normal input or a series of inputs, such as file maintenance, reverse-post, or inventory adjustments, in lieu of QLP WITH UPDATE.

### 3.48. Instructions For Use of QLP With Update.

3.48.1. Provide the DMC with a request letter of individuals authorized to process QLP WITH UPDATE on your databases. This letter will be prepared and signed by the Supply functional AIS manager (LRS CC/AO) and then coordinated with any other appropriate levels as specified in the DISA Unisys Security Technical Implementation Guide (STIG) currently dated 1 October 1998.

3.48.2. For accounts not aligned under the AFMC SCM-R Activity constructs, obtain the authorization from the LRS Commander or designated representative prior to using QLP WITH UPDATE. Note the name and rank of the individual giving authorization, along with a MAJCOM control number—if owning MAJCOM requires it. For accounts aligned under the AFMC SCM-R Activity, QLP WITH UPDATE will be requested through their supporting AFMC SCM-R Information Technology Activity Procedures section with concurrence from the owning LRS Commander or designated representative via the AFMC SCM-R Information Technology Activity FORCED RECORD ALTERATION (FIX) database which will assign a unique control number and allows tracking throughout the entire process. For ANG accounts aligned under the AFMC SCM-R Activity, QLP WITH UPDATE will be provided to NGB/A4R.

3.48.3. Stop all processing on both primary and secondary databases. The primary database must not be inline when processing QLP WITH UPDATE. Dump both primary and secondary databases.

3.48.4. Process an @@PRNT command in Demand to print all input and output on a side-by printer, or send them to a PC file for printing and/or downloading to disk later.

3.48.5. Process the appropriate INVOKE command. Before a command that updates the database (i.e., CHANGE, DELETE, etc.) is processed, accomplish the following steps:

3.48.5.1. Step 1. List the records that will be changed, verify the data selected, and ensure the correct records have been selected.

3.48.5.2. Step 2. Process the HOLD command to establish a recovery point.

3.48.5.3. Step 3. Process the command to modify the database.

3.48.5.4. Step 4. List the records again to verify the changed data and ensure only the desired records are modified. **Note:** If the changed data are not correct, process the ROLLBACK command to discard the changes. Go back to step 1 and try again. If the changed data are correct, go to the next step.

3.48.5.5. Step 5. Process the RELEASE command to accept the changes and make them permanent.

3.48.5.6. Step 6. Process the EXIT command to exit QLP WITH UPDATE.

3.48.6. Dump the database that was updated, after ALL the correct updates have been made. Process @@NOPR to stop printed output on side-by printer, or spooling output to a PC file. Coordinate with the DMC to have the expiration date of the database “DUMPS” that are taken changed to 2 years from this processing date.

3.48.7. Resume normal processing only after the database dump printout is verified that it contains no errors.

3.48.8. For accounts not aligned under the AFMC SCM-R Activity constructs, take all printed output from this process, to include dump tape printout for the updated database, and follow the rules for documenting and filing output required for program NGV299, FIX. A write once/read only electronic media may be used in lieu of printed output. The documentation must state why NGV299 or other inputs could not be used to modify the records, along with the MAJCOM control number if required, and approval official's name and rank. Document Control will file the output with the Consolidated Inventory Adjustment Document Register, M10/NGV836. For accounts aligned under the AFMC SCM-R Activity, the supporting AFMC SCM-R Information Technology Activity will take all output from this process and follow the rules of documenting and filing output required for program NGV299, FIX. The documentation must state why NGV299 or other inputs could not be used to modify the records, must include the database tape dump number taken prior to the update and must include the approval official's name and rank. AFMC SCM-R Information Technology Activity will post all output documentation to the AFMC SCM-R Information Technology Activity FORCED RECORD ALTERATION (FIX) database and file with the Consolidated Inventory Adjustment Document Register, M10/NGV836.

3.48.9. While this process does not consist of a closed-end audit trail (i.e., there is no automated control mechanism to ensure that these processes are followed), it is the AFMC SCM-R Information Technology Activity Chief's responsibility to make sure that these instructions are followed. Wing and MAJCOM inspectors, along with Air Force Audit personnel, can request from DMC personnel a list of user-IDs, dates, and times that QLP WITH UPDATE was invoked (by researching audit trail tapes and spooled master console data), to provide a check of compliance with this instruction.

### **3.49. CHECKLIST FOR DOWNLOAD/UPLOAD WITHOUT RESIZING.**

3.49.1. Purpose. To provide a checklist to utilize for the download and upload of the GV database without resizing. Ensure this section is understood prior to executing these procedures.

3.49.1.1. \_\_\_\_\_ 1. Process all remaining pseudo images.

3.49.1.2. \_\_\_\_\_ 2. Process the END image on the primary.

3.49.1.3. \_\_\_\_\_ 3. Process any required twilight processing.

3.49.1.4. \_\_\_\_\_ 4. Process RPTRUN (crossover) on the primary.

3.49.1.5. \_\_\_\_\_ 5. Process all mandatory reports on your secondary gang including RPTEON.

3.49.1.6. \_\_\_\_\_ 6. Dump, down and delete the secondary. The x equals your secondary gang.

3.49.1.6.1. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x

3.49.1.6.2. @ADD 0GV0\*DBRUN\$.DOWN/GV-x

3.49.1.6.3. @ADD 0GV0\*DBRUN\$.DELETE/GV-x

3.49.1.7. \_\_\_\_\_ 7. Process all reports on the primary including RPTEON. DO NOT, REPEAT,

- 3.49.1.7.1. DO NOT INITIALIZE BOD. Since the 901 records use DMS-CALC for  
 3.49.1.7.2. storage, transactions prior to the download/upload can't be accessed.
- 3.49.1.8. \_\_\_\_\_ 8. Dump the primary gang. Recommend two dumps be taken. The x equals primary
- 3.49.1.8.1. gang.
- 3.49.1.8.2. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x
- 3.49.1.9. \_\_\_\_\_ 9. Download the database. This run may take anywhere from 1 to 3 hours depending
- 3.49.1.9.1. upon the size of your database. The x equals the primary gang number. As  
 3.49.1.9.2. mentioned before, ensure there are no item records with blank stock numbers or  
 3.49.1.9.3. blank system designators.
- 3.49.1.9.4. @START 0GV0\*DBRUN\$.DNLOADx
- 3.49.1.10. \_\_\_\_\_ 10. If step 9 was successfully completed, upload your database.
- 3.49.1.10.1. @START 0GV0\*DBRUN\$.L-LOAD/GV-x
- 3.49.1.11. \_\_\_\_\_ 11. Dump and Verify your database:
- 3.49.1.11.1. @START 0GV0\*DBRUN\$.VERIFY/GV-x Note 1
- 3.49.1.11.2. @START 0GV0\*DBRUN\$.VERIFY/CALCx Note 1
- 3.49.1.11.3. @XQT DMS\$0000\*DBALIB\$.NDA500 Note 2
- 3.49.1.11.4. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x Note 3
- Note:** 1. Breakpoint file for VERIFY/GV is xGV0\*VERGVx. (Where x = gang number). Breakpoint file for VERIFY/CALC is xGV0\*GVCALC. (Where x = gang number). 2. Sets 1-65/80-102 for all except CTH. 3. Recommend two dumps. DO NOT, REPEAT, DO NOT RELOAD ANY DUMPS.
- 3.49.1.12. \_\_\_\_\_ 12. Save the SBSS ALN unique files.
- 3.49.1.12.1. @START 0GV0\*DBRUN\$.CREATE/ALN-EXEC
- 3.49.1.13. \_\_\_\_\_ 13. Continue local processing procedures.

### 3.50. Resizing Checklist For GV.

3.50.1. Purpose. To provide a quick checklist used to download, resize, and upload the GV database. Review section 3C prior to any resize.

#### 3.50.2. Resizing Checklist.

- | 3.50.2.1. ITEM # | TASK                                  |
|------------------|---------------------------------------|
| 3.50.2.1.1. 1    | Process all remaining pseudo traffic. |
| 3.50.2.1.2. 2    | Process the END image.                |

- 3.50.2.1.3. 3 Process all mandatory primary twilight reports.
- 3.50.2.1.4. 4 Process RPTRUN (crossover) on the primary.
- 3.50.2.1.5. 5 Process all mandatory reports on the secondary gang, including RPTEON.
- 3.50.2.1.6. 6 Process all mandatory reports on the primary gang, including RPTEON.
- 3.50.2.1.7. 7 Dump the primary gang. The x equals gang.
- 3.50.2.1.7.1. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x
- 3.50.2.1.8. 8 Dump, down, and delete the secondary gang. The x equals gang.
- 3.50.2.1.8.1. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x
- 3.50.2.1.8.2. @ADD 0GV0\*DBRUN\$.DOWN/GV-x
- 3.50.2.1.8.3. @ADD 0GV0\*DBRUN\$.DELETE/GV-x
- 3.50.2.1.9. 9 Ensure there are no item records (101) with blank stock numbers or blank
- 3.50.2.1.9.1. system designators.
- 3.50.2.1.10. 10 Process the following jobs to ensure the database is intact. The x equals
- 3.50.2.1.10.1. primary gang number.
- 3.50.2.1.10.2. @START 0GV0\*DBRUN\$.VERIFY/GV-x Note 1
- 3.50.2.1.10.3. @START 0GV0\*DBRUN\$.VERIFY/CALCx Note 2
- 3.50.2.1.10.4. @XQT DMS\$0000\*DBALIB\$.NDA500 Note 3
- 3.50.2.1.10.5. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x Note 4
- Notes:** 1. Breakpoint file is xGV0\*VERGVx. Where x equals gang number.  
 2. Breakpoint file is xGV0\*GVCALC. 3. For GV enter the following sets: 1-65/80-102. 4. Recommend two dumps. Ensure there are no READ errors on these tapes.
- 3.50.2.1.11. 11 Download the database to tape.
- 3.50.2.1.11.1. @START 0GV0\*DBRUN\$.DNLOADx Note:  
 This job will process in 1 to 3 hours depending upon the size of your database. It will write the records in sorted format to tape. This tape will be used by the upload program.
- 3.50.3. Restart Procedures. Correct the error condition and reload the dump from item 10 and reprocess the DNLOADx at item 11.
- 3.50.3.1. 12 Execute NGVU31 and select applicable option. NGVU31 must be used
- 3.50.3.1.1. with a nonexempt user-ID.

3.50.3.1.2. @ADD 0GV0\*DBRUN\$.NGVU31

3.50.3.1.3. @FREEALL

3.50.3.1.4. @ADD 0GV0\*OUTFILE.

3.50.3.1.5. @START 0GV0\*TEMPSCHEMA.ACTIVATE/SBSS-SCHEMA

3.50.3.2. 13                      Once the ACTIVATE/SBSS-SCHEMA finishes, process the upload. This run

3.50.3.2.1. may take anywhere from 2 to 6 hours based upon the size of your database.

3.50.3.2.2. @START 0GV0\*DBRUN\$.L-LOAD/GV-x

3.50.3.3. 14                      Review the list from the upload. Not all records will be uploaded. Duplicates

3.50.3.3.1. or invalid records will not. Records residing in manual sets are the most

3.50.3.3.2. frequent records that won't be uploaded.

3.50.3.4. 15                      Process the following jobs to ensure the database is intact:

3.50.3.4.1. @START 0GV0\*DBRUN\$.VERIFY/GV-x                      Note 1

3.50.3.4.2. @START 0GV0\*DBRUN\$.VERIFY/CALCx                      Note 2

3.50.3.4.3. @XQT DMS\$0000\*DBALIB\$.NDA500                      Note 3

3.50.3.4.4. @START 0GV0\*DBRUN\$.IRUDUMP/GV-x                      Note 4

**Notes:** 1. See item 10, Note 1.                      2. See item 10, Note 2.                      3. See item 10, Note 3.                      4. See item 10, Note 4.

3.50.3.5. 16                      Continue with local processing procedures. DO NOT LOAD ANY DUMPS

3.50.3.5.1. PRIOR TO ITEM 15 OR YOU WILL CORRUPT YOUR DATABASE

3.50.3.5.2. AND A RECOVERY WILL BE REQUIRED.

### 3.51. CTH Resizing Checklist.

3.51.1. Purpose. To provide a quick review checklist for resizing an existing CTH database. Since most CTH databases require mass disk storage, it is recommended that resizing for CTH be carefully planned due to the use of system resources and time. All users must be notified not to use the CTH database until these procedures are completed.

3.51.2. CTH Resizing Checklist.

3.51.2.1. ITEM #                      TASK

3.51.2.1.1. 1                      Process the following jobs to ensure your CTH database is intact. Since the

3.51.2.1.2. CTH is on the primary database only, the x will represent primary gang number

3.51.2.1.3. unless otherwise stated.

3.51.2.1.4. @START 0GV0*DBRUN\$.VERIFY/CTHx	Note 1
3.51.2.1.5. @START 0GV0*DBRUN\$.VERIFY/CALC-CTHx	Note 2
3.51.2.1.6. @XQT DMS\$0000*DBALIB\$.NDA500	Note 3
3.51.2.1.7. @START 0GV0*DBRUN\$.IRUDUMP/CTHx	Note 4

**Notes:**

1. Breakpoint file is xGV0\*VERxCTH.
2. Breakpoint file is xGV0\*CTHCAL.
3. Sets 70-73 for CTH only.
4. Ensure no READ errors are on these tapes.

3.51.2.2. 2                      Process UTL041 to download the CTH to tape. Ensure position 54 will equal a

3.51.2.2.1. B. This bypasses the deletion of records as they are downloaded. Later, the

3.51.2.2.2. CTH areas will be initialized. (See **Ch 2**) for UTL041 run

3.51.2.2.3. instructions.)

3.51.2.3. 3                      Process NGV330 to download the 706,707 records. See **Ch 6** for

3.51.2.3.1. NGV330 run instructions.

3.51.2.4. 4                      Once the download is complete, resize the database.

3.51.2.4.1. @ADD 0GV0\*DBRUN\$.NGVU31                      Note                      **Note:**  
Take option 2 for CTH. Enter the number of records (704) required. NGVU31 will display the number of tracks required. The following will illustrate the basic formula for CTH:

3.51.2.4.2.  $75000 = \text{number of tracks}$

3.51.2.4.3.  $20 = \text{number of records per page}$

3.51.2.4.4.  $20 = \text{subtract 20 records. Page 1 contains the 711 record only.}$

3.51.2.4.5.  $1,499,980 = \text{number of 704-CT-HISTORY records that can be stored in 75000 tracks.}$

3.51.2.5. 5                      Build the TEMPSHEMA file.

3.51.2.5.1. @FREEALL

3.51.2.5.2. @ADD 0GV0\*OUTFILE.

3.51.2.6. 6                      Install the schema.

3.51.2.6.1. @START 0GV0\*TEMPSHEMA.ACTIVATE/SBSS-SCHEMA

3.51.2.6.2. @ADD 0GV0\*DBRUN\$.SCHEMA/CLEAR                      **Note:** The only time that both GV and CTH needs to be down is during the processing of the two instructions



in item 6 which installs the schema. These jobs will abort the schema and install the new UDS sizes for CTH. Once the @ADD 0GV0\*DBRUN\$.SCHEMA/CLEAR statement has completed and the install is valid, GV can continue normal processing.

3.51.2.7. 7 Rebuild the new CTH areas.

3.51.2.7.1. @ADD 0GV0\*DBRUN\$.CTH1

3.51.2.7.2. @ADD GV\$\$0000\*GVECLUD001.NGV225R **Note:** The response will be for gang number and number of tracks for the CT-HISTORY-GV-x area. The number of tracks must be filled with leading zeros 0. For instance, if the new size is 50000 tracks, enter 050000.

3.51.2.8. 8 Start the upload program (UTL043). See **Ch 2**, for

3.51.2.8.1. run instructions. Recommend a CTH dump be taken after each UTL043. This

3.51.2.8.2. program may take anywhere from 2 to 16 hours for each tape based upon the

3.51.2.8.3. number of transactions for the particular month.

3.51.2.9. 9 Process NGV330 to download the 706,707 records. See

3.51.2.9.1. **Ch 6** for NGV330 run instructions.

3.51.2.10. 10 Dump the CTH database.

3.51.2.11. 11 Process UTL042 for total days and the total transaction counts.

3.51.2.12. 12 Continue local processing procedures for CTH.

### 3.52. NGV330 and R60 Overview.

3.52.1. Purpose. To provide an illustration of programs NGV330 and RPTR60 (NGV288). See **Ch 6**, for the program instructions.

3.52.2. NGV330. This program reads the 706 and 707 records from the CT-CTRL-GV-x area and downloads them into a SSDF file xGV0<ALN>\*GV330UD700. This file can be edited with any ASCII processor. NGV330 is used during the resize process if these records need downloaded or uploaded.

3.52.3. RPTR60. The R60 reads file xGV0<ALN>\*GV783DCC., which contains the DCR images that Document Control has already cleared, and deletes/updates the CTH database. The only time it is necessary to process the R60 is whenever a recovery of the CTH database is accomplished.

### 3.53. Selective Reload Of The CTRL Area.

3.53.1. Purpose. To explain the procedures for the selective reload of your CTRL area. The following records reside within the CT-CTRL-GV-x area:

3.53.1.1. 706 CT-DELINQUENT-SOURCE

3.53.1.2. 707 CT-DOCUMENT-CONTROL

3.53.1.3. 708 CT-DELINQUENT-TRIC

## 3.53.1.4. 709 CT-DELINQUENT-OPR

## 3.53.1.5. 710 CT-SUPPORT

3.53.2. Recovery Procedures. Use the following procedures in the event that this area becomes corrupt or a selective reload is required. The CTRL area has no records with database pointers that point outside itself; therefore, a selective recovery will work, only if the CTRL area was valid prior to the recovery.

3.53.3. Prerecovery Actions. Ensure no users access the CTH database until these recovery procedures have been completed. First, modify an existing RELOAD runstream with the following entries. The x represents your primary gang.

3.53.3.1. @RUN CTLOAD,,xGV0

3.53.3.2. @SYM PRINT\$.,,NTR??P

3.53.3.3. @ASG,T APPL01\*IRU\$HF.

3.53.3.4. @ADD 0GV0\*DBRUN\$.DOWN/CTHx

@IRU

3.53.3.5. RELOAD FILE DMS\$<ALN>\*CT-CTRL-GV-x. FROM REEL ??????;

3.53.3.6. ACT; END;

3.53.3.7. @ADD 0GV0\*DBRUN\$.UP/CTHx

3.53.3.8. @FIN **Note:** Change the?????? to equal the reel number of the dump being reloaded.

3.53.4. Post-Recovery Actions. After the reload runstream from above has processed successfully, process the following jobs to ensure the reload was successful.

3.53.4.1. @START 0GV0\*DBRUN\$.VERIFY/CTHx Note 1

3.53.4.2. @XQT DMS\$0000\*DBALIB\$.NDA500 Note 2

3.53.4.3. @START 0GV0\*DBRUN\$.IRUDUMP/CTHx **Notes:** 1. This will give record totals of all CTH areas. 2. Sets 70-73 for CTH.

### 3.54. NGV299 Commands.

3.54.1. Purpose. To delete, store, alter individual records for automatic sets and to remove, insert or modify individual records in manual sets.

3.54.2. Processing NGV299. To execute NGV299, keyin the following.

3.54.2.1. @ADD GV\$\$0000\*GVECLUD001.NGV299R

3.54.2.2. When the message PLEASE ENTER GV # appears, the operator must type in GV and the applicable gang number (space between GV and the gang number).

3.54.3. NGV299 Commands.

3.54.3.1. The operator may enter any of the following commands. Several of the commands have options. The options are enclosed in brackets. All commands are spelled

out for identification purposes but only the first three positions of the command are required for execution.

**Table 3.4. NGV299 Commands.**

<b>COMMAND</b>	<b>FUNCTION</b>
AFTER	Used to compare and display a record from the execution of a BEFORE command. This command should only be executed after the BEFORE command, data was altered, and the database is to be updated. A FIX document will be produced. When the AFTER command is executed, data elements are displayed. The operator should verify data elements that are to be updated. If the elements are not correct, the operator should reexecute the BEFORE and LIST commands, retransmit, and reexecute the AFTER command. When changes are correct, a document will be generated, and a FIX serial number assigned.
AREA [Area Name]	Used to display the current AREA of currency if optional parameter is blank. If parameter is entered, currency will be established for AREA NAME entered. EXAMPLE: AREA ITMDTL-GV-1
BEFORE	Used to save the current record when an alteration is to be made. Prior to executing this command, currency must be established. After this command is executed, the operator should execute a DISPLAY or LIST command to ensure the desired record was saved. This command must be executed prior to the AFTER command when a record is to be altered.
DELETE (RECORD NUMBER)	Used to delete the current record. Currency must be established prior to execution of this command. When this command is executed, a document is produced that displays the BEFORE images of the record and a FIX serial number is assigned.
DIRECT	Used after the AREA, PAGE, and RECORD commands to directly access records by area, page and record number. Prior to execution of this command, you must establish database currency. EXAMPLE:  FIR 002  AREA ITMDTL-GV-1  PAGE 5  REC 1  DIR

DISPLAY	
[Element Name] [Subscript]	Used to display the current record if optional parameters are blank. If the input parameters are entered, the ELEMENT NAME/SUBSCRIPT entered will be displayed. The DISPLAY command lists only those data elements on a record that contains data if the optional parameters are blank.
FETCH	Used to FETCH a record using a CALC KEY. The value of the CALC key must be entered prior to execution of this command. EXAMPLE:  101-CALC-KEY = 010**12345670  FETCH or FET
FIRST [Owner Record Type] [Set Type] [Requested Record Type]	Used to FETCH the first record in the current area, if the optional parameters are blank. If the OWNER RECORD TYPE is entered, the first OWNER RECORD is FETCHED. If the SET TYPE is entered, the first record for the OWNER and SET TYPE are entered; the first record for the OWNER, SET and RECORD TYPE entered is FETCHED. EXAMPLES:  FIRST                      FIRST record in current area FIRST 101                FIRST 101 record FIRST 101202            FIRST record in set 101202 FIRST 101202 204      First 204 record in set 101202
HELP	Used as a quick reference for program NGV299. Commands are explained. This command can be used anytime after you enter the proper gang number and prior to exiting the program.
INSERT	Used to link the current record into the current set. SET currency must be established prior to execution of this command. This command should only be used to link records in manual sets.
LIST [Element Name] [Subscript]	Used to display current record if optional parameters are blank. If the ELEMENT NAME is entered, only the ELEMENT NAME entered will be displayed. If the ELEMENT is in an occurs field, the applicable SUBSCRIPT must be entered. This command is the same as the DISPLAY except, the LIST command will display all fields with values of spaces. To list elements that have an occurs within an occurs field, (for example, 314-MACR-BC-Z and 314-CURRENT-AND-PRIOR-YEARS), enter: LIST [Element Name] [First Subscript] ['-'(dash)] [Second

	Subscript]. To list the complete record without page delays, enter: LIST CON (list continue).
NEXT [Record Number]	Used to fetch the next record in AREA/SET specified by the FIRST command if the optional parameter is blank. If the RECORD NUMBER is entered, the next record for the specified record number is fetched if in the same area of currency.
OCTAL	Used to display the octal value of the last element displayed from execution of the LIST or DISPLAY command.
OWNER [Owner Record Number]	Used to fetch the OWNER record of the current set if the optional parameter is blank. If the OWNER RECORD NUMBER is entered, the OWNER record of the specified set is fetched.
PAGE [Page Number]	Used to display the PAGE NUMBER of the current record if the optional parameter is blank. If the PAGE NUMBER is entered, currency is established for the PAGE NUMBER entered.
PRINT [Printer Name]	Used to create PRINT image of data from the last execution of the DISPLAY or LIST command in the SYMIT for the PRINTER NAME command.
RECORD [Record Number]	Used to display the current record if the optional parameter is blank. If the RECORD NUMBER is entered, currency is established for the RECORD NUMBER entered.
REMOVE	Used to delink the current record from the current set. SET currency must be established prior to execution of this command using the SET command. This command should only be used to delink records from manual sets.
SET [Set Name] [Owner/Member Prefix]	Used to display the current SET NAME and OWNER/MEMBER PREFIX for the current record if the optional parameters are blank. If the SET number is entered, currency is established for the SET NAME entered. If the OWNER/MEMBER PREFIX is entered, a list of set relationships is displayed for the prefix entered.
STATUS [Error Status Number] [Error Number]	Used to display the status of the last command executed if optional parameters are blank. The ERROR STATUS NUMBER is entered, and the definition of the ERROR STATUS is displayed. If the ERROR NUMBER is entered, the definition of the ERROR NUMBER is displayed.
STORE [Record Number]	Used to create new records. Currency must be established on the records. Currency is established by pressing the CALC key using the fetch command. Once owner currency is

	<p>established, transmit STORE CURRENCY ESTABLISHED. The command STORE stores the applicable record and initializes the fields. The only valid commands after STORE CURRENCY ESTABLISHED other than DATA name entries are STORE, LIST, HELP, and STORE END which sets the program back into normal processing. Example of storing a 102-REPAIR-CYCLE using the currency command: EXAMPLE:</p> <p>FIR 102</p> <p>STORE 102</p> <p>101-CALC-KEY = (101-CALC-KEY)</p> <p>FET</p> <p>STORE CURRENCY ESTABLISHED</p> <p>102-STOCK-NUMBER = (Enter the stock number here)</p> <p>STORE</p> <p>STORE END</p> <p>Refetch the 102-REPAIR-CYCLE record and input applicable system designator.</p>
SYM [,U] PRINTER NAME	<p>Used to print the data from the last PRINT command on the printer entered in the PRINTER NAME. If the [,U] option is blank, the print file is deleted after printed. If the [,U] is not blank, the print file is not deleted. To display elements that have an occurs within an occurs (for example, 314-MACR-BC-Z and 314-CURRENT-AND-PRIOR-YEARS), enter: Display [Element Name] [First Subscript] ['-'(dash)] [Second Subscript]</p>
XXX	Used to initialize all data elements in a record to spaces.
YES	
(PRINTER NAME)	Used to update the database and create a hard copy of the FIX document as a result of executing an AFTER command.

3.54.4. Use of Spaces. When a data element is being entered or modified and blanks are required between the data (for example: after nomenclature field, add national stock number), NGV299 will accept the spaces.

3.54.5. Database Updates. After the YES command is entered to update the database, the before and after image of the record will automatically scroll upon the screen. No further operator intervention is needed. Once the FIX number appears, the actual database update occurs.

3.54.6. Examples of NGV299R Execution. The following are some examples of execution of commands.

3.54.6.1. Locate/Modify Item-Record (101) for Stock Number 1560006378004, System Designator 01.

Step A1 ENTER: 101-CALC-KEY 010\*\*06378004      Note

Step A2 ENTER: FETCH

Step A3 ENTER: LIST

Step A4 ENTER: BEFORE

Step A5 ENTER: (Enter the element name followed by the new value of the field and transmit, or move the cursor to the element past the last character in the element name.)

Step A6 ENTER: AFTER

Response: VERIFY ALL CHANGES

Response: ENTER 'YES' TO WRITE CHANGES TO DATA BASE

(If the changes are correct and the user wishes to update the database, go to step A7. If the changes are not correct, return to step A1.

Step A7 ENTER: YES

Response: (BEFORE image of the record is displayed, followed by the AFTER image. Elements that were changed are displayed.)

Step A8 ENTER: @ (Masterspace, if you wish to terminate execution of program NGV299.)

ENTER: (Transmit a space if you wish to remain in program NGV299 and execute another command.)

**Note:**

Structure the 101-CALC-KEY as follows:

01 0 \*\* 06378004

| | | |

| | | | \_\_\_\_\_ 101-FILLER-1 8 positions

| | | | \_\_\_\_\_ positions 6-13 of stock number

| | | |

| | | \_\_\_\_\_ 101-MMC 1 positions

| | | \_\_\_\_\_ positions 14-15 of stock number

| | | \_\_\_\_\_ when blank, insert \*\*

| | |

| | \_\_\_\_\_ 101-ALPHA-CHK 1 position

| | \_\_\_\_\_ 5<sup>th</sup> position of stock number

|

\_\_\_\_\_101-SYSTEM-DESIGNATOR 2 positions  
mandatory entry

3.54.6.2. Locate/Modify Repair Cycle Record (102) for Stock Number 1610004710167.

Step B1 ENTER: 102-STOCK-NUMBER 1610004700167

Step B2 ENTER: FETCH

Step B3 ENTER: LIST

Step B4 ENTER: BEFORE

Step B5 ENTER: (Enter the element name followed by the new value of the field and transmit, or move the cursor to the element line on the screen and enter the new value and transmit. In either case, the value entered must be at least one space past the character in the element name.)

Step B6 ENTER: AFTER

Response: VERIFY ALL CHANGES

Response: ENTER 'YES' TO WRITE CHANGES TO DATA BASE

(If the changes are correct and the user wishes to update the data base, go to step B7. If the changes are not correct, return to step B4. If the user decided not to make the change, go to step B8.)

Step B7 ENTER: YES

Response: (BEFORE image of the record is displayed, followed by the AFTER image. Elements that were changed are displayed and followed by the FIX NUMBER assigned.)

Step B8 ENTER: @ (Masterspace, if the user wishes to terminate execution of Program NGV299.)

3.54.6.3. Locate/Modify Authorized In-Use Record (201) for Document Number E150AB00000012, System Designator 01.

Step C1 ENTER: 103-DOCUMENT-NBR 01E150AB00000012

Step C2 ENTER: FETCH

Step C3 ENTER: LIST

Step C4 ENTER: FIRST 103201 201

Step C5 ENTER: LIST (Ensure this is the detail you want, if not ENTER: Next then ENTER: List)

Step C6 ENTER: BEFORE

Step C7 ENTER: (Enter the element name followed by the new value of the field and transmit, or move the cursor to the element line on the screen and enter the new value and transmit. In either case, the value entered must be at least one space past the last character in the element name.)

Step C8 ENTER: AFTER



Response: VERIFY ALL CHANGES

Response: ENTER 'YES' TO WRITE CHANGES TO DATA BASE

(If the changes are correct and the user wishes to update the data base, go to step C7. If the changes are not correct, return to step C4. If the user decides not to make the change(s) go to step C8.)

Step C9 ENTER: YES

Response: (Before image of the record is displayed, followed by the AFTER image. Elements that were changed are displayed, followed by the FIX NUMBER assigned.)

Step C10 ENTER: @ (Masterspace, if the user wishes to terminate execution of Program NGV299.)

ENTER: (Transmit a space if you wish to remain in Program NGV299 and execute another command.)

3.54.6.4. Locate/Modify Detail Records (202-221, 223-230) that are members of the DOCUMENT-NBR SET (103).

3.54.6.4.1. DUE-IN DETAIL Record (202) for Document Number 41032027, System Designator 01.

Step D1 ENTER: 103-DOCUMENT-NBR 0141032027

Step D2 ENTER: FETCH

Step D3 ENTER: FIRST 103230 202

Step D4 ENTER: LIST

Step D5 ENTER: BEFORE

Step D6 ENTER: (Enter the element name followed by the new value of the field and transmit, or move the cursor to the line on the screen and enter the new value and transmit. In either case, the value entered must be at least one space past the last character in the element name.)

Step D7 ENTER: AFTER

Response: ENTER 'YES' TO WRITE CHANGES TO DATA BASE

(If the changes are correct and the user wishes to update the data base, go to step D8. If the changes are not correct, return to step D5. If the user decides not to make the change, go to step D9.)

Step D8 ENTER: YES

Response: (BEFORE image of the record is displayed, followed by the AFTER image. Elements that were changed are displayed, followed by the FIX NUMBER assigned.)

Step D9 ENTER: @ (Masterspace, if you wish to terminate execution of Program NGV299.)

ENTER: (Transmit a space if you wish to remain in Program NGV299 and execute another command.)

3.54.6.4.2. DUE-OUT-DETAIL Record (205) for Document Number X341HS41560002, System Designator 01.

3.54.6.4.2.1. Step E1 ENTER: 103-DOCUMENT-NBR 01X341HS41560002

3.54.6.4.2.2. Step E2 ENTER: FETCH

3.54.6.4.2.3. Step E3 ENTER: FIRST 103230 205

3.54.6.4.3. STATUS-FLP-MILSTRIP-DETAIL (208) for Document Number 32577006, System Designator 01.

3.54.6.4.3.1. Step F1 ENTER: 103-DOCUMENT-NBR 0132577006

3.54.6.4.3.2. Step F2 ENTER: FETCH

3.54.6.4.3.3. Step F3 ENTER: FIRST 103230 208

3.54.6.4.3.4. Step F4 thru F9: Same as steps D4-D9.

3.54.6.4.4. RECEIVED-BUT-NOT-BILLED-DETAIL (213) for Document Number 73330110, System Designator 01.

(There are three RNB details with the same Document Number and the first detail is not the detail that requires a change.)

Step G1 ENTER: 103-DOCUMENT-NBR 0173330110

Step G2 ENTER: FETCH

Step G3 ENTER: FIRST 103230 213

Step G4 ENTER: LIST

Step G5 ENTER: NEXT

Step G6 ENTER: LIST

(The second detail is not the detail that requires a change.)

Step G7 ENTER: NEXT

Step G8 ENTER: LIST

(This detail is the one that requires a change.)

Step G9 ENTER: BEFORE

Step G10 ENTER: (The element name followed by the new value of the field and transmit or move the cursor to the element line on the screen and enter the new value and transmit. In either case, the value entered must be at least one space past the last character in the element name.)

Step G11 ENTER: AFTER

Response: VERIFY ALL CHANGES

Response: ENTER 'YES' TO WRITE CHANGES TO DATA BASE

(If the changes are correct and the user wishes to update the data base go to step G12. If the changes are not correct, return to step G9. If the user decides not to make the change, go to step

G13.)

Step G12 ENTER: YES

Response: (Before image of the record is displayed, followed by the AFTER image. Elements that were changed are displayed followed by the FIX NUMBER assigned.)

Step G13 ENTER: @ (Masterspace, if you wish to terminate execution of Program NGV299.)

ENTER: (Transmit a space if the user wishes to remain in Program NGV299 and execute another command.)

3.54.6.4.5. Locate/Modify PART-NBR-DETAIL (222) for Part Number 22342.

Step H1 ENTER: 222-CALC-KEY 22342

Step H2 ENTER: FETCH

Step H3 ENTER: LIST

Step H4 ENTER: BEFORE

Step H5 ENTER: (Enter the element name followed by the new value of the field and transmit or move the cursor to the element line on the screen and enter the new value and transmit. In either case, the value entered must be at least one space past the last character in the element name.)

Step H6 ENTER: AFTER

Response: VERIFY ALL CHANGES

Response: ENTER 'YES' TO WRITE CHANGES TO DATA BASE

(If the changes are correct and the user wishes to update the data base, go to step H7. If the changes are not correct, go to step H4. If the user decides not to make the change(s), go to step H8.)

Step H7 ENTER: YES

Response: (Before image of the record is displayed, followed by the AFTER image. Elements that were changed are displayed followed by the FIX NUMBER assigned.)

Step H8 ENTER: @ (Masterspace, if the user wishes to terminate execution of Program NGV299.)

ENTER: (Transmit a space if you wish to remain in Program NGV299 and execute another command.)

3.54.6.4.6. Locate a record using the Area, Page, and Record Number.

3.54.6.4.6.1. Step J1 ENTER: AREA = ITMDTL-GV-1

3.54.6.4.6.2. Step J2 ENTER: PAGE = 3124

3.54.6.4.6.3. Step J3 ENTER: RECORD = 10

3.54.6.4.6.4. Step J4 ENTER: DIRECT

3.54.6.4.6.5. Step J5 ENTER: LIST **Note:** This will fetch record number

10 on page 3124 of the ITMDTL-GV-1 area.

3.54.6.4.7. Modify a data element that has an occurs clause (record currency must be established.)

3.54.6.4.7.1. Step K1 ENTER: BEFORE

3.54.6.4.7.2. Step K2 ENTER: 102-Net-Repair-Cycle-Days 00001 004 (This will change occurrence 4 to a '1'.)

3.54.6.4.7.3. Step K3 ENTER: AFTER

3.54.6.4.7.3.1. Response: VERIFY ALL CHANGES

3.54.6.4.7.3.2. Response: ENTER 'YES' TO WRITE CHANGES TO DATA BASE

3.54.6.4.8. Modify a data element that has an occurs within an occurs (record currency must be established).

3.54.6.4.8.1. Step L1 ENTER: BEFORE

3.54.6.4.8.2. Step L2 ENTER: 314-Fiscal-Year 8 002-004 **Note:** This will change the 4<sup>th</sup> occurrence of fiscal year, within 2<sup>nd</sup> occurrence of 314-MACR-BC-Z, to and '8'.)

3.54.6.4.8.3. Step L3 ENTER: AFTER

3.54.6.4.8.4. Response: VERIFY ALL CHANGES

3.54.6.4.8.5. Response: ENTER 'YES' TO WRITE CHANGES TO DATA BASE

3.54.6.4.9. List an element with an occurs clause (record currency must be established).

3.54.6.4.9.1. Step M1 ENTER: List 102-Net-Repair-Cycle-Days 004

3.54.6.4.10. List an element with an occurs clause within an occurs clause (record currency must be established).

3.54.6.4.10.1. Step N1 ENTER: List 314-Fiscal-Year 002-004 **Note:** This will list 4<sup>th</sup> occurrence of 314-Fiscal-Year for the 2<sup>nd</sup> occurrence of 314-Budget-Code.)

### **3.55. Sample NGV299 Session To Update 002 Record.**

3.55.1. Purpose. To provide the user with a sample interactive session to update the 002-Special-Control record.

3.55.2. Input Processing. The 002 Record may be updated from a demand terminal. If users plan to update the 002 record, they MUST run an END image to place the SBSS database in twilight mode (if database is not already in twilight mode). Also, make sure that NO batch runs are currently accessing the database to be fixed. It is also recommended that a database dump be taken prior to performing the FIX.

3.55.3. Input Restrictions. The demand page used must be specified in the Base Constants Record as page 2 of the 057 terminal (that is, AFMC SCM-R Information Technology Activity Main Console).

3.55.4. Output. This will vary based upon user inputs.

3.55.5. Sample Output.

@ADD GV\$\$0000\*GVECLUD001.NGV299R Note 1

I:002333 QUAL complete.

I:002333 FREE complete.

I:002333 ASG complete.

I:002333 ASG complete.

FURPUR 30R1F-1L (910910 1145:30) 1993 Nov 15 Mon 0921:28

1 ABS

1 ABS

I:002333 FREE complete.

I:002333 USE complete.

I:002333 USE complete.

W:120533 filename not unique.

W:120133 file is already assigned.

W:120533 filename not unique.

W:120133 file is already assigned.

START FIX PROGRAM NGV299.10R06

PLEASE ENTER "GV # Note 2

GV 1

FIR 002 Note 3

LIST Note 4

002-FLG-A

002-FLG-C =

002-FLG-E = A

002-FLG-F = "

002-FLG-I =

002-FLG-J =

002-FLG-B =

002-RESERVED-1 =

002-RESERVED2 =

002-CAL-DAY = 14

002-FILLER-1	=	
002-CAL-MONTH	=	JUL
002-FILLER-2	=	
002-CAL-YEAR	=	94
002-JULIAN-YEAR	=	1
002-JULIAN-DAY	=	195
002-TRANSACTION-NBR	=	03
BEFORE		Note 5
002-JULIAN-DAY	=	196
AFTER		Note 7
VERIFY ALL CHANGES		Note 8
002-JULIAN-DAY	=	196
	=	195
- - - - -		
ENTER YES TO WRITE CHANGES TO DATABASE		Note 9
- - - - -		
FIX NUMBER IS 0056		
		Note 10

**Note:**

1. @ADD GV\$\$0000\*GVECLUD001.NGV299R. This is the ECL statement used to invoke program NGV299.
2. PLEASE ENTER GV #. At this point the user should enter the appropriate primary gang number. In this example gang 1 was used; however, gang numbers 1, 2, 3, and 4 are valid depending upon local site configurations. Secondary database numbers may be specified as required.
3. FIR 002. This keyin signals NGV299 to establish currency on the first 002 record.
4. LIST. This keyin signals NGV299 to list the contents of the 002 Record.
5. BEFORE. This keyin signals NGV299 that you are preparing to update the 002 Record.
6. 002-JULIAN-DAY = 196. In this example the Julian date is being changed from 195 to 196.
7. AFTER. This keyin signals NGV299 to apply the updated fields to the 002 Record.
8. Verify all changes at this point. NGV299 shows you the before and after images of the 002 Record. Users need to validate that the correct changes have been applied.
9. Enter YES to write changes to the database. Once you have validated your changes, enter YES. This will signal NGV299 to FIX the database.

10. FIX NUMBER IS 0056. If the FIX is successful, NGV299 will display your FIX number.

### **3.56. SBSS Program Control Flags.**

3.56.1. Purpose. To describe the 002-SPECIAL-CONTROL record flag settings. These paragraphs contain the standard SBSS program control flags used by the DMC SBSS ADS. These program control flags are critical to SBSS ADS program logic and processes.

#### **3.56.2. Program Control Flags Definition.**

##### **3.56.2.1. FLAG-A (002-FLAG-A). Transaction/Batch Mode Flag.**

3.56.2.1.1. Purpose. Indicates whether the SBSS ADS is inline or twilight mode.

##### **3.56.2.1.2. Settings.**

3.56.2.1.2.1. Turned OFF (set to space) by program NGV210 when on inline initialization or reinitialization (return inline from twilight mode). Only inline inputs can be processed.

3.56.2.1.2.2. Turned ON (set to a ']') by program NGV207 when the END image is processed. Yes, it really gets set to a bracket.

##### **3.56.2.2. FLAG-C (002-FLAG-C). Reports Mode Flag.**

3.56.2.2.1. Purpose. Acts as an input sequence control for reports mode inputs. When turned ON, only reports mode type inputs will be accepted.

##### **3.56.2.2.2. Settings.**

3.56.2.2.3. Turned ON (set to a 5) by program NGV898 when either report image RPTRUN or TRIC RPT is processed.

3.56.2.2.4. Turned OFF (set to a space) by program NGV210 when the initialization (INT) image is processed at beginning-of-day (BOD).

##### **3.56.2.3. FLAG-F. Reserved for future use.**

##### **3.56.2.4. FLAG-I (002-FLAG-I). End-of-Night (RPTEON) Status Flag.**

3.56.2.4.1. Purpose. Acts as a control to allow beginning-of-day processing to commence and indicates that the RPTEON image has been processed.

##### **3.56.2.4.2. Settings.**

3.56.2.4.2.1. Turned on ( set to a ']') by program NGV898C when processing RPTEON image.

3.56.2.4.2.2. Turned off ( set to a space ) by program NGV210 when beginning-of-day is processed.

##### **3.56.2.5. FLAG-S (002-FLAG-S). Secondary Database Flag.**

3.56.2.5.1. Purpose. Controls primary and secondary database use during concurrent processing phases.

##### **3.56.2.5.2. Primary database settings of the 002-FLAG-S are:**

3.56.2.5.2.1. Space - The secondary database has never been activated.

3.56.2.5.2.2. Zero - The secondary database has finished reports and report end-of-night has processed. The primary database is currently active.

3.56.2.5.2.3. One - Begin-of-day (BOD) has not been started on the primary database. The secondary database is still active or report end-of-night has not processed yet.

3.56.2.5.2.4. Two - Can occur under two different circumstances. First, if BOD has been processed on the primary database and RPTEON has not been processed on the secondary database. Second, if BOD has not processed on the primary database and RPTEON has been processed on the secondary database.

3.56.2.5.3. Setting of 002-FLAG-S on the secondary database:

3.56.2.5.3.1. One - Secondary database is active (Report end-of-night has not been run).

3.56.2.5.3.2. Asterisk - Secondary database is inactive. Reports have been processed including report end-of-night on the secondary database.

3.56.2.5.4. When using application programs, a decision is made as to which database option to use, primary or secondary (NGV801A driver) using LK-S-OPT-SET (88 level).

3.56.2.5.4.1. True = Secondary

3.56.2.5.4.2. False = Primary

3.56.2.6. FLAG-U. Reserved for future use.

3.56.2.6.1. Purpose. AFMC SCM-R Information Technology Activity use only.

3.56.2.6.2. Settings.

3.56.2.6.2.1. It is turned ON (set to a 1) by program NGV801A when the RPTRUN selection, with an asterisk (\*) in position 7 is processed.

3.56.3. Sample of 002-Flag Settings.

**Table 3.5. Sample of 002-Flag Settings.**

PRIMARY		SECONDARY	
ONLINE		REPORTS	
FLAG	SETTING	FLAG	SETTING
002-FLAG-A		002-FLAG-A	]
002-FLAG-C		002-FLAG-C	5
002-FLAG-I		002-FLAG-I	
002-FLAG-S	2	002-FLAG-S	1
PRIMARY		SECONDARY	
TWILIGHT		RPTEON has processed	



FLAG	SETTING	FLAG	SETTING
002-FLAG-A	] ]	002-FLAG-A	] ]
002-FLAG-C		002-FLAG-C	5
002-FLAG-I		002-FLAG-I	
002-FLAG-S	0	002-FLAG-S	*
<b>PRIMARY</b>		<b>SECONDARY</b>	
<b>After RPTRUN</b>		<b>After RPTRUN</b>	
FLAG	SETTING	FLAG	SETTING
002-FLAG-A	] ]	002-FLAG-A	] ]
002-FLAG-C	5	002-FLAG-C	5
002-FLAG-I		002-FLAG-I	
002-FLAG-S	1	002-FLAG-S	1
<b>PRIMARY</b>		<b>SECONDARY</b>	
<b>After RPTEON</b>		<b>After RPTEON</b>	
FLAG	SETTING	FLAG	SETTING
002-FLAG-A	] ]	002-FLAG-A	] ]
002-FLAG-C	5	002-FLAG-C	5
002-FLAG-I	] ]	002-FLAG-I	
002-FLAG-S	1	002-FLAG-S	1

### 3.57. NDA500 Screen.

3.57.1. Purpose. To provide selection of the input parameters for executing NDA500.

ENTER: SCHEMA NAME	>	Note 1
GANG NUMBER	>A	Note 2
REVIEW ERRORS Y/N	>Y	Note 3
Batch Verify Parameters		
VERIFY SET CODE	>A	Note 4
TIP FILE NUMBER	>	Note 5
SCHEMA FILE NAME	>	Note 6
AREA QUALIFIER	>DMS\$<ALN>	Note 7
VERIFY START TIME	>	Note 8
EXIT	>	Note 9

**Note:**

1. Enter SBSS-SCHEMA.
2. Enter gang number to be verified; only one SBSS database may be entered. For the daily run this should be the secondary gang number.
3. Enter N for the initial daily run. The program will change this field to a Y. The Y option will allow the user to monitor the run as it progresses. In addition, after the run is completed, you can execute NDA500 and review the previous run's Summary Screen (see Para. 3.58.).
4. Enter 1-65/80-102 for daily mandatory secondary run etc. This will bypass the Consolidated Transaction History (CTH) sets which are sets 70 through 73. Enter A to verify all sets on the primary database. This option is mandatory weekly. The following are examples of set ranges:
  - a. (1-10/25-28) - Verifies sets 1 through 10 and sets 25 through 28.
  - b. (1/20) - Verifies sets 1 and 20 only.
  - c. (1-30) - Verifies sets 1 through 30.
5. Not applicable to SBSS.
6. Enter DMS\$<ALN>\*SBSS-SCHEMA. Change the <ALN> to your applicable ALN. Also, ensure to put a period (.) at the end of the filename. If the period is missing, NDA500 will abort.
7. Enter DMS\$<ALN>. Replace <ALN> with your ALN. A period is not required.
8. No entry required for SBSS. Transmit from here to start NDA500.
9. Self-explanatory. Exits NDA500 processing.

**3.58. Summary of Database Errors.**

3.58.1. Purpose. To demonstrate what NDA500 displays when an error is encountered.

SET	DATA SET NAME	ERRORS	MEMBERS	OWNERS	PHASE	USER-ID
1	ISG-ITEM	Note 7	1705	740	Note 5	Note 6
2	PRT-REL		647	622		
3	ITM-REL		647	26204		
4	ITEM-R-C		2647	26204		
5	ITEM-ATHINU		4747	26204		
7	ITEM-DTLS		31516	26204		
8	DOCN-ATHINU		4747	20390		
9	DOCN-DTLS		31516	30390		
10	HDR-301		4	1		
11	ITEM-ATHINU-WEAPON		0	4747		
12	SD-ZCC		2	7		
13	SD-SFIMR		50	7		

14	SD-MACR	14	7
15	GLA-MGL	48	131
16	GLA-ACC	138	131
17	GLA-ZGL	585	131
18	GLA-ZOO	1	131
19	SD-FUELS	19	7
20	SD-FUELS-SA	1	7
21	FUELS-STKNBR	18	19
-----PRINT>      SETCODE>      EXIT>      NEXT>			
Note 1		Note 2	Note 3      Note 4

**Notes:**

1. Position the cursor after the SOE, depress transmit, and the print request screen will appear. See **Para. 3.59**. After the summary list is printed, the screen will be refreshed with the summary file.
2. Enter a valid set number to be reviewed, depress transmit, and the program will refresh the screen with the set number entered along with the next 19 sets.
3. Position cursor after the SOE, depress transmit; the program will return to the NDA500 1R1 screen.
4. Position cursor after the SOE, depress transmit; the screen will be refreshed with the next 20 sets.
5. This field will illustrate the number of times a particular set type has been verified; for example, A1 first verify, A2 second verify, etc. These types of codes will appear only if there are errors in a particular set. After a set is patched, the A will be replaced by a P on the screen.
6. This column will illustrate the phase NDA500 is processing, either DBSCAN which is the scan phase or VERIFY for the verify phase. In addition, this field will reveal when a REVERIFY is in progress and the USER-ID of the user who is currently working the set.
7. This field will identify the number of errors in the specific set type. If there are errors, position the cursor to the set type which contains errors, depress transmit, and the Error Set Screen will appear. (See **Para. 3.60**.)

**3.59. Print Requests.**

3.59.1. Purpose. To provide print options for NDA500.

ALTERNATE FILE	>3142\$PR\$0	Note 1
CHAIN NUMBER	>ALL	
SEND TO DEVICE	>PR	Note 2
NUMBER OF COPIES	>	Note 3
PRINT HEADING	>	Note 4

PRINT	>	Note 5
RETURN	>	Note 6

**Notes:**

1. The following will illustrate the file name format:
  - a. (3142) - magic number for the SBSS-SCHEMA
  - b. (PR) - default print queue
  - c. (0) - set number for patch options; otherwise 0 is the default
2. Enter the AFMC SCM-R Information Technology Activity NTR device. PR is default queue.
3. Self-explanatory.
4. User-supplied information.
5. Position cursor after the SOE, depress transmit to initiate the print process. The program will return the user to the screen that the print request originated from; for example, the Summary Screen.
6. If no printed output is required, position the cursor after the SOE, depress transmit, and the program will return the user to the screen that the request originated from; for example, the Summary Screen.

**3.60. Error Set Screen.**

3.60.1. Purpose. To provide displays for the errors and lets the operator select the applicable patch.

DBP: 000405740006 ENTRY: 1/1 NAME: SPECIAL-LEVEL-DETAIL REC=1

ATTRIBUTES: NO PRIOR RECORD - Note 1

OWN: 001400040005 >

PRI: 001400040005 >

NXT: 000400010010 >

DATA: 00001LA007PL70140232 ??FA 8A ??B??001 ??

-----

DBP: 000400010010 ENTRY: 1/2 NAME: DUE-OUT-DETAIL REC=2

ATTRIBUTES: >

OWN: 001400040005 >

PRI: 000405740006 >

NXT: 001400040005

DATA: ?? A007PL0140232 ???? ?? ??

-----

DBP: 001400040005 ENTRY: 1/3 NAME: DOCUMENT-NBR REC=3

## ATTRIBUTES:

OWN: \* OWNER \* &gt;

PRI: 000400010010 &gt;

NXT: 000405740026 POINTS TO UNASSIGNED RECORD - Note 2 \*&gt;PATCH 1 \* Note 3

DATA: A007PL70140232??

-----  
CHAIN 1 OF 1 - LAST BAD

CHAIN HAS 3 RECORDS

CHAIN&gt; RECORD&gt; HOLD&gt; PATCH&gt; VERIFY&gt; PRINT&gt; EXIT&gt; NEXT&gt;

Note 4 Note 5 Note 6 Note 7 Note 8 Note 9 Note 10 Note 11  
-----**Notes:**

## 1. Attributes:

- a. No Prior Record--no record's next pointer points to this record.
- b. X Prior Records--more than X record's (X identifies number of records) have a next pointer which point to this record.
- c. Exits Chain--the record terminates the set abnormally entering another set or by looping back to a prior record in the set.

## 2. Error Conditions:

- a. Loops--the set ends by looping back to itself.
  - b. Points to unassigned record--last record in the sets points to a record not in use.
  - c. Converges--the records next pointer points into another set.
  - d. Bad Prior--the set has at least one record with a bad prior pointer.
  - e. Bad Owner--the set has at least one record with a bad owner pointer.
  - f. No Owner--the set has no owner record.
  - g. More than one owner--the set contains more than one owner record.
3. If an asterisk appears before the SOE, this indicates that the patch was generated by NDA500. After verifying that the patch is correct, remove the asterisk after recommended patch, and transmit. The program will be a patch file for NGV224. If NDA500 does not provide a patch, the user must structure a patch in the same manner as the program generated patches; for example, PATCH 2. The numeric portion of the patch represents the record number this record should be pointed to.
4. NDA500 will display the first set which has errors. The user must display all subsequent sets which have errors. The user may do this by entering the next set number in the chain field.

5. Enter applicable record number to be reviewed, transmit, and NDA500 will display the next three records on the screen starting at the record the user specified.
6. Enter the record number to be held. The program will hold this record and display the next two records in the set.
7. Position the cursor after the SOE, depress transmit. The patch request screen will appear. See **Para 3.61**.
8. Position the cursor after the SOE, depress transmit. The program will reverify the set which was identified as being in error. It is recommended that all sets which had errors are patched prior to this verify. The program will return the user to the Summary Screen.
9. Position the cursor after the SOE, depress transmit. The program will display the print screen.
10. Position the cursor after the SOE, depress transmit. The program will return the user to the Summary Screen.
11. Position the cursor after the SOE, depress transmit. The program will display the next three records in the set if applicable.

### **3.61. Patch Request Screen.**

3.61.1. Purpose. To let the operator start NGV224 or return to patch screen.

START FILE NAME	3142\$PU\$9	Note 1
START NGV224 RUN	? >N	Note 2
PATCH SCREEN	? >N	Note 3
PATCH	>	Note 4
RETURN	>	Note 5

#### **Notes:**

1. Standard qualifier/filename will be project-ID with filename described as the following:
  - a. (3142) - NDA500 schema number for SBSS-SCHEMA
  - b. (\$PU\$) - indicates patch file
  - c. (9) - set number which patch is to be applied
2. Change to N or Y. NGV224 will IRU down the applicable gang, apply the patch to the database, IRU up the applicable gang and produce the auditable print/patch document.
3. Not applicable to SBSS.
4. Executes the patch. Used when Note 2 was answered with Y.
5. Returns user to Error Set Screen.

## Chapter 4

### SUPPLY INTERFACE SYSTEM (SIFS)

#### *Section 4A—Supply Interface System (SIFS)*

**4.1. Chapter Summary.** This chapter provides a complete description and explanation of the SIFS system. SIFS is the vehicle used in the manipulation of all SBSS data images.

4.1.1. Purpose. This chapter provides users with information to successfully operate and manage SIFS processing functions.

4.1.2. Scope. This chapter provides detailed information on all aspects of the SIFS processing functions and its interaction with other Automated Data Systems.

4.1.3. Audience. The primary audience for this chapter is the SIFS Gang Monitor; however, all AFMC SCM-R Information Technology Activity operators and LRS/Materiel Management Activity users with an interest in transmission/receipt of supply data through SIFS should be aware of information available in this chapter.

4.1.4. Prerequisites. SIFS covers many diverse areas in materiel management operations involving most of the LRS/Materiel Management Activity functional areas. General users should have at least a basic understanding of the relationship between SIFS and their own functional area. This will permit users to know what SIFS will do for them. It is recommended that, at a minimum, the SIFS Gang Monitor be familiar with the following:

4.1.4.1. The Executive.

4.1.4.2. TIP processing and database management.

4.1.4.3. Mass storage file manipulation.

4.1.5. How to use this chapter. This chapter layout follows the same basic format throughout. Each area is introduced to the user. General information and a system overview is provided. Input/output data formats and detailed program logic flow is provided in each section.

**4.2. Section 4A Overview.** This section describes Supply Interface Systems (SIFS) operations and provides a generalized overview of how SIFS interacts with the BLAMES, Automated Data Reports Submission System (ADRSS) and SBSS applications programs.

#### **4.3. SIFS Operations.**

4.3.1. Purpose of SIFS. The primary goal of SIFS is to dispatch data images generated by SBSS application programs. SIFS will dispatch data images generated by batch and TIP processing. SIFS also serves as an SBSS interface between other automated systems. This is normally accomplished by using the ADRSS system to send and receive data via DDN. SIFS will also transfer SBSS data images to and from Standard Procurement System (SPS) and the AFEMS.

4.3.2. Security. There are no classified components in the SIFS system. All inputs and outputs to the SIFS system are unclassified. SIFS does not handle or contain any Privacy Act data.

4.3.3. SIFS Operations. User intervention in SIFS operations is minimal. SIFS is geared to, and driven by, the SBSS applications programs that generate output images. SIFS is also

driven by incoming data processed by ADRSS (system code AA). Normally, the user does not have to manually initiate an outbound SIFS processing run. Rather, each time an application program generates output images, that application program automatically calls the main SIFS dispatcher. SIFS will register outbound files in the ADRSS trigger file VAADTEU. When ADRSS is started at the DMC, it will copy the files and verify the data for FTP transfer. This concept leaves the user free to concentrate on the management of SIFS rather than the mechanics of the process. Users can manually suppress and initiate various SIFS processes as required.

4.3.4. SIFS Control Records. The single most important aspect of the SIFS process is the SIFS Control Records. The Control Records control the disposition of each inbound or outbound data image by the specific TRIC. SIFS will only dispatch images based on the contents of the SIFS Control Records. If data images are not being collected and dispatched properly, the probable cause is a Control Record not correctly set up. See **Sec. 4B** for more information on SIFS Control Records.

4.3.5. SIFS Header Record (722). The SIFS Header Record is primarily used as a decision-making tool for SIFS programs. Different options can be turned ON or OFF based on different flag settings on the SIFS Header Record. See **Sec. 4C** for more information on the SIFS Header Record.

#### **4.4. Ownership of SIFS Records.**

4.4.1. Gangs. Under the U2200 operating environment, there can be more than one separate and distinct supply account supported by the servicing DMC. SIFS will process all inbound/output data images for each supply account. Each gang is responsible for its own SIFS records and all the associated actions necessary to maintain these records. Within each gang, each system designator is responsible for their own records and all the associated actions necessary to maintain these records. The disposition of one gang (that is, up, down, corrupted, unavailable, etc.) will not affect the SIFS processing capabilities of another gang.

#### **4.5. Responsibilities.**

4.5.1. The AFMC SCM-R Information Technology Activity will appoint a primary and an alternate SIFS Gang Monitor.

4.5.2. Responsibilities of the SIFS Gang Monitor. The SIFS Gang Monitor will be responsible for the following:

4.5.2.1. Overall SIFS operations.

4.5.2.2. Overall administration of the SIFS database records to include:

4.5.2.2.1. Integrity of the SIFS database records.

4.5.2.2.2. Database save (IRU).

4.5.2.2.3. Recovery actions.

4.5.2.2.4. SIFS release load processing.

4.5.2.3. Successful execution of the SIFS end-of-day utilities.

4.5.2.4. Advise the AFMC SCM-R Information Technology Activity on all matters affecting the SIFS operation.



4.5.2.5. Provide technical support to SBSS/SIFS users.

4.5.2.6. Function as a focal point for all questions and/or actions relating to SIFS and other interfacing ADS interfaces.

4.5.2.7. The SIFS Gang Monitor will provide training on the SIFS system to section supervisors and designated individuals. Section supervisors and designated individuals will be responsible for providing training to individuals within their own section.

#### 4.5.3. LGLOS.

4.5.3.1. Ensure SIFS USERS file is being worked and cleared in a timely manner by appropriate section(s).

4.5.3.2. Resolve conflicts on TRIC routing and to MAJCOM as needed .

4.5.3.3. Ensure SIFS residue is reviewed and cleared daily. (**Sec. 4D** contains detailed information on residue.)

4.5.3.4. Review the SIFS Status Report daily to ensure any potential problems are identified and corrected in a timely manner.

4.5.3.5. Ensure the DLA Transaction Services (DLATS) rejects in the Narrative file are worked daily. **Sec. 4D** contains detailed information on the Narrative file. SBSS no longer has the capability to monitor DLATS rejects via a demand session and the task must now be performed in Enterprise Solution-Supply (ES-S).

#### 4.6. SBSS Processing Modes.

4.6.1. Beginning-of-Day (BOD). When the SBSS starts BOD (program NGV210), SIFS program NGV243 (Stock Number User Directory (SNUD) Handler) is automatically executed. Program NGV243 will load to pseudo any SNUD images with an effective date equal to or less than the current SBSS Julian date on the primary gang 002-SPECIAL-CONTROL-RECORD. Users can suppress this option, if desired. See **Sec. 4E** for more information on SNUD processing.

4.6.2. End-of-Day (EOD). Whenever the END image is processed, SIFS will be automatically called. SIFS will scan all database records to check for data images which require dispatch processing. See **Ch 2** for more information on END image processing.

#### 4.7. Error Reporting.

4.7.1. DIREP Submission. If users determine they have a legitimate error condition, the user must submit a DIREP. Users must read the procedures for DIREP reporting before submitting a DIREP.

##### 4.7.1.1. Difficulty Report (DIREP).

4.7.1.1.1. AFMC SCM-R Quality Assurance Activity is responsible for monitoring, controlling, and submitting DIREPs. .

4.7.1.1.2. Purpose of a DIREP. A DIREP, is an accountable, documented report of a system difficulty submitted by user activities through the AFMC SCM-R Information Technology Activity DIREP Monitor.

4.7.1.1.2.1. A DIREP provides information needed to research and analyze the

difficulty the user is having with the system. DIREP analysis should isolate the source of the difficulty and provide a permanent solution. Errors which require an immediate resolution should be called in to the AFMC SCM-R Information Technology Activity.

4.7.1.1.2.2. A DIREP is NOT a way of submitting suggestions. This reporting system should not be used instead of the Air Force Suggestion Program. Likewise, the Air Force Suggestion Program will not be used as a means of reporting program problems.

4.7.1.1.2.3. A DIREP will not be used to report documentation errors to this manual. Editorial errors, procedural or technical inconsistencies, or requests will be submitted to AFMC SCM-R Information Technology Activity in writing.

4.7.1.1.3. Problem Research and Documentation. Before a user submits a DIREP, the user and the personnel in AFMC SCM-R Quality Assurance s will review the suspected problem to make sure it is a valid problem. To submit a thoroughly researched and documented DIREP, the following personnel are recommended.

4.7.1.1.3.1. User. The user is the individual experiencing the problem. The user is usually a Stock Control clerk, A&F technician, etc.

4.7.1.1.3.2. ADPE Supply Systems Monitor. The monitor obtains applicable data, such as TRACE files, ECL runstreams, and tape dumps.

4.7.1.1.3.3. DIREP Monitor. The DIREP Monitor makes sure the problem is not caused by following incorrect procedures.

4.7.1.1.4. DIREP Preparation. When preparing a DIREP, provide as much information as possible. It is better to provide too much information than not enough.

4.7.1.1.5. DIREP Monitor Duties. The AFMC SCM-R Quality Assurance Activity should appoint both a primary and an alternate DIREP Monitor. The DIREP Monitor will act as the point of contact for the AFMC SCM-R Quality Assurance Activity. The monitor's duties will include the following:

4.7.1.1.5.1. Review the submission of all SBSS DIREPs created by all functional users in the LRS/Materiel Management Activity arena. Review the reports for accuracy, clarity, completeness, and correct mailing address. **Note:** Mailing address is AFMC SCM-R Information Technology Activity, Attention: DIREP Control, 401 East Moore Dr, Maxwell AFB-Gunter Annex AL 36114-3001 or e-mail [team4@gunter.af.mil](mailto:team4@gunter.af.mil).

4.7.1.1.5.2. Make sure all supporting documentation is carefully labeled with the correct DIREP number and attached to the DIREP. If the DIREP is inadequate or no supporting documentation is provided, the DIREP may be canceled. Support documentation should include the following:

4.7.1.1.5.2.1. Input image.

4.7.1.1.5.2.2. Before and after inquiries (type 16 ALL DETAIL).

4.7.1.1.5.2.3. Copy of the reject notice.

4.7.1.1.5.2.4. Transaction trace when the DIREP involves an online/TIP program. The computer operator will obtain the transaction trace using the general purpose screen (Screen 051). The operator places the input image on the top line, moves the cursor to the first position of the second line, and enters the word TRACE. When he or she presses the transmit key, a file is built in RJPR01. The AFMC SCM-R Information Technology Activity operator will print the output so it can be attached to the DIREP.

4.7.1.1.5.2.5. Report select parameter image.

4.7.1.1.5.2.6. Aborted ECL runstream and applicable dumps.

4.7.1.1.5.2.7. A copy of the report for which the DIREP has been prepared.

4.7.1.1.5.2.8. All other documentation which would aid in solving the problem.

4.7.1.1.5.3. Maintain a log of all DIREPs submitted to the DMC. The entries for the log will have at least the following:

4.7.1.1.5.3.1. A meaningful short title. Use the same short title as stated on the AF Form 1815, *Difficulty Report (DIREP) Worksheet*.

4.7.1.1.5.3.2. DIREP number. Enter the number after the report is received from the DMC.

4.7.1.1.5.3.3. Flight or section submitting the DIREP.

4.7.1.1.5.3.4. Date the DIREP was submitted to the DMC.

4.7.1.1.5.3.5. An entry which indicates whether the DIREP is about a program number or an SBSS screen.

4.7.1.1.5.3.5.1. If it is against a program, enter the program number.

4.7.1.1.5.3.5.2. If it is against the SBSS screen, enter the screen number.

4.7.1.1.5.3.6. An entry which tells whether the DIREP is open or is closed. If the DIREP has been closed, enter the closing date.

4.7.1.1.5.4. Monitor the status of DIREP solutions provided on the Worldwide DIREP Status Report (WWDSR). Make sure all DIREPs submitted to the DMC facility are on the WWDSR. Resolve problems encountered when a DIREP does not appear on a WWDSR by closely working with the DMC. It is also advisable to use the WWDSR to track DIREPs submitted by other bases on problems you are experiencing.

4.7.1.1.5.5. Formally advise DIREP initiators of DIREP results and make the WWDSR available to all users. All DIREPs submitted by bases will receive a formal response that includes a correction of the problem if applicable.

4.7.1.1.6. Category Codes. Category codes are tools used by AFMC SCM-R Information Technology Activity to make sure reported problems receive proper attention. The category code assigned to the DIREP by the DIREP Monitor is used mainly as a guide and may be assigned a different code by AFMC SCM-R Information Technology Activity. All DIREPs are processed through the AFMC SCM-R

Information Technology Activity, where a category code of I, II, III, or IV is assigned. The criteria for assigning a category code are as follows:

4.7.1.1.6.1. Category I--MAJOR IMPACT. These problems include system loops causing pointer problems, lost audit trails, and incorrect accountable record updating. Normally, AFMC SCM-R Information Technology Activity corrects these problems immediately and releases data on a special release. Problems involving fatal software errors resulting in serious degradation are usually category I. They require the following actions:

4.7.1.1.6.1.1. AFMC SCM-R Information Technology Activity should act immediately to identify and correct the problem.

4.7.1.1.6.1.2. Computer Operations must discuss the problem with the AFMC SCM-R Information Technology Activity before submitting the DIREP. A category I DIREP can and should be processed over the phone with the AFMC SCM-R Information Technology Activity. This phone call provides a starting point for resolving the problem. **Note:** If Computer Operations designates a problem category I without first talking to the AFMC SCM-R Information Technology Activity, then the problem is usually downgraded to category II or III.

4.7.1.1.6.1.3. The user processes the DIREP in the normal manner and forwards the support material to the DMC.

4.7.1.1.6.1.4. The DMC forwards the material to AFMC SCM-R Information Technology Activity as quickly as possible.

4.7.1.1.6.2. Category II--SEVERE PROBLEM. The problem stops the computer from processing input, but it does not cause looping or destroy accountable records. Category II problems could be causing errors in recovery or upchannel reporting. These problems are normally corrected in or with the next release to be shipped.

4.7.1.1.6.3. Category III--CHRONIC PROBLEM. This problem does not stop processing. Category III problems may be spacing or incorrect rejects that are rarely encountered. These problems are corrected in the next scheduled release.

4.7.1.1.6.4. Category IV--COSMETIC ERROR. These are misspelled words and all other minor program deficiencies. Correct these problems as workload permits.

4.7.1.1.7. Completing AF Form 1815. The information on AF Form 1815 provides definitions and descriptions of data needed for DIREP initiation and completion. The format of the requested information is similar to that identified in the frames of the mission support system (MSS).

4.7.1.1.7.1. Section I, Information Processing Center. This field contains the DMC number and must be numeric. The DMC rather than the initiator completes this field.

4.7.1.1.7.1.1. Block 1, DIREP Number. This block consists of the following five items which make up the DIREP number:

4.7.1.1.7.1.1.1. System code. Must contain GV for ILS-S components

(SBSS, ES-S, AFSCDB, SATS) or for SIFS.

4.7.1.1.7.1.1.2. DMC Number. Use actual DMC reporting: Host uses host, etc. The DMC rather than the initiator completes this field.

4.7.1.1.7.1.1.3. Year. Use two-digit year in which report is initiated.

4.7.1.1.7.1.1.4. Month. Must contain a valid month between 01 and 12. The DMC rather than the initiator completes this field.

4.7.1.1.7.1.1.5. Sequence Number. Must contain a value or number between 001 and 999. This number allows DMC personnel to account for the DIREPs they have submitted each month. The DMC rather than the initiator completes this field.

4.7.1.1.7.1.2. Block 2, Date Initiated. This field is mandatory. Enter the date the DIREP was initiated.

4.7.1.1.7.1.3. Block 3, Problem Type. Enter an X in the software block if you are filing a DIREP on GV or CH software.

4.7.1.1.7.1.4. Block 4, System Type. Use this field to indicate the workload configuration being supported. Place an X in the block that applies to your operating environment. If you check the block labeled "Other," describe the equipment in the narrative.

4.7.1.1.7.2. Section II, Software Description.

4.7.1.1.7.2.1. Block 5, Qualifier. When the software block contains an X, use this field to indicate the qualifier of the file (for example: SBSS, USAF).

4.7.1.1.7.2.2. Block 6, File Name. If the software block contains an X, use this field to indicate the file being reported on.

4.7.1.1.7.2.3. Block 7, Element Name. When the software block contains an X, use this field to indicate the program being reported on (for example: NGV885 for a report program or D455 for an online/TIP program).

4.7.1.1.7.2.4. Block 7, Version Name. Leave this field blank.

4.7.1.1.7.2.5. Block 8, Version Date/Time. When the software block contains an X, use this field to indicate the version of the program being reported on. Enter the date/time from the most recent PBI Listing for the program being reported on. The version should be in year, month, day, hour, minute, second (YYMMDDHHMMSS) format (for example: 860120122343).

4.7.1.1.7.2.6. Block 9, Program Control Number (PCN)/ Reports Control Symbol (RCS)/TRIC. Enter either the three-position SBSS TRIC for online/TIP programs or RPTXXX (XXX is the report number) being reported on.

4.7.1.1.7.3. Section III, Documentation Description. Leave blank. Do not use a DIREP to report documentation errors.

4.7.1.1.7.4. Section IV, Problem Description.

4.7.1.1.7.4.1. Block 14, Short Title. Enter a meaningful short title of the DIREP. The title can contain up to 40 characters.

4.7.1.1.7.4.2. Block 15, Narrative. This record allows the user to enter information about the problem so the DIREP Monitor can process the report. The user should explain the problem as clearly and concisely as possible.

4.7.1.1.7.5. Section V, Initiator Information. The initiator enters his/her grade, name, base, organization, office symbol, and DSN number in blocks 16 through 19.

4.7.1.1.7.6. Section VI, DIREP. Identify the information that goes with the DIREP. Ensure each item is marked with the DIREP number from section I.

4.7.1.1.7.7. Section VII, Coordination. This section provides for DMC coordination. Shaded areas are for field support use only.

4.7.1.1.8. AFMC SCM-R Information Technology Activity. The AFMC SCM-R Information Technology Activity processes all DIREPs for SBSS system codes GV and CH. The AFMC SCM-R Information Technology Activity is the point of contact for all DIREP information.

4.7.2. Calling the AFMC SCM-R Information Technology Activity. Sometimes questions or errors arise that just cannot be resolved at field level or MAJCOM level. These questions and errors should be directed to the AFMC SCM-R Information Technology Activity at Maxwell AFB-Gunter Annex AL 36114.

4.7.2.1. Make sure the answer isn't already documented in this chapter, DIREP'd, or identified in the MAPPER System before calling.

4.7.2.2. See **Ch 2** Reporting Program Problems, before calling the FAS.

4.7.2.3. Do Your Homework First. Run through the problem checklist provided in **Chapter 2**. If you still can't solve the problem, then call the AFMC SCM-R Information Technology Activity. The AFMC SCM-R Information Technology Activity is staffed by extremely knowledgeable individuals who are willing to assist you. However, it is extremely hard to give assistance to a base that has not defined the basic problem and has no knowledge of the events that led up to the problem.

**4.8. Disaster, Emergency and Contingency Planning.** A complete discussion of disaster, emergency and contingency planning can be found in **Sec. 4K**.

#### ***Section 4B—SIFS Control Records***

**4.9. Overview.** This section provides the procedures and identifies the processes required to load and maintain the SIFS control records. This section also describes the SIFS control records and how they interact with the overall operations of SIFS. The SIFS control records are extremely important. All dispatch actions to be performed on each TRIC are described in the SIFS control records. It should be noted that these records have now been standardized across the Air Force. AFMC SCM-R Information Technology Activity is now responsible for releasing a consolidated SIFS routing table. This table will contain the disposition for all TRICs routed by the SIFS control records (see **Para 4.54**).

4.9.1. SIFS Control Record Processing. The objective of the SIFS control records is to store dispatch information for each TRIC. This information permits SIFS programs to dispatch these TRICs in a timely manner based on the mission requirements of that base.

#### **4.10. SIFS Control Records.**

4.10.1. General. Users can load, change, or delete SIFS control records but must have an Authorization Number provided by AFMC SCM-R Information Technology Activity to do so. The inquiry option does not require an Authorization Number. See the following paragraphs for processing restrictions accomplished individually by using TRIC 1JC (Inbound) ([Para 4.55](#)), 1JB (Inbound) ([Para 4.59](#)), or TRIC 1JD (Output) ([Para 4.57](#)).

##### **4.10.2. Responsibilities.**

4.10.2.1. SIFS Control Record Contents. The OPR cited on the SIFS control record has the primary responsibility for ensuring that all images dispatched to their file are worked in a timely manner. It is recommended that each flight appoint a primary and an alternate SIFS Control Record Monitor. These individuals will be the focal point for any questions relating to these TRICs and should have some understanding of IPF and CTS. If the flight has a representative, it is recommended that the representative be appointed the primary SIFS Control Record Monitor.

4.10.2.2. System Designator. The SIFS control records are unique to each system designator. By default, data images will be dispatched based upon the control records of the host account.

4.10.2.3. Review of SIFS Control Records. P&A is responsible for ensuring that each flight receives a copy of the SIFS control file. They should also monitor each flight file to ensure all images are being reviewed in a timely manner. P&A is also responsible for the following:

4.10.2.3.1. Coordinating with MAJCOM to resolving routing conflicts.

4.10.2.3.2. Management of the SIFS residue and clearing SIFS residue in a timely manner.

4.10.2.3.3. Management of the SIFS Narrative File and clearing the SIFS Narrative File in a timely manner.

#### **4.11. Loading the SIFS Control Records.**

##### **4.11.1. Prior to load of SIFS Control table,**

4.11.1.1. Ensure all pseudo readers are empty

4.11.1.2. Run End Card and process a file Dump

4.11.1.3. Come back inline and down all terminals

##### **4.11.2. Process SIFS utility option 8 (Control Record Loader).**

4.11.2.1. When the new SIFS option 8 is processed, program NGV231 performs the following actions:

4.11.2.1.1. Reads the AFMC SCM-R Information Technology Activity released control table.

4.11.2.1.2. Validates each TRIC's authorization number. (This is done to ensure that routing records were not modified prior to being uploaded. If any position of a record has been modified, then the program will end. A notice is sent to the AFMC SCM-R Information Technology Activity console stating that the file has bad records. This notice is also printed on the SIFS history report. You then have to load the file back from the release tape.)

4.11.2.1.3. Reads the Base Constant record 001 to determine all active SRANs.

4.11.2.1.4. Creates inbound and outbound records for each active SRAN.

4.11.2.1.5. Recalculate authorization number for each record.

4.11.2.1.6. Deletes all inbound, equate, and outbound records from the database.

4.11.2.1.7. Loads the new records to the pseudo processor. **Note:** This program must be run for each active gang. If your system has a gang 1 and 2, then both gangs must process option 8 to load the control table.

#### 4.12. Miscellaneous.

4.12.1. Changes Made to SIFS Control Records. Users can inquire the SIFS control records at any time. However you must receive prior approval from your MAJCOM and AFMC SCM-R Information Technology Activity to change any SIFS control record. If approval is granted AFMC SCM-R Information Technology Activity will provide you with the Authorization Number needed to update request record. Users should be aware that their user-ID (BATCH) or their user initials TIP will be recorded on the applicable SIFS control record at the time the change is made. All changes made to SIFS control records are reported on the SIFS End-of-Day (EOD) Listing. If the change was made in BATCH mode, then the user-ID of the individual making the change will show on the SIFS EOD Listing. If the change was made in TIP mode, then the initials of the individual performing the change will show on the SIFS EOD Listing.

4.12.2. Rejects. The most common rejects occur when users try to load a SIFS control record that is already loaded or try to delete/change a SIFS control record that is not loaded. A complete list of rejects and corrective action is outlined in **Ch 7**. A satellite account has the capability to query SIFS control record settings for the host account; however, any attempt by a satellite to change a host account's SIFS control record will result in a 179 Reject Notice.

4.12.3. Residue. Any time SIFS tries to dispatch an image, it looks for a corresponding entry in the SIFS control record. If SIFS cannot find an entry or if the entry does not provide the necessary information (entry may be corrupt), then the data image is written to residue. **Note:** The default dispatch for satellite accounts is the 01 account (that is, if NO separate entry exists for that particular Satellite account, then by default, the entry for the 01 account is used). Items will only be sent to residue if there is NO entry for the 01 account. Users have 24 hours in which to clear the residue. If the image is not cleared in 24 hours, it is cited as being delinquent. Each day the image is delinquent and the number of days delinquent are reported on the SIFS EOD.

**4.13. SIFS Inbound Data Handling.** ADRSS Inbound Processing. The ADRSS system (system code AA) dispatches images arriving on base for systems (ADS) which are resident on the SBLC. ADRSS extracts Supply data and passes this data to the SBSS for SIFS processing. When Inbound



SIFS processes, the raw inbound data images are dispatched based on the contents of the SIFS Inbound Control Records. See **Sec. 4G** for SIFS inbound processing procedures.

#### **4.14. SIFS SBSS Output Data Image Handling.**

4.14.1. SBSS Application Program. SIFS directly interfaces with the SBSS application program which generates the output data image(s). In effect, this means that the output data images are dispatched at the time they are generated.

4.14.2. Data Image Output. SIFS dispatches output data images based on the contents of the output SIFS control records. If users have any questions about specific settings for any of the output SIFS control records, they should see **Para 4.50**.

4.14.3. SIFS Control Record Settings. The following steps should be taken when a conflict occurs over settings on the SIFS control records.

4.14.3.1. If you disagree with the standard settings outlined in **Para. 4.54**., then contact the Procedures Section and discuss this with them. The AFMC SCM-R QUALITY ASSURANCE ACTIVITY must determine if the requested change is to correct a routing error or to improve local flexibility. The request is then forwarded to the supporting MAJCOM. The MAJCOM will determine if the routing should be changed. If so, forward the request to AFMC SCM-R Information Technology Activity for consideration. **Note:** SIFS Control is now standard across the Air Force. So, in some cases, local flexibility will have to give way to the greater need of the group.

### ***Section 4C—SIFS Header Records***

**4.15. Overview.** The SIFS header record provides SIFS with a decision-making complex. Different switches and flags are set on the SIFS header record based on local events and local conditions. SIFS uses these flag settings to determine appropriate courses of action during dispatch processes. The SIFS header record also provides SIFS with constants data that is unique to that base and system designator.

**4.16. SIFS Header Record Processing.** Users can inquire the SIFS header record(s) at any given time. Certain items may be changed by the user at any given time. The SIFS Header Record is basically divided into three segments.

4.16.1. The first segment contains constants information unique to that base/system designator that will be used by SIFS (that is, SPS site-ID, host DMC, etc.). This segment is rarely updated.

4.16.2. The second segment contains those flags that can be toggled ON or OFF by the user depending on local conditions (that is, SIFS inbound and/or SIFS output runs can be suppressed, SPS, AFEMS transfers can be suppressed, etc.). This segment is updated at any time depending on local circumstances. **Note:** Users should exercise care when manipulating these flags. Failure to properly set and use these flags may result in delayed processing of inbound and output data items.

4.16.3. The third segment is reserved for internal SIFS processing and cannot be updated unless the user performs a FIX action for whatever reason (see note below). This segment contains different flags which tell SIFS that a specific database area is full and that overflow processing is in effect. Once the database area is cleared and the overflow file processed, SIFS will clear this flag under program control. **Note:** Be reminded that FIX action or QLP Update

should be performed ONLY AS A LAST RESORT. Fixing data records is reserved for those times when SBSS application programs cannot perform the required changes. If in doubt, check with your MAJCOM or the FAB prior to performing this action.

#### **4.17. Constants Information.**

4.17.1. General. The constants information is global to all SIFS processing runs. The SIFS Header Record provides a convenient way to store this data. This constants data is unique to each site and, may even be unique across system designators. Users can change this data at any time by processing TRIC 1JA (see [Para 4.61.](#)). Care should be taken when changing this data as it could have an effect on ALL SIFS jobs for a given system designator. The capability now exists to store data images to the Queue 2 area for later processing by SIFS (see [Para 4.63.](#)). SIFS will make distribution of the TRIC based on its disposition code loaded to the SIFS TRIC table.

4.17.2. SIFS Constants Data. The SIFS constants data is located on the SIFS header record and is broken out as follows:

4.17.2.1. Site Identification Data. Site Identification is data that is unique to this processing site. This data includes:

4.17.2.1.1. HOST-ALN and HOST-PLN. These are used to identify the host DMC. SIFS primarily uses this data to interface with the ADRSS system.

4.17.2.1.2. SPS -Site-ID. This tells SIFS where to send all data images that are destined for SPS. Blank when TYPE-BCAS-XFER is File (f).

4.17.2.1.3. ZULU-DIFF and HOURS-ZULU-DIFF. These are used by SIFS in date/time calculations. Users should understand that all date-time stamps used in DDN and ADRSS are converted to ZULU time. ZULU time or Greenwich Meridian Time (GMT) is a standard time that provides a method to measure events that are time sensitive (that is, local time for different time zones are relative to ZULU time which is the standard). By using this standard there is no confusion or need to convert times, so that times can be viewed in perspective.

4.17.2.1.4. DLATS-Site-ID identifies which DLATS site to route data to. See Para. 4.61., note 27, for a list of locations and indicators.

4.17.2.2. Threshold Records. The threshold records permit users to control SIFS runs based on the volume of data. When the number of images cumulated in a specific area is equal to the user supplied threshold count, SIFS will automatically start and dispatch these records. The user can adjust these threshold values for optimum SIFS processing. Each of these threshold counts has a minimum value of 50. These threshold counts do NOT apply to ADRSS bound data images.

4.17.2.3. SIFS Hold Record. SBSS output data images can be divided into two groups:

4.17.2.3.1. ADRSS bound data images. For ADRSS bound data images a routine or a priority distinction still exists, but at the ADRSS level ONLY (that is, outbound packets of data images can be sent through DDN as a priority packet or as a routine packet). At the SBSS level (that is, SIFS), a distinction between Priority or Routine is

meaningless, since ALL SBSS output data images are made available to ADRSS as soon as they are generated.

4.17.2.3.2. Non-ADRSS bound data images. All SBSS output data images that are not routed to either ADRSS, SPS, AFEMS or DLATS will be placed in the SIFS HOLD DATA RECORD. The frequency with which these images are dispatched will be based on the user specified value of the SIFS-HOLD-MAX-IMAGES. Each time SIFS writes an SBSS data image to the SIFS HOLD DATA RECORD, the SIFS-HOLD-MAX-IMAGES is checked against the SIFS-HOLD-COUNT. If the SIFS-HOLD-COUNT is at 75 percent of the SIFS-HOLD-MAX-IMAGES, SIFS will automatically start a dispatch run. Users may have to adjust the threshold values to assure optimum processing. Users must decide if the SIFS dispatch processor is running too often. If it is, then the threshold values should be adjusted upward to allow more images to collect before a dispatch run. If SIFS is not executing often enough, then users should lower the threshold count. See Para. 4.62. for guidelines on assigning the threshold counts.

4.17.2.4. Transfer Media. Tells SIFS how to transfer images that are non-DDN bound but go outside of the SBSS (for example, SPS. Users can select the media used to transfer these images. The transfer media code is stored on the SIFS-HEADER-RECORD in the TYPE-BCAS-XFER field. User can elect to transfer these images by: (E)lectronic transmission, (F)ile, or floppy (D)isk.

4.17.2.5. SIFS Save. Each time SIFS dispatches a file, a copy of that file is written to elements as follows: (GANG)GV0\*SIFS-SAVE.NGV250/DATETIME, (GANG)GV0\*SIFS-SAVE.TRIC/DATETIME etc.

#### **4.18. SIFS Inhibit Flags.**

4.18.1. General. The SIFS Inhibit Flags provide users with control over a variety of SIFS events. Users can toggle these flags ON or OFF. Users should exercise care when using these options, since delayed processing of images could result. Flags are toggled on by entering a Y in the appropriate field and toggled off by entering an \* in the appropriate field. See 1JA format for specific options.

4.18.2. User Options. Users can toggle these flags ON or OFF at any time by processing TRIC 1JA (see [Para 4.61](#)). Once the appropriate flag has been set, the applicable images will NOT be automatically processed by SIFS. Instead, these images will be queued until the user elects to process these images. Users are discouraged from setting these flags unless a legitimate condition exists that warrants use of the inhibit flags. Inhibit flags can cause one or all of the following conditions:

4.18.2.1. Data images could be routed to volatile flat-files.

4.18.2.2. User intervention and manual dispatching increases.

4.18.2.3. Increased chance of lost or delayed data images.

#### ***Section 4D— SIFS Utilities***

**4.19. Overview.** SIFS utilities are a miscellaneous collection of programs and routines that assist the user by providing a set of tools to tailor SIFS to meet local processing requirements. These

tools provide the user with the means to ‘force’ certain events or, to override current SIFS settings temporarily for the duration of a specific processing run. The DLATS reject management capability is only available through the ES-S system. See AFH 23-123, Vol 2, Pt 4, Ch 6 for the ES-S User’s Manual reference.

**4.20. Concept.** Each SIFS program or routine can be invoked by the user at any time. The user does this by using the demand run of SIFS utility and taking the option for the particular run they wish to process. This is done by keying in: @ADD 0GV00000\*GVSSGUD001.UTIL or by processing an @XQT 0GV00000\*GVABSUD001.NGV260.

#### ***Section 4E—Processing Of Stock Number Users Directory (SNUD) Data***

##### **4.21. Overview.**

4.21.1. General. The Stock Number User Directory (SNUD) is an Air Force Materiel Command (AFMC) operated data system located at HQ AFMC Wright Patterson AFB OH 45433-5001. The SNUD system provides automatic distribution of catalog management for stock numbers loaded at each base. This data arrives on base through DDN and is passed to the SBSS for processing. A full description of SNUD processing can be found in AFH 23-123, Vol 2, Pt 2, Ch 8.

4.21.2. SNUD OPR. At base level, SCM-R Records Maintenance Activity is the point of contact on all matters relating to SNUD processing.

4.21.3. SIFS Inbound SNUD Processing. The SIFS SNUD handler (program NGV243) in conjunction with program NGV230 (Master SIFS Inbound Dispatch Utility) provides an automated means for processing inbound SNUD images. Inbound SNUD data can basically be grouped into one of three areas with SIFS processing each group differently. The groups are:

4.21.3.1. SNUD data without an effective date is passed by SIFS to the pseudo for immediate processing.

4.21.3.2. SNUD data which has an effective date is held until the effective date is reached. The data images are stored on the 729 record (SIFS SNUD DATA IMAGE RECORD).

4.21.3.3. Interchangeable and Substitute (ISG) data used by program NGV404.

#### ***Section 4F—Outbound Processing***

**4.22. Overview.** This section describes how SIFS interfaces with the Automated Data Reports Submission System (ADRSS). A brief overview of the ADRSS system is also provided for purposes of clarity.

##### **4.23. Automated Data Reports Submission System (ADRSS).**

4.23.1. General. ADRSS is an offline batch utility system. The primary purpose of ADRSS is to prepare data reports generated by all Automated Data Systems (ADS) for offbase distribution. ADRSS will generate messages in the correct format for DDN transmissions.

4.23.2. Key files. See [Para 4.74](#). for a complete list of files that are essential to ADRSS processing.

4.23.3. SIFS Outbound. SIFS is the Supply interface that submits DDN bound Supply data to the ADRSS system (system code AA). ADRSS is responsible for translating data to a DDN acceptable format. SIFS will submit data to the ADRSS system based on the contents of the SIFS OUTPUT CONTROL RECORD (see [Para 4.57](#)). Normally, Supply data is submitted to the ADRSS system with minimal manual intervention. Under some instances, users may wish to introduce external Supply data to the ADRSS system. Introduction of external supply data is referred to as OFFLINE data submission.

4.23.3.1. Manual Submission using 2HQ. Authorized users can use TRIC 2HQ to submit images for later submission through SIFS. The 2HQ provides the capability to store 160-position images on the 2-HR-CARD record to transceive later to SIFS. SIFS makes disposition based upon the disposition code for the TRIC in positions 1-3 of the image stored. See [Para 4.63](#) for the 2HQ format.

4.23.3.2. Manual Submission through ES-S to DLATS. Authorized users can use ES-S to submit transactions directly to DLATS for subsequent routing (bypassing the normal SIFS/ADRSS process). Users must be authorized privileges against the “FBDLATS” DoDAAC in ES-S (FBDLATS is internal to ES-S, it is not a real DoDAAC for use in any other system). ES-S will not derive any field values or edits for transactions submitted through this method so all values must be entered IAW the applicable transaction format.

4.23.3.2.1. Single transactions. Single transactions can be input through the ES-S general purpose screen. The General Purpose processing capability must also be assigned. FBDLATS must be selected first and then ES-S will allow any transaction image to be entered. Upon submission the image will be placed in the DLATS queue for forwarding to DLATS.

4.23.3.2.2. Multiple Transactions. Transactions can also be submitted directly to DLATS in batch. Users are authorized to submit batches through ES-S to DLATS when they have the “FBDLATS” DoDAAC and the Batch capability assigned. “DLATS” should be entered in the first 4 positions of any transaction being sent directly to DLATS (that is, use DLATS in lieu of a specific base SRAN in each image in the .txt file being used to batch process transactions). See the ES-S User’s Manual for more information.

4.23.4. Routing Outbound Transactions through ES-S. Outbound Transactions can be routed through ES-S instead of the normal SIFS/ADRSS process. ES-S will then pass the transactions directly to Stock Control System (SCS) or to the DLATS for processing. Most transactions will simply pass through ES-S to DLATS, but selected transactions will actually be subject to additional processing. For example, A0A/A01 transactions will pass through the ES-S Automatic Lateral Support (Sourcing) logic. Other transactions may be transformed into the new Defense Logistics Management System (DLMS) formats prior to being passed to DLATS.

4.23.4.1. The ES/S TRIC UPDATE (Screen 1TT/183) is used to List (L), Add (A), or Change (C) the transaction identifiers that should be routed through ES-S. Outbound transactions should only be routed through ES-S as directed by AFMC SCM-R Information Technology Activity (that is, the use of Screen 1TT to add or change transaction routing must be coordinated through AFMC SCM-R Information Technology Activity). The entire transaction identifier does not need to be entered, i.e., “A0” can be used to route all transactions that begin with “A0” through ES-S (i.e.,

A01/A02/A04/A05/A0A/A0B/A0D/A0E). Partial transaction identifiers should be used with caution and they should NOT be used when the individual complete transaction identifiers are more appropriate. Do NOT use partial and complete transaction identifiers for the same type of transactions together. For example, do NOT enter “AFX” and “AF” together. Either use “AF” to route all transactions that begin with “AF” through ES-S or list each transaction separately (AF1, AFC, AFX, etc). The 1TT transaction can only be processed through the main RPS console (Function 057).

4.23.4.2. All transactions that are routed through ES-S will be recorded in the ES-S ATC. Transactions submitted through ES-S to DLATS are still subject to DLATS edits. Transactions that do not pass DLATS edits and result in Narrative rejects will be returned to ES-S where they will be displayed in the DLATS Narrative Rejects area of ES-S.

**Table 4.1. DLMS / MILS Transaction Cross Reference Table.**

<b>DLMS Transaction</b>	<b>SBSS DIC/TRIC</b>	<b>Inbound Outbound</b>	<b>Notes:</b>
180M	FTC	I / O	
180M	FTE, FTF, FTT	O	
511M	AM1, AM2, AM4, AM5, AMA, AMB, AMD, AME	I / O	
511R	A01, A02, A04, A0A, A0B, A0D	I / O	
511R	A0E, A05	O	Exception Requisitions are sent to DLA only
527D	DWA	I / O	Priority is set to constant of '06'
527R	DRA,DRB	O	
527R	DRF, DXB	I	DRF - Mode of Shipment codes are converted from MILS to DLMS codes.
812L	FTB	I	
812R	FAE, FAF, FTP	O	
842AW	CD4, CD5	O	ESS SDR transactions
856R	FTM	O	
856S	AS1, AS2, AS4, AS6, AU1, AU2	I / O	Mode of Shipment codes are converted from MILS to DLMS codes.
856S	AS3, AS8	O	Mode of Shipment codes are converted from MILS to DLMS codes.

856s	AU1, AU2	I	Mode of Shipment codes are converted from MILS to DLMS codes.
869A	AF1, AFC	I / O	
869A	AFT	O	
869F	AT1, AT2, AT4, AT5, AT7, ATA, ATB, ATD, ATE, ATG	O	
869	AC1, AK1	I / O	
870M	FT6, FTD, FTQ, FTR, FTZ	I	
870M	FTL	O	
870S	AE1, AE2, AE3, AE4, AE5, AE9	I	
940R	A21, A2A, A22, A2B, A2D, A24, A2E, A41, A44, A4A, A4B, A4D	I	
940R	AC6	I / O	
940R	AF6	I	
940R	AFX, AFZ	O	
940R	CMOS Advance Shipment Notification	O	Cargo Movement Transactions create 940R

**Table 4.2. DLMS to MILS Sequence-MILS to DLMS Sequence.**

DIC/SBSS TRIC	DLMS Transaction	Inbound Outbound	Notes:
AC1	869	I / O	
AC6	940R	I / O	
AE1, AE2, AE3, AE4, AE5, AE9	870S	I	
AF1, AFC	869A	I / O	
AFT	869A	O	
AFX, AFZ	940R	O	
AF6	940R	I	
AK1	869	I / O	
AM1, AM2, AM4, AM5, AMA, AMB, AMD, AME	511M	I / O	

AS1, AS2, AS4, AS6	856S	I / O	Mode of Shipment codes are converted from MILS to DLMS codes.
AS3, AS8	856S	O	Mode of Shipment codes are converted from MILS to DLMS codes.
AT1, AT2, AT4, AT5, AT7, ATA, ATB, ATD, ATE, ATG	869F	O	
AU1, AU2	856S	I / O	Mode of Shipment codes are converted from MILS to DLMS codes.
A01, A02, A04, A0A, A0B, A0D	511R	I / O	
A0E, A05	511R	O	Exception Requisitions are sent to DLA only
A21, A2A, A22, A2B, A2D, A24, A2E, A41, A44, A4A, A4B, A4D	940R	I	
CD4, CD5	842AW	O	ESS SDR transactions
CMOS Advance Shipment Notification	940R	O	Cargo Movement Transactions create 940R
DRA, DRB	527R	O	
DRF, DXB	527R	I	DRF - Mode of Shipment codes are converted from MILS to DLMS codes.
DWA	527D	I / O	Priority is set to constant of '06'
FAE, FAF	812R	O	
FTB	812L	I	
FTC	180M	I / O	
FTD	870M	I	
FTE, FTF	180M	O	
FTL	870M	O	
FTM	856R	O	Mode of Shipment codes are converted from MILS to DLMS codes.
FTP	812R	O	
FTQ, FTR, FTZ	870M	I	



FTT	180M	O	
FT6	870M	I	

**4.24. System Responsibilities.** The ADRSS Monitor at the host DMC is the main OPR on the ADRSS system. The ADRSS Monitor at the DMC has ultimate control over all input/output to/from ADRSS. At a minimum, the ADRSS Monitor must coordinate report certification, data retransmissions, error/contingency processing, any routing changes, and any changes to any item connected with Supply data processing. If the above items are closely coordinated, this will assure a smooth operation of the ADRSS system. The results of ADRSS processing must be viewed as soon as possible. This will allow any necessary corrections and resubmission of reports in a timely manner. If any error conditions exist that prevent the submission of Supply data to ADRSS, it is imperative that the ADRSS monitor notify Supply as soon as possible. It is recommended that a written agreement between Supply and the ADRSS monitor be established which outlines all responsibilities. Good communication between the ADRSS monitor and the SIFS Gang Monitor is integral to smooth operations.

#### **4.25. Routing Information Changes.**

4.25.1. Overview. The routing information comes from offbase distribution instructions in documentation from the functional user system producing a data report. It is the responsibility of the receiving activity to notify users of the correct routing information required to successfully transceive the report.

THE ADRSS MONITOR AT THE DMC IS RESPONSIBLE FOR REVIEWING THE DOCUMENTATION FOR ALL NEW SYSTEMS AND TO REVIEW ALL RELEASE PACKAGES TO DETERMINE CHANGES TO BE MADE TO THE ROUTING INFORMATION.

4.25.2. SIFS Operations. The SIFS Gang Monitor is the main OPR for the SBSS SIFS system. The SIFS Gang Monitor has control over supply data items going to the ADRSS system. The Supply SIFS Gang Monitor must coordinate with the ADRSS monitor on:

4.25.2.1. Any problems related to submission of data to the ADRSS system.

4.25.2.2. Any changes required on routing information.

4.25.2.3. Any changes to SBSS filename(s) that interface with ADRSS.

4.25.2.4. DDN tracer action(s).

4.25.2.5. Error/contingency processing.

**4.26. Communications Procedures.** Source Documents. Communications procedures are accomplished in accordance with AFI 33-112, *Information Technology Hardware Asset Management* and AFI 33-113, *Managing Air Force Messaging Centers*.

#### **4.27. Description of the DLA Transaction Services (DLATS).**

4.27.1. Overview. DLATS is a real-time computer system with communication lines directly linked to DDN. DLATS has been designed to effectively utilize DDN services, thereby allowing it to route and pass logistics traffic. In effect, DLATS serves as a relay station, passing data along to its final destination.

4.27.2. Function of DLATS. DLATS receives, processes, and forwards designated transactions (DICs) to the appropriate destination(s). Transactions that are narrative

exception/supplemental data cannot be processed by DLATS but can be processed by DDN. SIFS will submit DLATS -bound Supply data to the ADRSS system. The ADRSS system then passes this data directly to DLATS via DDN. Currently DLATS will not accept any data images greater than 80 characters in length.

4.27.3. Destination Communications Routing Indicators. DLATS Logistics traffic should be addressed to the correct DLATS terminal for the base's geographic location. If the user decides that there is a need to change the DLATS terminal, then DLATS require at least 5 days notification. Within the CONUS, this may be determined by the first four positions of the base's routing indicator and adding ZZA. For activities outside of CONUS, contact the local communications center. SIFS will use the information stored on the SIFS header record and on the output SIFS control records.

4.27.4. Content Indicator Code. Content Indicator Codes (CICs) that can be used by bases are outlined in Annex B of JANAP 128. At the option of the base, CIC of IAZZ may be used without regard to the type of document. In this case, a mix of MILSTRIP, MILSTRAP and Finance FT(x) or FA(x) transactions may be included in the same message within the same precedence. Separate messages are NOT required for the submission of different CICs. DLATS will accept messages with either the record count or in the record field of the message header. The count, however, MUST appear in the EOT image. ADRSS will automatically generate this information for all SBSS data that is DLATS bound. The following CICs are used by SIFS: The CIC is required to be assigned prior to effecting transmission of data when the data content is defined with a standard CIC. To find a CIC, see JANAP 128, Annex I.

**Table 4.3. Content Indicator Codes.**

<b>ORIGINAL TRANSMISSION:</b>	
<b>CONTENT INDICATOR CODE</b>	<b>REMARKS</b>
IAZZ	DLATS Transmission
ZYUW	Narrative Message
ZYVW	Service Message
<b>RETRANSMISSION:</b>	
<b>CONTENT INDICATOR CODE</b>	<b>REMARKS</b>
ZDKW	Retransmission
ZELX	Corrected Copy
ZFD	Suspected Duplicate
ZFGY	Exact Duplicate
ZYUW	Narrative message
ZDGW	Accuracy doubtful, correction or confirmation pending.

#### 4.28. ADRSS Message Preparation.

4.28.1. DLATS. See DLATS Manual **DoD 4000.25-10-M**. Text headers and text trailers will not be included. DLATS permits the combination of different data types within the same message. The identity of the data is at record level. The content indicator code (CIC) and the COMM Routing Indicator (RI) in the ADRSS message header are the data elements which indicate that the message will be interrogated at record level. The data at record level indicates the destination ADS. The TO RI and the CIC are NOT defined with DLATS.

4.28.2. NON- DLATS. The ADRSS header will have all the information required by JANAP 128. (See [Para 4.70](#) for the format of an ADRSS header.) The ADRSS message headers do not uniquely identify the text contained within the message to the extent that it can be directed to a specific ADS for processing. Each data report (non- DLATS) prepared by ADRSS for transmission must have a text header.

4.28.2.1. Text Header. The text header is generated by ADRSS. Every data report prepared must have a text header for each message to be transmitted. The text header will be the first image of each message group. (See [Para. 4.70.](#) for a description of the text header.)

4.28.2.2. Text Trailer. Every data report that requires a text header must have a text trailer as the last record of the last message group prepared for the data report. The text trailer will immediately precede the DDN trailer (EOT) record.

4.28.3. Minimize Considered. When MINIMIZE is imposed, all logistics data routed by DLATS will CONTINUE to be transceived via DDN unless the message imposing MINIMIZE specifically includes logistics traffic. In that event, output data images will be sent via priority mail.

4.28.4. Invalid Data. Invalid data will cause DLATS rejects. These rejects will be returned to the originator of the message and placed in file (GANG)GV0<ALN><PLN>00\*NARRATIVE. Only those documents that rejected need to be reprocessed. The remainder of the returned messages, if any, have already been processed.

4.28.5. The contents of the NARRATIVE file are message packets of DLATS rejects that are returned to the SBSS account for correction and resubmission. Each packet is identified by the following identification entry: "ATTN: DOCUMENTS RETURNED AS RECEIVED. CORRECT AND RESUBMIT." Following the packet identification entry are the DLATS POC telephone information, images of the actual documents being returned, and a clear test explanation of the reason for the return of the documents.

4.28.5.1. The NARRATIVE file cannot be edited. Attempts to edit it will corrupt it and cause the ADRSS system to lock and abort. To use the NARRATIVE file, the SBSS SIFS monitor must catalog a SBSS work file and then copy the NARRATIVE file into it. The NARRATIVE file contains all images returned from DLATS, both Supply and Accounting & Finance. After the NARRATIVE file is copied into the SBSS work file it can be deleted. This file must be worked daily to minimize delays in retransmitting priority requisitions and other valid supply transactions through DLATS. The rejected images must be made available to the responsible section within LRS/Materiel Management Activity or Accounting & Finance for correction. The SBSS work file should be used for that purpose. The corrected data images should be extracted and copied into

(GANG)GV0<ALN><PLV>00\*VGV237. And retransmitted to DLATS via GV237MDR or option 17 or the SIFS utility menu.

4.28.6. Data Retransmittals. If users require data packets to be retransmitted, then users should contact the ADRSS Monitor. The ADRSS Monitor can use the retransmittal subsystem to selectively extract data from the Cumulative History File (VAAHSTU).

**4.29. ADRSS/SIFS Interface (File Specifications).** All Supply files submitted to ADRSS for processing must comply with the following limitations:

4.29.1. Must have an ADRSS control record (see [Para 4.70](#)) as the first record in the file, or it must be accompanied by an override ADRSS control record.

4.29.2. Logical record length must be fixed between 80 and 1200 characters.

### ***Section 4G—Inbound Processing***

#### **4.30. ADRSS II.**

4.30.1. ADRSS II processes all inbound messages. ADRSS places the inbound data images for each ADS in the appropriate files. These files are specified in the DISN Collect Incoming FTP/DISN file (CID). ADRSS will place Supply messages into 0GV0<ALN><PLN>00\*VGV230. SIFS reads the SIFS gang file to determine which gangs are active at that site and performs the following:

4.30.2. SIFS Inbound. Once ADRSS has passed all the Supply messages to SIFS, the following actions occur:

4.30.2.1. Program NGV230A. The gang parameter images identify which gangs are active at the base.

4.30.2.2. Once program NGV230A has determined which Gangs are active at that base, NGV230A takes the 'raw' inbound images from the file 0GV0<ALN><PLN>00\*VGV230. (ADRSS II places all Supply inbound images in the file 0GV0<ALN><PLN>00\*VGV230.). Copies of the 'raw' data are placed in gang unique files (that is, ?GV0\*GV230UD001. Where ? = primary gang number). A file will be created for each Gang Parameter Input Image provided to NGV230.

4.30.2.3. Program NGV230A builds ECL and starts concurrent runs for each Gang configured.

4.30.2.4. If the database is available, NGV230A will read and load the following records to tables internal to NGV230A, which reduces I/O's and possible database conflicts:

**Table 4.4. NGV230A Records and Their Functions.**

RECORD READ	FUNCTION
734 INBOUND-EQUATE	Tells SIFS where each TRIC has its routing information.
722 SIFS-HEADER	Tells SIFS user/program options that are set.
001 BASE-CONSTANTS-1	Provides SIFS the Base Constants data.

002 SPECIAL-CONTROL	Provides SIFS the SBSS Julian Date.
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4.30.2.5. Once SIFS has successfully read these records, SIFS is ready to dispatch the images.

4.30.2.6. To facilitate the dispatch process, NGV230 prepares the images to be dispatched. NGV230 will check to see if the 'raw' input data contains images for other gangs (done by examining the SRAN). If another gang is configured at that base, SIFS will discard the data for the other GANG (Remember each Gang received its own copy of this raw inbound data file.). If SIFS does not know what to do with any inbound data (that is, unidentified SRAN) the data will be placed in the residue file and a message will be sent to console 057. This file will also be reported on the SIFS EOD listing. Users will have to annotate the EOD list with any actions performed against that data (for example, sent back to data automation, 001 Record updated in case of a rehome, etc.).

4.30.2.7. During the dispatch process, program NGV230 builds a 720-CALC-KEY to fetch the Inbound Control Record. The 720-CALC-KEY consists of the destination SRAN and TRIC of the image to be dispatched. If no Inbound Control Record are loaded for the SRAN and TRIC, the image will be placed in Residue. If an Inbound Control Record is loaded, SIFS will use the routing information for the record to dispatch the inbound data image. See [Para 4.48](#).

#### ***Section 4H—Air Force Equipment Management System (AFEMS) Processing***

**4.31. Overview.** SIFS will collect inline AFEMS images for transfer via DDN to Wright Patterson AFB OH. AFEMS images are created and sent to the AFEMS area programmatically. Program NGV240O collects the images and dispatches them to ADRSS. NGV240O will be started when the AFEMS images collected are equal to or greater than 75% of the AFEMS threshold.

**4.32. AFEMS Stacking.** When the AFEMS thresholds have been met, images from the 748 record (AFEMS) will be read and written to file (GANG)GV0<ALN>\*1GV240. For ADRSS registration. In the event that the AFEMS threshold is met and status has not been returned from ADRSS on a previous run, a message will be sent to the console typeout, and the SIFS HUD file will reflect an error, as follows:

4.32.1. FROM THE CONSOLE TYPE OUT

4.32.2. (GANG)GV0<ALN>\*(D24801 or 1GV240) (CYCLE NUMBER)

4.32.3. DOES NOT HAVE GOOD TRANSMISSION STATUS

4.32.4. WHEN FILE IS SUCCESSFULLY SENT TO AFEMS

4.32.5. CLEAR AFEMS INHIBIT FLAG TO RESTART JOB

4.32.6. FROM THE SIFS HISTORY FILE

4.32.7. PROGRAM STARTED WITH RUNID OF [(GANG)GV240],

4.32.8. (GANG)GV0\*1GV240. (PREVIOUS CYCLE NUMBER) HAS BAD STATUS - JOB ABORTED.

4.32.9. The images for the second run will remain on the AFEMS record along with any subsequent images for AFEMS. Once status has been received by ADRSS the user must execute GV240ODR from the UTILITY menu to flush the AFEMS record. This process is known as AFEMS STACKING. Program NGV787 (D24) works on the same principal. If a previous cycle of (GANG)GV0\*1GV240. Or (GANG)GV0<ALN>\*D24801. (D24) did not receive a good transmit status (TF), the program will error and display that cycle number on the console and the SIFS HUD file.

**4.33. AFEMS Password Process.** Occasionally the user will have to retrigger files with ADRSS using the DTE screen (DTE). This entry requires users to specify the qualifier, file name, sequence number, cycle number, and file length. If any of the entries are in error, ADRSS will pass an error notice to the SIFS SUD file. If this happens, the next AFEMS outbound run will error due to a previous cycle. Users can request a control number and password that will correct that entry from the Supply Systems Control Center. See trouble reporting, **Ch 2**.

**4.34. Updating AFEMS Status.** Once you receive a control number and password go into the SIFS utility option 16. Locate the entry number of the file that has the error status. Next, on the input line enter 'C?' (? = line number of the file being updated). You will then be asked to enter your 10 digit control number, next enter your password. The SUD file status screen should now reflect (TF) status for the AFEMS entry indicated in the change command.

### ***Section 4I—SPS Interface Processing***

**4.35. Overview.** This section describes the SBSS-SPS interface. Each component in the SBSS-SPS link will be discussed and any actions or responsibilities required by the SBSS will be discussed. The objective of the SBSS/SPS interface is to successfully transfer data images to/from the SBSS/SPS with minimal user intervention.

#### **4.36. General.**

4.36.1. SPS System Application. The Standard Procurement System SPS is a functionally dedicated computer system which supports the Base Contracting Office (BCO). The SPS system provides the BCO with automation capabilities required to fully support the local purchase activity at base level. A part of this support is an interaction with the SBSS (via SIFS) through the U2200 to pass demands to contracting and to receive status from these demands. This interaction may occur by tape, electronic transfer, ADRSS Search and Move (SAM), or by floppy disk.

4.36.2. SPS System Organization. SPS is a functionally dedicated base-level system located in the BCO. A Wang computer is used to support SPS processing in the BCO. The system operates in an office environment, and it is used to support local purchase requirements for the acquisition of supplies and services.

#### **4.37. Data Transfer Methods.**

4.37.1. SPS Electronic Data Transfer. The SPS/SBSS interaction that requires the least amount of user intervention and is far more reliable, is the electronic transfer. The electronic transfer requires the SPS to be connected to a port on the U2200. A specific SPS-SITE-ID allows data to be transferred between SPS using nine thousand remote (NTR) protocol. By using NTR protocol, data is sent to SPS. Data is received from SPS as though it were read

from a remote input device. All communications between the SPS and the U2200 will be initiated on the SPS system by the BCO. When a communications session becomes active, all data files queued to the BCAS SITE-ID will be transferred to the SPS for batch processing by SPS. Data transferred from the Wang to the U2200 is accomplished by a batch run initiated by SPS (run-ID 0LQR0A).

4.37.2. SAM Data Transfer. When using SAM to interface with SPS, make the following changes to the SIFS's Header record by using the 1JA screen 547.

4.37.2.1. Blank the BCAS-SITE-ID.

4.37.2.2. Change the BCAS TYPE XFER to 'F'. Have the ADRSS monitor load your SPS output file name: (G)GV0\*GV232OUD(SRAN). To the SAM control table.

4.37.3. Non-Electronic Data Transfer. Under some circumstances, the electronic transfer may not be possible. For example, the hardware configuration may not support electronic transfer, the hardware may be broken, or there may be other limiting factors. In any of these events, data can be passed to and from SPS either by magnetic tape or floppy disk.

4.37.3.1. Tape Transfer. If tape is used, the BCO will generate an 'ALQBSS' tape. This tape will be given to the supporting DMC for processing. To transfer the data from tape to disk, the LQ system monitor at the DMC will run program NLQ220 against the ALQBSS tape.

4.37.3.2. Floppy Diskette Transfer. The SPS Wang computer is capable of reading and writing to a standard MS-DOS formatted diskette. This allows both the SPS and SBSS to transfer data using a microcomputer. If this method is used, local processing procedures must be developed to ensure proper control of diskettes is maintained to prevent data loss. Any questions on this should be directed to your local BCO.

**4.38. System Responsibilities.** Good communications are essential to have effective SBSS-to-SPS and SPS-to-SBSS data image transfers. The LRS CC/AO appoints a SBSS/SPS Monitor which possesses knowledge of SBSS/SPS processes. Responsibilities of the SBSS/SPS monitor are as follows:

4.38.1. Establish good communications with the BCO, SPS (LQ) System Monitor and the SIFS Monitor.

4.38.2. Provide the SIFS monitor with the proper SPS site-ID, SPS type transfer and the desired SPS image threshold count. Notify the SIFS monitor immediately when changes are required.

#### ***Section 4J— SIFS User Files***

**4.39. Overview.** This section explains SIFS User files, their importance and significance to overall SIFS operations. This section also describes methods that allow users to manage and manipulate the data in these files.

#### **4.40. User Files.**

4.40.1. SIFS User files give users the capability to direct specified TRICs or program output to a file of their choice. User files should be used when:

4.40.1.1. Users want to “hold” images to be input at a later date.

4.40.1.2. Users want to use the images as input data into another program, such as R32 or a locally developed SURGE.

4.40.2. SIFS User files should NOT be used to create a local safety backup of ALL images. SIFS will handle recovery/contingency procedures. Storing a copy of all images handled by SIFS into a local user file is a duplication of effort and an abuse of system resources.

4.40.3. Filenaming Conventions for SIFS User Files. SIFS will NOT perform extensive edits on filenames entered by users. This provides users with the flexibility to tailor SIFS to local requirements. Users should try to use meaningful SIFS User filenames. The U2200 Executive has certain criteria that must be satisfied before a file can be cataloged to the Master File Directory (MFD). For a discussion of the Master File Directory, see [Para 4.77](#).

4.40.4. Managing SIFS User Files. Users should understand that flat files can be volatile. This basically means that data stored in these files can easily be lost, destroyed or corrupted. There are many reasons why your data may be destroyed (e.g., operator error, power fluctuations, disk crash, and so forth). However, care and attention to detail can eliminate or significantly reduce the chance of problems.

4.40.5. Potential Error Conditions.

4.40.5.1. Recoverable Errors. If SIFS finds that User file specified on the Control Record is not cataloged to the Master File Directory (MFD), SIFS will catalog the file and then write the images to the file. If SIFS finds that the User file does not have sufficient track size, then SIFS will first free the file and then reassign the file with additional tracks.

4.40.5.2. Nonrecoverable Errors. If another run has exclusive control of the file, or if the file is hardware disabled, SIFS will queue those images destined for the file. SIFS will then generate a message informing the user that the user file was unavailable. Users will then have to manually release the file.

4.40.6. Disk Management. It is very important that users carefully monitor disk usage. Users must periodically clean up their files and remove those elements that are no longer needed. Users can remove unneeded elements by deleting files identified by an asterisk using the @PACK command. The best way to compute file sizes is to do the following:

4.40.6.1. @PRT,TL Qualifier\*Filename.

4.40.6.2. Number of Words = Text Size \* 28

4.40.6.3. 1792 Words = 1 Track

4.40.6.4. Number of Tracks = Number of Words / 1792

#### ***Section 4K— SIFS/SBSS Degraded Mode Processing***

**4.41. Overview.** This section provides an overview of disaster types that users may encounter. A brief evaluation of cause and effect is provided for each disaster type identified. Users should understand that this section is not an exhaustive description of potential error or disaster situations. Local variations preclude an exhaustive coverage. The second part of this section describes



various degraded processing modes and what the user can do to minimize and work-around degraded processing modes.

#### **4.42. SIFS Degraded Mode Processing.**

4.42.1. General. The SIFS gang monitor will be the main point of contact for SIFS degraded mode processing. LGLOS will provide assistance and technical expertise as required. The main objective is to maintain the health of the materiel management Account and to ensure minimal impact on the processing of materiel management status and requisitions.

4.42.2. Degraded Modes of Processing. The SIFS Gang monitor must determine the level of degraded mode processing.

4.42.3. Status Code A. When the system is down due to power failure, weather conditions, or major ADPE/software failure, SIFS processing will resume once the system becomes operational. If excessive downtime is expected, then users must coordinate with their host DMC for alternate processing procedures.

4.42.4. Status Code B. When TIP processing is not available, use the SIFS stand-alone utilities for any SIFS processing that must be accomplished.

4.42.5. Status Code C. If the SBSS database is not available, use the SIFS stand-alone utilities for any SIFS processing that must be accomplished.

4.42.6. Degraded Operations Procedures. If each of the above conditions continue for an extended period of time, Degraded Operations procedures are most likely in effect. Any images that have to be sent out should be given to the SIFS gang monitor. Users should generate these images using either a standard text editor or and ASCII word processor. If a word processor, such as WORD for WINDOWS, WordPerfect, or WORDSTAR is used to generate data images, ensure that the file containing the data images are in plain ASCII format. Users may have to export the data images to an ASCII file to ensure there are no embedded control characters (i.e., tabs, carriage control characters, etc.). Consult the appropriate word processing manual for steps to accomplish this

### ***Section 4L—SIFS Residue Processing***

**4.43. Overview.** SIFS Residue files are designed to ensure that any Inbound/Outbound images that could not be identified or dispatched are cleared in a timely manner. The SIFS Residue files are extremely important and should be cleared as soon as possible. This section provides detailed instructions on how to review and clear SIFS residue images from the files. Guidance is also provided on how to prevent inbound and output images from being placed in residue hold.

#### **4.44. SIFS Residue Records.**

4.44.1. General. The SIFS Residue files are created for each Inbound or Output file when a corresponding SIFS Control Record cannot be found. SIFS dispatch jobs form a CALC KEY which consists of both the SRAN and the TRIC or the SRAN and the Program Number (Batch). Using this CALC Key, Inbound and Output runs will make an attempt to fetch the corresponding SIFS Control Record. If the SIFS Control Record cannot be found, the image to be dispatched will be written to the appropriate Inbound or Output SIFS Residue file.

4.44.2. Responsibilities. LGLOS is responsible for ensuring that all SIFS residue images are cleared as soon as possible. For management reasons, SIFS residue images are considered DELINQUENT after 24 hours and require immediate action. All SIFS Residue images will be reported on the SIFS EOD Report and will automatically be deleted if they are over 10 days old.

#### **4.45. Concept.**

4.45.1. Any records placed in residue will be reported on the SIFS EOD Report. LGLOS will review the Residue portion of the SIFS EOD Report to ensure users clear residue records in a timely manner. Any actions performed against the SIFS Residue Records will be reported by user-ID on the next SIFS EOD Report.

4.45.2. Residue Records fall into the following general categories:

4.45.2.1. Those images that belong to the SBSS, but SIFS did not know what to do with them because no corresponding SIFS Control Record was loaded.

4.45.2.2. Those Materiel management images that do not belong to any account(s) at that base (misrouted data).

4.45.2.3. Those images that do not belong to Materiel management (e.g., Medical Systems, Finance, etc.).

#### **4.46. Miscellaneous.**

4.46.1. Users can view the SIFS Residue files at any time. See **Para. 4.65.** through **Para. 4.66.** for more detailed information on IRD and ORD processing.

4.46.2. The primary keys for transactions relating to the SIFS Residue are as follows:

4.46.2.1. TRIC - for TIP images

4.46.2.2. Program number - for Batch images

4.46.2.3. - see Inbound Residue Record Format -

4.46.2.4. // inbound packet can be deleted or treated as a whole //

#### **4.47. Clearing Residue Images.**

4.47.1. Inbound Residue Records (Applicable). Users must review the Inbound Residue data images very carefully (Utility option 12 ). If users determine that the residue records are good data images and that they apply to that base, then users should:

4.47.1.1. Inquire the following records:

4.47.1.1.1. SIFS Inbound Control Record. See **Para 4.55.**

4.47.1.1.2. SIFS Inbound Equate Record. See **Para 4.59.**

4.47.1.2. If these records are missing users need to load these records for the appropriate SRAN/TRIC. Once these actions have been completed and the new records have been validated, users can now clear that Inbound residue.

4.47.2. Inbound Residue Records (nonapplicable). Once users have reviewed the Inbound Residue data images and decide that the data does NOT apply to that base, then users must further decide if the data is Supply or Non-Supply.

4.47.2.1. Supply Data. If the data is Supply data, but does not apply to that base, then the user must contact the base that the data applies to.

4.47.2.2. Non-Supply Data. If the data is not Supply data the user should return this data to the DMC ADRSS monitor as soon as possible. In both cases, users should try to determine why they received the wrong data. Users should have the DMC check their files. If all SIFS and ADRSS file are set-up correctly and you cannot determine who the data belongs to, call the DLATS help desk at DSN: 986-3564/3247.

4.47.2.3. Output Residue Records. All Output Residue Records are applicable to that base. The vast majority of Output Residue Records are most likely missing an Output SIFS Control Record.

4.47.2.4. Special Instruction for AN(x). If you receive TRIC AN(x) in the Inbound Residue file, follow the steps below:

4.47.2.5. Separate all AN(x) images from residue and put them in another file.

4.47.2.6. Sort AN(x) images by SRAN, positions 32-35.

4.47.2.7. Save file(s) by SRAN.

4.47.2.8. Create an AN9 header record for each packet.

4.47.2.9. Send file back to DLATS for proper distribution.

4.47.2.10. Special Instruction for ASH. If you receive TRIC ASH in the Inbound Residue file, delete these images from the residue file. The SBSS is not programmed to process TRIC ASH.

#### 4.48. SIFS Programs.

4.48.1. Purpose. To provide SBSS users with a quick reference of the programs used in the SIFS process.

4.48.1.1. SIFS absolutes are located in the following file 0GV00000\*GVABSUD001.

**Table 4.5. SIFS Absolutes in file 0GV00000\*GVABSUD001.**

<b>PROGRAM NUMBER</b>	<b>REFERENCE PROGRAM TITLE</b>
NGV230A	Inbound Data Image Handler/Preparation
NGV230B	Inbound Gang Processor
NGV232O	SBSS-to-BCAS Data Image Handler
NGV237C	SIFS ADRSS Distribution (CUD) File Viewer
NGV237D	SIFS Local Distribution (DUD) File Viewer
NGV237E	SIFS Dispatch Routing Processor (DUD)
NGV237F	SIFS/ADRSS Routing Processor (CUD)
NGV237M	Manual ADRSS Processor

NGV237N	Manual Dispatch Processor
NGV237X	Outbound ADRSS Batch Processor
NGV239	Transaction History File Viewer
NGV240	History File Report Processor
NGV240O	Outbound AFEMS Processor
NGV241	SIFS Header Demand Viewer
NGV243	SNUD Data Image Handler
NGV244	CUD File Multiple Entry Processor
NGV245	DUD File Multiple Entry Processor
NGV246	SIFS Inbound Residue Handler
NGV247	SIFS Outbound Residue Viewer
NGV250H	SIFS Hold Data Image Handler
NGV251	SIFS REROUTE Driver
NGV252	Output Control File Processor
NGV253	SIFS SUD File Viewer
NGV260	SIFS Demand Utility Processor

4.48.1.2. SIFS absolutes in the file TIP\$\*TIPABSS\$.

**Table 4.6. SIFS Absolutes in the file TIP\$\*TIPABSS\$.**

<b>PROGRAM NUMBER</b>	<b>REFERENCE PROGRAM TITLE</b>
NGV241I	Inbound SIFS Control Update (TRIC: 1JC)
NGV241O	Output SIFS Control Update (TRIC: 1JD)
NGV241E	SIFS Inbound-Equate Update (TRIC: 1JB)
NGV241H	SIFS Header Update (TRIC: 1JA)
NGV250	Master SIFS Output Data Image Dispatcher

#### **4.49. SIFS ECL and SSG Files.**

4.49.1. Purpose. To provide SBSS users with a quick reference for those ECL and SSG elements used in the SIFS system.

4.49.1.1. The following are SIFS ECL in the file 0GV00000\*GVSSGUD001.

**Table 4.7. SIFS ECL in file 0GV00000\*GVSSGUD001.**

<b>ELEMENT</b>	<b>ELEMENT IDENTIFIER NAME</b>
GV230ADR	SIFS Inbound Dispatch Run
GV230BDR	SIFS Inbound Gang Processor
GV231DR	SIFS CONTROL RECORD PROCESSOR
GV231DR-A	SIFS SELECT CTRL RCD PROCESSOR
GV232ODR	Outbound BCAS Batch Processor
GV237XDR	SIFS/ADRSS Dispatch Run
GV240ODR	Outbound AFEMS Batch Processor
GV240DR	Daily Transaction History Report
GV250DR	SIFS Output Dispatch Run (All Outbound Jobs)
GV250HDR	SIFS Hold Dispatch Run
GV237MDR	SIFS Manual ADRSS Processor
GV237NDR	SIFS Manual Dispatch Processor

**4.50. SIFS Files.**

4.50.1. Purpose. To provide SBSS users with a quick reference for those flat files used in the SIFS system. Users should provide their host DMC with a copy of this list.

4.50.2. Format.

**Table 4.8. Format.**

<b>FILE NAMES</b>	<b>FUNCTION</b>	<b>NOTES</b>
?GV0*GV230AUD001.	SIFS Gang :Data images	Note 1, 3
?GV0*GV232OUD(SRAN).	SIFS OUTBOUND :BCAS INTERFACE FILE	Note 1, 3
?GV0*GV233NUD700.	SIFS Narrative File Viewer	Notes 1, 2, 3
?GV0*GV246IRD700.	SIFS Inbound Residue Data Processor	Note 1, 2, 3
?GV0*GV247ORD700.	SIFS Outbound Residue Data Processor	Note 1, 2, 3
?GV0*GV230BUD004.	SIFS Inbound PSEUDO File	Note 1, 3
?GV0*GV237CUD700.	SIFS Reports Distribution File (CUD)	Note 1, 2, 3
?GV0*GV237DUD700.	SIFS Local Distribution File (DUD)	Note 1, 2, 3
?GV0*GV252OCR700.	SIFS Outbound Control Record Viewer	Note 1, 2, 3
?GV0*GV239HUD700.	SIFS History File Viewer	Note 1, 2, 3

0GV0<ALN><PLN>00*VGV230.	Raw Inbound SBSS Data Images	Note 2
?GV0<ALN><PLN>00*VGV237.	Outbound DLATS Images	Note 1, 3
<b>Note:</b> 1. This file is a data file which does not contain individual elements. 2. This file is in MSAM format. The user cannot edit this file using normal Unisys editors (e.g., ED, CTS, IPF). 3. This is a gang unique file, where ? is the primary gang number.		

#### 4.51. Quick Reference List of SIFS Database Records.

4.51.1. Purpose. To provide SBSS users with a quick reference for those database records used in the SIFS system. Definitions for each of the database records is contained in **Ch 12**. The reference listed below refers to AFH 23-123 to where the record is documented.

4.51.2. Format.

**Table 4.9. Quick Reference List of SIFS Database Records.**

RECORD NUMBER	RECORD NAME	REFERENCE
720	SIFS-INBOUND-CONTROL	AFH 23-123, Vol 2, Pt 3
721	SIFS-OUTPUT-CONTROL	AFH 23-123, Vol 2, Pt 3
722	SIFS-HEADER	AFH 23-123, Vol 2, Pt 3
723	SIFS-DLATS-HEADER	AFH 23-123, Vol 2, Pt 3
724	SIFS-DLATS-ADRSS	AFH 23-123, Vol 2, Pt 3
725	SIFS-NON-DLATS-HEADER	AFH 23-123, Vol 2, Pt 3
727	SIFS-SNUD-HEADER	AFH 23-123, Vol 2, Pt 3
728	SIFS-SNUD-DATE-HEADER	AFH 23-123, Vol 2, Pt 3
729	SIFS-SNUD-IMAGE	AFH 23-123, Vol 2, Pt 3
730	SIFS-D040-HEADER	AFH 23-123, Vol 2, Pt 3
731	SIFS-D040-IMAGE	AFH 23-123, Vol 2, Pt 3
732	SIFS-404-HEADER	AFH 23-123, Vol 2, Pt 3
733	SIFS-404-ISG-IMAGES	AFH 23-123, Vol 2, Pt 3
734	SIFS-INBOUND-EQUATE	AFH 23-123, Vol 2, Pt 3
735	SIFS-BCAS-HEADER	AFH 23-123, Vol 2, Pt 3
736	SIFS-OUTBOUND-BCAS-IMAGE	AFH 23-123, Vol 2, Pt 3
737	SIFS-BCAS-INBOUND-HEADER	AFH 23-123, Vol 2, Pt 3

738	SIFS-BCAS-INBOUND-IMAGE	AFH 23-123, Vol 2, Pt 3
739	ACKNOWLEDGE-HEADER	AFH 23-123, Vol 2, Pt 3
740	BCAS-ACKNOWLEDGE	AFH 23-123, Vol 2, Pt 3
741	SIFS-RESIDUE-HEADER	AFH 23-123, Vol 2, Pt 3
742	SIFS-OUTPUT-RESIDUE	AFH 23-123, Vol 2, Pt 3
743	SIFS-INBOUND-RESIDUE	AFH 23-123, Vol 2, Pt 3
744	SIFS-DLATS-ACKNOWLEDGE	AFH 23-123, Vol 2, Pt 3
745	SIFS-TRANS-HISTORY	AFH 23-123, Vol 2, Pt 3
747	SIFS-AFEMS-OUTBOUND-HEADER	AFH 23-123, Vol 2, Pt 3
748	SIFS-AFEMS-OUTBOUND-IMAGE	AFH 23-123, Vol 2, Pt 3
751	SIFS-HOLD-RECORD	AFH 23-123, Vol 2, Pt 3

#### 4.52. Quick Reference List Of SIFS Related Publications.

4.52.1. Purpose. To provide SBSS users with a quick reference for those publications that provide reference materiel for inputs/outputs to the SIFS system.

4.52.2. Format.

**Table 4.10. Quick Reference of SIFS Related Publications.**

SUBJECT	REFERENCE
AF Form 2011, <i>Base Supply ADPE Work Request</i>	AFH 23-123, Vol 2, Pt 2, Ch 5
Record Formats	AFH 23-123, Vol 2, Pt 3
DIREPs	<b>Ch 4, Para. 4.7.1.1</b>
Reporting Problems (SBSS Control Center phone calls)	<b>Ch 2</b>
Authorized DDN Data	AFI 33-113

#### 4.53. Hard-Coded Inbound TRICS.

4.53.1. Purpose. To provide a list of TRICs which are internally routed to the pseudo processor by program NGV230. No Inbound Equate or Control records are required.

**Table 4.11. Inbound TRICs.**

TRIC	START POS	NUMBER OF POS	ROUTE BY	ROUTE TO

A2(x)	77	4	SRAN	PSEUDO
A4(x)	77	4	SRAN	PSEUDO
BF7	77	4	SRAN	PSEUDO
FTR	32	4	RID	PSEUDO
XCA	4	3	RID	PSEUDO
XCD	4	3	RID	PSEUDO

***Section 4M—Standardize Settings FOR SIFS Control Tables***

**4.54. Standardize Settings For SIFS Control Tables.**

4.54.1. Purpose. To provide a table of TRICs supported by the new SIFS standardization process.

4.54.2. Terms.

4.54.2.1. TRIC: Identifies TRICs received through Inbound SIFS.

4.54.2.2. EQUATE: Routing fields for Inbound Equate record.

4.54.2.3. CRTL RCD: Tell if the TRIC has an Inbound Control record (Yes/No).

4.54.2.4. PSU/FILE: Identifies the disposition of each image (P-PSEUDO/F-FILE).

4.54.2.5. OPR: Identifies what section is responsible for managing each TRIC

**Table 4.12. SIFS Equate and Inbound Control Table.**

TRIC	EQUATE	CRTL RCD	PSU/ FILE	FILENAME	OPR	NOTE
1BA	32-4-S	YES	P		DFAS	
1BC	32-4-S	YES	P		DFAS	
1BD	32-4-S	YES	P		DFAS	
1BE	32-4-S	YES	P		DFAS	
1BF	32-4-S	YES	P		DFAS	
1BG	32-4-S	YES	P		DFAS	
1BH	32-4-S	YES	P		DFAS	
1BJ	32-4-S	YES	P		DFAS	
1BN	32-4-S	YES	P		DFAS	
1BQ	32-4-S	YES	P		DFAS	
1BR	32-4-S	YES	P		DFAS	



1BT	32-4-S	YES	P		DFAS	
1BW	32-4-S	YES	P		DFAS	
1DA	32-4-S	YES	P		DFAS	
1DB	32-4-S	YES	P		DFAS	
1DC	32-4-S	YES	P		DFAS	
1DR	32-4-S	YES	P		DFAS	
1ED	77-4-S	YES	P		LGRM	
1ET	87-4-S	YES	P		LGRM	
1FN	32-4-S	YES	P		DFAS	
1GC	32-4-S	YES	P		DFAS	
1GM	32-4-S	YES	P		DFAS	
1VU	32-4-S	YES	P		DFAS	
7H7	14-4-S	YES	P		LGRM	
7MS	4-3-R	YES	F	*SRAN-LGRM	LGRM	
99S	47-4-S	YES	P		LGRM	
A01	4-3-R	YES	P		LGRM	
A02	4-3-R	YES	P		LGRM	
A04	4-3-R	YES	P		LGRM	
A05	4-3-R	YES	P		LGRM	
A0A	4-3-R	YES	P		LGRM	
A0B	4-3-R	YES	P		LGRM	
A0D	4-3-R	YES	P		LGRM	
A0E	4-3-R	YES	P		LGRM	
A21	INTERNAL	NO	P		LGRM	Note 1
A22	INTERNAL	NO	P		LGRM	Note 1
A24	INTERNAL	NO	P		LGRM	Note 1
A25	INTERNAL	NO	P		LGRM	Note 1
A2A	INTERNAL	NO	P		LGRM	Note 1
A2B	INTERNAL	NO	P		LGRM	Note 1
A2D	INTERNAL	NO	P		LGRM	Note 1
A2E	INTERNAL	NO	P		LGRM	Note 1

A41	INTERNAL	NO	P		LGRM	Note 1
A42	INTERNAL	NO	P		LGRM	Note 1
A44	INTERNAL	NO	P		LGRM	Note 1
A45	INTERNAL	NO	P		LGRM	Note 1
A4A	INTERNAL	NO	P		LGRM	Note 1
A4B	INTERNAL	NO	P		LGRM	Note 1
A4C	INTERNAL	NO	P		LGRM	Note 1
A4D	INTERNAL	NO	P		LGRM	Note 1
A4E	INTERNAL	NO	P		LGRM	Note 1
AB1	4-3-R	YES	P		LGRM	
AB2	4-3-R	YES	P		LGRM	
AC1	4-3-R	YES	P		LGRM	
AC2	4-3-R	YES	P		LGRM	
AC3	4-3-R	YES	P		LGRM	
AC4	4-3-R	YES	P		LGRM	
AC5	4-3-R	YES	P		LGRM	
AC6	4-3-R	YES	P		LGRM	
ADJ	4-3-R	YES	P		LGRM	
AE1	32-4-S	YES	P		LGRM	
AE2	32-4-S	YES	P		LGRM	
AE6	32-4-S	YES	P		LGRM	
AE9	32-4-S	YES	P		LGRM	
AF1	4-3-R	YES	P		LGRM	
AF2	4-3-R	YES	P		LGRM	
AF3	4-3-R	YES	P		LGRM	
AF4	4-3-R	YES	P		LGRM	
AF5	4-3-R	YES	P		LGRM	
AF6	4-3-R	YES	P		LGRM	
AFC	4-3-R	YES	P		LGRM	
AM1	32-4-S	YES	P		LGRM	
AM2	32-4-S	YES	P		LGRM	

AM4	32-4-S	YES	P		LGRM	
AM5	32-4-S	YES	P		LGRM	
AMA	32-4-S	YES	P		LGRM	
AMB	32-4-S	YES	P		LGRM	
AMC	32-4-S	YES	P		LGRM	
AMD	32-4-S	YES	P		LGRM	
AME	32-4-S	YES	P		LGRM	
AN1	32-4-S	YES	P		LGRM	
AN2	32-4-S	YES	P		LGRM	
AN9	32-4-S	YES	P		LGRM	
ANZ	32-4-S	YES	P		LGRM	
AS1	32-4-S	YES	P		LGRM	
AS2	32-4-S	YES	P		LGRM	
AU1	4-3-R	YES	P		LGRM	
AU2	4-3-R	YES	P		LGRM	
B91	32-4-S	YES	P		LGRM	
B92	32-4-S	YES	P		LGRM	
B93	32-4-S	YES	P		LGRM	
B94	32-4-S	YES	P		LGRM	
B95	32-4-S	YES	P		LGRM	
B96	32-4-S	YES	P		LGRM	
B97	32-4-S	YES	P		LGRM	
BBS	0-0-T	YES	P		LGRM	
BDD	0-0-T	YES	P		LGRM	
BDE	0-0-T	YES	P		LGRM	
BDJ	0-0-T	YES	F	*SRAN-LGRM	LGRM	
BDL	INTERNAL	NO	P		LGRM	Note 2
BDM	INTERNAL	NO	P		LGRM	Note 2
BDR	INTERNAL	NO	P		LGRM	Note 2
BDS	0-0-T	YES	F	*404-INPUT	LGRM	
BDT	INTERNAL	NO	P		LGRM	Note 2

BF7	INTERNAL	NO	P		LGRM	Note 2
BKA	32-4-S	YES	P		DFAS	
BKB	32-4-S	YES	P		DFAS	
BMA	INTERNAL	NO	P		LGRM	Note 2
BMB	INTERNAL	NO	P		LGRM	Note 2
BMC	INTERNAL	NO	P		LGRM	Note 2
BMD	INTERNAL	NO	P		LGRM	Note 2
BME	0-0-T	YES	P		LGRM	
BMS	INTERNAL	NO	P		LGRM	Note 2
BPA	INTERNAL	NO	P		LGRM	Note 2
BPB	INTERNAL	NO	P		LGRM	Note 2
BPC	INTERNAL	NO	P		LGRM	Note 2
BV2	0-0-T	YES	F	*SRAN-LGRM	LGRM	
BV3	0-0-T	YES	F	*SRAN-LGRM	LGRM	
BV4	0-0-T	YES	P		LGRM	
BV5	0-0-T	YES	F	*SRAN-LGRM	LGRM	
BV7	0-0-T	YES	F	*SRAN-LGRM	LGRM	
BV8	0-0-T	YES	P		LGRM	
BV9	0-0-T	YES	F	*SRAN-LGRM	LGRM	
BVB	0-0-T	YES	F	*SRAN-LGRM	LGRM	
BVC	0-0-T	YES	F	*SRAN-LGRM	LGRM	
BVD	0-0-T	YES	P		LGRM	
BE	0-0-T	YES	P		LGRM	
BVG	0-0-T	YES	F	*SRAN-LGRM	LGRM	
BVL	0-0-T	YES	P		LGRM	
BVM	0-0-T	YES	P		LGRM	
BVN	0-0-T	YES	P		LGRM	
BVP	0-0-T	YES	P		LGRM	
BVR	0-0-T	YES	P		LGRM	
BVS	0-0-T	YES	F	*404-INPUT	LGRM	
BVT	0-0-T	YES	P		LGRM	

BVX	0-0-T	YES	F	*SRAN-LGRM	LGRM	
CCS	32-4-S	YES	P		DFAS	
D6A	4-3-R	YES	P		LGRM	
DRF	32-4-S	YES	P		LGRM	
DSF	71-4-S	YES	P		LGRM	
DSR	71-4-S	YES	P		LGRM	
DWA	67-3-R	YES	F	*SRAN-LGRM	LGRM	
DXB	4-3-R	YES	P		LGRM	
DZE	0-0-T	YES	P		LGRM	
DZG	4-3-R	YES	F	*SRAN-LGRM	LGRM	
EDD	32-4-S	YES	P		LGRM	
FA1	32-4-S	YES	P		DFAS	
FA2	32-4-S	YES	P		DFAS	
FAR	4-3-R	YES	P		DFAS	
FAS	4-3-R	YES	P		DFAS	
FB1	32-4-S	YES	P		DFAS	
FB2	32-4-S	YES	P		DFAS	
FC1	32-4-S	YES	P		DFAS	
FC2	32-4-S	YES	P		DFAS	
FD1	32-4-S	YES	P		DFAS	
FD2	32-4-S	YES	P		DFAS	
FE3	32-4-S	YES	P		DFAS	
FE4	32-4-S	YES	P		DFAS	
FF1	32-4-S	YES	P		DFAS	
FF2	32-4-S	YES	P		DFAS	
FG1	32-4-S	YES	P		DFAS	
FG2	32-4-S	YES	P		DFAS	
FH1	32-4-S	YES	P		DFAS	
FH2	32-4-S	YES	P		DFAS	
FIS	32-4-S	YES	P		DFAS	
FJ1	32-4-S	YES	P		DFAS	

FJ2	32-4-S	YES	P		DFAS	
FJR	32-4-S	YES	P		DFAS	
FJS	4-3-R	YES	P		DFAS	
FK1	32-4-S	YES	P		DFAS	
FK2	32-4-S	YES	P		DFAS	
FL1	32-4-S	YES	P		DFAS	
FL2	32-4-S	YES	P		DFAS	
FN1	32-4-S	YES	P		DFAS	
FN2	32-4-S	YES	P		DFAS	
FP1	32-4-S	YES	P		DFAS	
FP2	32-4-S	YES	P		DFAS	
FQ1	32-4-S	YES	P		DFAS	
FQ2	32-4-S	YES	P		DFAS	
FS1	32-4-S	YES	P		DFAS	
FS2	32-4-S	YES	P		DFAS	
FT4	32-4-S	YES	F	*SRAN-LGRM	LGRM	
FT6	32-4-S	YES	P		LGRM	
FTB	32-4-S	YES	P		DFAS	
FTD	32-4-S	YES	P		LGRM	
FTQ	32-4-S	YES	P		LGRM	
FTR	INTERNAL	NO	P		LGRM	Note 1
FTZ	32-4-S	YES	P		DFAS	
FW1	32-4-S	YES	P		DFAS	
FW2	32-4-S	YES	P		DFAS	
FX1	32-4-S	YES	P		DFAS	
FX2	32-4-S	YES	P		DFAS	
GA1	32-4-S	YES	P		DFAS	
GA2	32-4-S	YES	P		DFAS	
GAR	32-4-S	YES	P		DFAS	
GAS	32-4-S	YES	P		DFAS	
GB1	32-4-S	YES	P		DFAS	

GB2	32-4-S	YES	P		DFAS	
GC1	32-4-S	YES	P		DFAS	
GC2	32-4-S	YES	P		DFAS	
GD1	32-4-S	YES	P		DFAS	
GD2	32-4-S	YES	P		DFAS	
GE3	32-4-S	YES	P		DFAS	
GE4	32-4-S	YES	P		DFAS	
GG1	32-4-S	YES	P		DFAS	
GG2	32-4-S	YES	P		DFAS	
GQ1	32-4-S	YES	P		DFAS	
GQ2	32-4-S	YES	P		DFAS	
GX1	32-4-S	YES	P		DFAS	
GX2	32-4-S	YES	P		DFAS	
LCC	32-4-S	YES	P		LGRM	
LPA	32-4-S	YES	P		LGRM	
LPS	32-4-S	YES	P		LGRM	
LPX	32-4-S	YES	P		LGRM	
CSAG-S	INTERNAL	NO	P		LGRM	Note 2
TEX	68-4-S	NO		FOR SNUD	AFMC SCM-R Information Technology Activity	
TMA	4-3-R	YES	P		LGRM	
XCA	INTERNAL	NO	P		LGRM	Note 1
XCD	INTERNAL	NO	P		LGRM	Note 1
XCH	4-3-R	YES	F	*SRAN-LGRM	LGRM	
XE5	70-4-S	YES	F	*SRAN-LGRM	LGRM	
XE6	70-4-S	YES	P		LGRM	
XJE	33-4-S	YES	P		LGRM	
XSE	35-4-S	YES	P		LGRM	

XSF	30-4-S	YES	P		LGRM	
XSI	21-4-S	YES	P		LGRM	
XSJ	6-4-S	YES	P		LGRM	
XT3	32-4-S	YES	F	*SRAN-LGSCWW	LGSCW	
XTA	32-4-S	YES	P		LGSCW	
XXR	41-4-S	YES	P		LGRM	
<b>Note:</b> 1. TRIC hard-coded to go directly to the PSEUDO. No EQUATE or INBOUND CONTROL record required. 2. See Para. 4.68.						

### **Section 4N—SIFS Outbound Records**

#### 4.54.3. SIFS Outbound Records.

#### 4.54.4. Terms:

4.54.4.1. TRIC: Identifies TRICs sent out through SIFS for which a outbound control record is required.

4.54.4.2. R/T: Where to send image.

4.54.4.2.1. (A)FEMS

4.54.4.2.2. (B)CAS

4.54.4.2.3. (D)AAS

4.54.4.2.4. (U)SER FILE

4.54.4.3. OPR: Identifies what section is responsible for managing each TRIC.

4.54.4.4. FILE TYPE: Identifies how the images are stored in specified file.

4.54.4.4.1. A = Append

4.54.4.4.2. E = Element

4.54.4.5. FILENAME: Identifies which file to save images to.

**Table 4.13. SIFS Outbound Records.**

TRIC	R/T	OPR	FILE TYPE	FILENAME
1CU	B	LGRM		
1IC	D	LGRM		
1LH	B	LGRM		



1LP	B	LGRM		
1RA	B	LGRM		
1SH	U	CAMS	E	*SRAN-CAMS
7K6	D	LGRM		
7LF	D	LGRM		
99S	D	LGRM		
9IT	D	LGRM		
9QK	D	LGRM		
9QN	D	LGRM		
A01	D	LGRM		
A02	D	LGRM		
A03	D	LGRM		
A04	D	LGRM		
A05	U	LGRM	E	*SRAN-LGRM
A0A	D	LGRM		
A0B	D	LGRM		
A0C	D	LGRM		
A0D	D	LGRM		
A0E	U	LGRM	E	*SRAN-LGRM
A6X	D	LGRM		
AC1	D	LGRM		
AC2	D	LGRM		
AC3	D	LGRM		
AC4	D	LGRM		
AC5	D	LGRM		
AE1	D	LGRM		
AE2	D	LGRM		
AE3	U	LGRM	E	*SRAN-LGRM
AE4	D	LGRM		
AE5	D	LGRM		
AE6	D	LGRM		

AE9	D	LGRM		
AF1	D	LGRM		
AF2	D	LGRM		
AFC	D	LGRM		
AFT	D	LGRM		
AK1	D	LGRM		
AK2	D	LGRM		
AK3	D	LGRM		
AK4	D	LGRM		
AK5	U	LGRM	E	*SRAN-LGRM
AM1	D	LGRM		
AM2	D	LGRM		
AM4	D	LGRM		
AM5	U	LGRM	E	*SRAN-LGRM
AMA	D	LGRM		
AMB	D	LGRM		
AMD	D	LGRM		
AME	U	LGRM	E	*SRAN-LGRM
AP1	D	LGRM		
AP2	D	LGRM		
AP3	D	LGRM		
AP4	D	LGRM		
ARC	U	LGRM	E	*SRAN-LGRM
AS1	D	LGRM		
AS2	D	LGRM		
AS3	D	LGRM		
AS4	D	LGRM		
AS6	D	LGRM		
AS8	D	LGRM		
ASZ	D	LGRM		
AT1	D	LGRM		

AT2	D	LGRM		
AT4	D	LGRM		
AT5	U	LGRM	E	*SRAN-LGRM
AT7	U	LGRM	E	*SRAN-LGRM
ATA	D	LGRM		
ATB	D	LGRM		
ATD	D	LGRM		
ATE	U	LGRM	E	*SRAN-LGRM
B71	D	LGRM		
B72	D	LGRM		
B73	D	LGRM		
B74	D	LGRM		
B75	D	LGRM		
B7A	D	LGRM		
B7B	D	LGRM		
B7C	D	LGRM		
B7D	D	LGRM		
B7E	D	LGRM		
B9A	D	LGRM		
B9B	D	LGRM		
B9K	D	LGRM		
B9L	D	LGRM		
B9M	D	LGRM		
B9N	D	LGRM		
B9P	D	LGRM		
B9Q	D	LGRM		
B9R	D	LGRM		
B9S	D	LGRM		
B9U	D	LGRM		
B9Y	D	LGRM		
B9Z	D	LGRM		

BA0	U	LGRM	E	*SRAN-GSMS
BDF	D	LGRM		
BDG	D	LGRM		
BDH	D	LGRM		
BL0	D	LGRM		
BL7	D	LGRM		
BSU	U	LGRM	E	*SRAN-LGRM
BVA	D	LGRM		
BVU	D	LGRM		
BZ3	D	LGRM		
BZ4	D	LGRM		
BZ9	D	LGRM		
BZA	D	LGRM		
BZB	D	LGRM		
BZD	D	LGRM		
BZE	D	LGRM		
BZF	D	LGRM		
BZG	D	LGRM		
BZH	D	LGRM		
BZI	D	LGRM		
BZJ	D	LGRM		
BZK	D	LGRM		
BZL	D	LGRM		
BZM	D	LGRM		
BZN	D	LGRM		
BZP	D	LGRM		
BZQ	D	LGRM		
BZR	D	LGRM		
D6S	D	LGRM		
DRA	D	LGRM		
DRB	D	LGRM		

DSM	D	LGSPC		
DWA	D	LGRM		
DZF	D	LGRM		
FRC	U	LGRM	E	*SRAN-LGRM
FTC	D	LGRM		
FTE	D	LGRM		
FTF	D	LGRM		
FTL	D	LGRM		
FTM	D	LGRM		
FTR	D	LGRM		
FTT	D	LGRM		
SSC	U	LGRM	E	*SRAN-LGRM
WLC	U	LGSPC	A	(G)GV0*GV837UD700.
XCC	D	LGRM		
XCE	D	LGRM		
XCP	D	LGRM		
XE4	D	LGRM		
XFA	D	LGRM		
XGC	D	LGRM		
XGF	A	LGRM		
XGH	A	LGRM		
XGI	A	LGRM		
XGJ	A	LGRM		
XGL	A	LGRM		
XHA	A	LGRM		
XJL	A	LGRM		
XJU	A	LGRM		
XSA	A	LGRM		
XSK	A	LGRM		
XXX	D	LGRM		

**4.55. Inbound SIFS Control Record Update.**

4.55.1. Purpose. To create and maintain the SIFS INBOUND-CONTROL record in a DMS/UDS TIP environment. SIFS programs will dispatch images arriving on base through DDN (that is, the ADRSS II (AA) system), based on the contents of this record.

4.55.2. Input Processing. This data image may be input through TIP Screen 544, 051, or through pseudo processing (NGV221B). **Note:** TIP screen 051 is normally used if there is an open DIREP against screen 544.

4.55.3. Input Restrictions. AFMC SCM-R Information Technology Activity /main system or any SBSS terminal and a valid user-ID/password. Users should also note that this TRIC (1JC) may be controlled locally through SBSS terminal security.

4.55.4. Output. If the input is successful, there is no output; otherwise, one of the following reject/management notices is output: 001, 179, 712, 713, 714, or 799.

4.55.5. Input Format and Entry Requirements.

**Table 4.14. Input Format and Entry Requirements.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code(TRIC)	1JC
4	1	Action Code	Note 1, 10
5-7	3	Inbound TRIC	Note 2
8-11	4	Inbound SRAN	Note 3
12	1	Pseudo Load Flag	Note 4
13-22	10	OPR Data	Note 5
23	1	Data/Element Flag	Note 6
24-48	24	User File	Note 7
49	1	Variable Length Flag	Note 8
50-52	3	Inbound Record Length	Note 9
53-60	8	Blank	
61-75	15	Authorization Number	Note 10
<b>Note:</b> <b>1.</b> Action Code (position 4). The action code identifies the type transaction to be performed: <ul style="list-style-type: none"> <li>a. A - (A)dd new Inbound SIFS Control Record</li> <li>b. C - ©hange existing Inbound SIFS Control Record</li> <li>c. D - (D)elite existing Inbound SIFS Control Record</li> <li>d. I - (I)nquire Inbound SIFS Control Record</li> </ul>			

This field CANNOT be blank.

**2.** Inbound TRIC (positions 5-7). This field forms the first part of the 720-CALC-KEY. It is used by any SIFS programs which need to fetch the Inbound SIFS Control Record. Users can enter any inbound TRIC (that is, enter the TRIC/DIC for those data images that you normally receive through BLAMES). See **Ch 3** for a list of valid SBSS TRICs. This field CANNOT be blank.

**3.** Inbound SRAN (positions 8-11). This field forms the second part of the 720-CALC-KEY. It is used by any SIFS programs which need to fetch the Inbound SIFS Control Record. Users must enter the numeric four-position SRAN as it appears on the 001 record (Base-Constants-1 Record, see **Ch 5**). By default, the system designator/SRAN that your terminal is signed on to will be used if this field is left blank.

**4.** Pseudo Load Flag (position 12). Enter a P in this position if you want inbound images with this TRIC to be loaded to pseudo. Otherwise, leave this field blank.

**5.** OPR Code (positions 13-22). The OPR code identifies the owner of inbound images with this TRIC. This code is printed on all significant transactions that affect this TRIC. Valid entries for this field may include an office symbol (that is, LGRM, LGSD, etc.). This field CANNOT be blank.

**6.** Data/Element Flag (position 23). This field identifies how the inbound images are stored in the file specified in positions 30-54. The following are valid entries:

- a. E - (E)lement
- b. F - (F)ile overwrite (if this option is used, each time inbound images are written to the file, they overwrite existing images.)
- c. A - (A)ppend (if this option is used, each time inbound images are written to the file, they are added to the end of the file.)

Users should be consistent on the Data/Element Flag settings if the same file is specified for more than one TRIC. This field CANNOT be blank if an entry was made in positions 24-48.

**7.** User File (Positions 24-48). Enter a valid qualifier\*filename. If you want a copy of inbound images with the TRIC specified in positions 5-7 to be placed in a file. READ/WRITE keys on the file are NOT permitted. Also users must ensure that a PUBLIC file is specified. All USER FILENAMES should follow the format below. **Note:** SIFS creates this file if it does not already exist on the system. This field CANNOT be blank if an entry is made in position 23.

[Gang]GV0\*SRAN-OPR. (EXAMPLE: 1GV0\*3300-LGSM.)

**8.** Variable Length Flag (position 49). If the inbound data image with this TRIC is greater than 80 positions in length, enter a Y in this field; otherwise, leave blank.

**9.** Inbound Record Length (positions 50-52). If you entered a Y in position 49, enter a three-position record length; otherwise, leave blank.

By default, a record length of 080 will be used.

**10.** Authorization Number (positions 61-75). This field is used to prevent user from modifying SIFS control prior to receiving approval from AFMC SCM-R Information Technology Activity. This field can be blank when using the inquire option.

#### **4.56. Inbound SIFS Control DPS Screen.**

4.56.1. Purpose. To provide users with a sample of the Inbound SIFS Control Display Processor (DPS) screen 544.

4.56.2. Inbnd/544.

4.56.2.1. TRIC : 1JC

4.56.2.2. ACTION CODE : \_                      ©hange (D)elete (A)dd (I)nquiry

4.56.2.3. INBOUND TRIC : \_\_\_\_

4.56.2.4. INBOUND SRAN : \_\_\_\_

4.56.2.5. PSEUDO FLAG : \_                      (P)seudo (\*) To clear flag

4.56.2.6. OPR CODE : \_\_\_\_\_

4.56.2.7. DATA ELEMENT FLAG : \_ (E)lement (D)ELETE (A)ppend (\*) To clear flag

4.56.2.8. USER FILE : \_\_\_\_\_

4.56.2.9. VARIABLE LENGTH FLAG : \_                      (Y)es (\*) To clear

4.56.2.10. INBOUND RECORD LENGTH : \_\_\_\_

4.56.2.11. AUTHORIZATION NUMBER:

#### **4.57. Output SIFS Control Record Update.**

4.57.1. Purpose. To create and maintain the SIFS OUTPUT-CONTROL record in a DMS TIP environment. SIFS programs dispatch images output from SBSS application programs based on the contents of this record.

4.57.2. Input Processing. This data image may be input through TIP screens 545, 051, or through pseudo processing (NGV221B). Pseudo processing (NGV221B) requires coordination with the AFMC SCM-R Information Technology Activity. **Note:** TIP screen 051 is normally used if there is an open DIREP against screen 545.

4.57.3. Input Restrictions. AFMC SCM-R Information Technology Activity /main system or any SBSS terminal and a valid user-ID/password. Users should also note that this TRIC (1JD) is controlled by AFMC SCM-R Information Technology Activity.

4.57.4. Output. If the input is successful, there is no output; otherwise, one of the following reject/management notices is output: 001, 179, 712, 713, 714, or 799.

4.57.5. Input Format and Entry Requirements.



**Table 4.15. Input Format and Entry Requirements.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code (TRIC)	1JD
4	1	Action Code	Note 1, 15
5-7	3	Output TRIC	Note 2
8-11	4	Output SRAN	Note 3
12-13	2	Sequence Number	Note 4
14	1	Routing Type	Note 5
15-17	3	Output Record Length	Note 6
18-27	10	OPR Code	Note 7
28	1	User File Type	Note 8, 9
29-53	25	User File	Note 9
54-59	6	File Size	Note 10
60	1	Type Routing	Note 11
61-73	13	Reports Control Symbol	Note 12
74-77	4	Content Indicator Code	Note 13
78	1	Priority	Note 14
79-93	15	Authorization Number	Note 15
<b>Notes:</b> 1. Action Code (position 4). The action code identifies the type transaction to be performed: <ul style="list-style-type: none"> <li>a. A - (A)dd new Output SIFS Control Record</li> <li>b. C - ©hange existing Output SIFS Control Record</li> <li>c. D - (D)eleate existing Output SIFS Control Record</li> <li>d. I - (I)nquire Output SIFS Control Record</li> </ul> <p>This field CANNOT be blank. If you specify a ©hange and you want to blank a particular field, place an asterisk (*) in the field you want to blank.</p> 2. Output TRIC (positions 5-7). This field forms the first part of the 721-CALC-KEY. It is used by any SIFS program that needs to fetch the Output SIFS Control Record. Users can enter any valid output SBSS TRIC. See Ch 3 for a list of valid SBSS TRICs. This field CANNOT be blank.			

3. Output SRAN (positions 8-11). This field forms the second part of the 721-CALC-KEY. It is used by any SIFS programs that need to fetch the Inbound SIFS Control Record. Users must enter the numeric four-position SRAN as it appears on the 001 record (for example, Base Constants-1 Record, see Ch 5). If this field is left blank, the system designator/SRAN that your terminal is signed on to will be used by default.
4. Sequence Number (positions 12-13). The sequence number will stay constant 01.
5. Routing Type (position 14). Type routing identifies where the image will be directed: (A)FEMS, (B)CAS, (D)AAS, OR (U)SER FILE. See Ch 2 for a list of valid SBSS TRICs. This field CANNOT be blank.
6. Output Record Length (positions 15-17). Enter a three-position record length; otherwise, leave blank. By default, a length of 080 is used. This field is extremely important when these data images are going to be input to a batch report. For example, the record length for WLC output data images is 047. If you do not specify 047 for WLC data images, a record length of 080 is used. If a record length of 080 is used, the D38 report (Bin Label Output) will abort.
7. OPR Code (positions 18-27). The OPR code identifies the owner of the output images with this TRIC. This code is printed on all significant transactions that affect this TRIC. Valid entry for this field is the office symbol (for example, LGRM, LGSD, etc.). This field CANNOT be blank.
8. User File Type (position 28). This field identifies how the output images are stored in the file specified in positions 29-53. The following are valid entries:
  - a. E - (E)lement
  - b. F - (F)ile overwrite (if this option is used, each time output images are written to the file they will overwrite existing images).
  - c. A - (A)ppend (if this option is used, each time output images are written to the file they are added to the end of the file.)

Users should be consistent on the Data/Element Flag settings if the same file is specified for more than one TRIC. This field CANNOT be blank if an entry was made in positions 29-53.

9. User File (positions 29-53). Enter a valid Qualifier\*filename. If you want a copy of the output images with the TRIC specified in positions 5-7 to be placed in a file. READ/WRITE keys on the file are NOT permitted. Also users must ensure that a PUBLIC file is specified. All SIFS filenames should follow the format below. Note: SIFS creates this file if it does not already exist on the system. This field CANNOT be blank if an entry is made in position 28.

FILENAME FORMAT: (GANG)GV0\*SRAN-OPR.

ELEMENT NAME: TRIC/DATE TIME

EXAMPLE: 1GV0\*3300-LGRM.XCE/051512325814

DZG/051512323021

10. Output File Size (positions 54-59). Enter the number of tracks desired on your output file. The default size is 001000 tracks.
11. ADRSS Type Routing (position 60). Enter a D for DDN.
12. Reports Control Symbol (positions 61-74). The reports control symbol (RCS) identifies the report to the receiving base. The receiving base will key on the RCS to identify the packet arriving at that base. Note: The RCS cannot contain any special characters, embedded spaces, etc. This field CANNOT be blank if you made an entry in position 68 (that is, ADRSS Bound) AND position 69 is blank (that is, Non-DLATS routable data images). See AFP 700-16 for a complete list of valid RCS codes (your Admin Office should have a copy of this manual). Leave this field blank if you placed a Y in position 69 (DLATS Flag).
13. CIC (positions 75-79). The CIC is designed primarily for use by the receiving communications terminal as an aid in determining the distribution of data messages. (That is, the receiving Communications Center/DMC uses the CIC to identify the receiving activity of the incoming data images. The Communications Center/DMC processes inbound data images for ALL ADSs at that site. The CIC helps identify those AUTODIN packets that belong to supply, finance, or military personnel, etc.). The receiver of the data is responsible for identifying the correct CIC. This field CAN be blank.
14. Priority/Routine (position 80). This field is used to identify the transmission precedence of those data images that are to be sent off base through the DDN. Acceptable values are:
- a. P (Priority)
  - b. R (Routine)
  - c. @outine is the default.
15. Authorization Number (positions 81-95) This field is used to prevent user from modifying SIFS control prior to receiving approval from AFMC SCM-R Information Technology Activity. This field can be blank when using the inquire option.

**4.58. Output SIFS Control DPS Screen.**

4.58.1. Purpose. To provide users with a sample of the Output SIFS Control Display Processor (DPS) screen 545.

4.58.2. Output. /545.

Action Code : \_ Output TRIC : \_\_\_\_ Output SRAN : \_\_\_\_ Sequence Num:

Routing type : \_ (A)FEMS, (B)CAS, (D)ASS OR (U)SER FILE

OUTPUT RECORD LENGTH : \_\_\_\_ CHARACTERS

OPR CODE : \_\_\_\_\_

USER FILE TYPE : \_ (A)PPEND,(F)ILE OVERWRITE, OR (U)SER FILE

OUTPUT USER FILE : \_\_\_\_\_

OUTPUT FILE SIZE : \_\_\_\_\_ TRACKS

ADRSS TYPE ROUTING : \_ (D)DN,  
 REPORT CONTROL SYMBOL : \_\_\_\_\_  
 CONTENT INDICATOR CODE : :\_\_\_\_  
 PRIORITY TYPE : \_ (P)RORITY, OR @OUTLINE  
 AUTHORIZATION NUMBER

**Note:** For batch output: @ADD 0GV00000\*GVSSGUD001.

#### 4.59. SIFS Inbound Equate Record.

4.59.1. Purpose. To create and maintain the INBOUND SIFS EQUATE record in a DMS TIP environment. This record is used by SIFS on the distribution of inbound data images. It tells SIFS which fields to route on in the data image. Users will update this record only upon specific request by AFMC SCM-R Information Technology Activity. If SIFS does not find a corresponding entry in this field, it will put the image in residue.

4.59.2. Input Processing. May be processed using TIP screen 546, 051, or via pseudo processing (NGV221B).

4.59.3. Input Restrictions. AFMC SCM-R Information Technology Activity /main system or any SBSS terminal and a valid user-ID/password.

4.59.4. Output. NONE if input is successful; otherwise, one of the following reject/management notices will be output: 179, 712, 713, 714, 719, or 799.

4.59.5. Input Format and Entry Requirements.

**Table 4.16. Input Format and Entry Requirements.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code (TRIC)	1JB
4	1	Action Code	Note 1, 6
5-6	2	Blank	
7-9	3	Equate TRIC	Note 2
10-11	2	Blank	
12-14	3	Start Position of Field to Route On	Note 3
15-16	2	Blank	
17-19	3	Length of Field to Route On	Note 4
20	1	Blank	
21	1	Type Routing Identifier	Note 5
22-80	59	Blank	

81-95	15	Authorization Number	Note 6
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>The Action Code field cannot be blank. This code identifies the type transaction to be performed. <ol style="list-style-type: none"> <li>A - (A)dd new Inbound SIFS Equate Record</li> <li>C - ©hange existing Inbound SIFS Equate Record</li> <li>D - (D)eleate existing Inbound SIFS Equate Record</li> <li>I - (I)nquire Inbound SIFS Equate Record</li> </ol> </li> <li>The Equate TRIC field cannot be blank. This field forms the 734-CALC-KEY. (The TRIC is used by any SIFS programs that need to fetch the SIFS Inbound Equate Record. Users can enter any output TRIC). See Ch 3, for a list of valid SBSS TRICs.</li> <li>The Start Position of Field to Route On cannot be blank. This field tells SIFS where to start looking for routing data on an inbound data image. See Note 5 below.</li> <li>The Field Length cannot be blank. This field is used to identify the actual length of the routing field. Examples follow.</li> </ol>			

**Table 4.17. Field Length.**

ROUTING ON	FIELD LENGTH
SRAN	4
RIC	3
TEXT HEADER	4
<p>5. Type Routing Identifier field cannot be blank. This field identifies the type of routing data. The following are valid inputs for this field:</p>	

**Table 4.18. Routing Identifier Field.**

TYPE ROUTING IDENTIFIER	DEFINITIONS	REMARKS
S	4-digit SRAN	
R	3-position Routing Indicator Code	
T	Text-header (used with SNUD data)	Note 5a
N	SRAN in text-header	Note 5b
<p>a. Since Inbound SNUD TRICs do not actually contain any routing information (that is, SRAN, RIC, etc.), this routing information is actually contained within the TEXT HEADER for that inbound packet. In the case of</p>		

SNUD, this data is in the form of a SRAN and can be found in positions 68-71 of the TEXT HEADER. USERS MUST load a 1JB using TRIC TEX with start position 68, length 4, and type routing S.

b. A Type Routing Identifier of N should be used for SNUD TRIC codes which have an effective date. See section 4F for the list of SNUD TRIC codes which have an effective date. If you enter an N in this field, the Start Position of Field to Route On (positions 12-14) must contain the starting position of the five-digit effective date. The Field Length flag (positions 17-19) should contain 005, since this is the length of the ordinal date. If the SNUD data image does NOT have an ordinal date, then enter 000 in this field.

6. Authorization Number (positions 81-95). This field is used to prevent user from modifying SIFS control prior to receiving approval from AFMC SCM-R Information Technology Activity. An authorization number is mandatory when the Action Code on input is A, C, or D. This field can be blank when using the inquire option.

#### **4.60. Tip Output SIFS Data Image Dispatching.**

4.60.1. Purpose. To describe the logical flow of events during the dispatch of data images generated by TIP processing. Any images generated by an online TIP application program will be dispatched as follows:

4.60.1.1. The application program calls the SIFS Master Dispatch Utility (program NGV250) and passes the output data image and additional information which SIFS will use to build a CALC key the applicable SIFS-OUTPUT-CONTROL record.

4.60.1.2. Program NGV250 builds a 721-CALC-KEY to fetch the SIFS OUTPUT-CONTROL Record using the following information passed by the calling program:

4.60.1.2.1. The TRIC of the image to be dispatched

4.60.1.2.2. The SRAN (four numeric digits)

4.60.1.2.3. Routing Flag. This flag is blank unless the data image is SPS-bound or AFEMS-bound. If the image is for SPS the flag will be B. If the image is for AFEMS, the flag will be A.

4.60.1.3. If a 721-OUTPUT-CONTROL record cannot be found for the TRIC and SRAN in the CALC Key, SIFS will write the outbound image to the SIFS Outbound residue file. However, if the Routing Flag (position 8 of 721-CALC-Key) is an A, B, or D the image is automatically written to the SBSS database. Routing Flag A is written to an SIFS-AFEMS-OUTBOUND-IMAGE record, B is written to an SIFS-OUTBOUND-BCAS-IMAGE record, and D is written to an SIFS-DLATS-ADRSS record. If the data image to be dispatched belongs to a satellite account, SIFS will first attempt to fetch the output SIFS control record for that satellite. If there is a NO-FIND condition for the satellite account, then SIFS will next attempt to fetch the SIFS control record for the host (SD 01) account. If there is a NO-FIND condition for the 01 account, then SIFS will then write the output data image to the SIFS outbound residue file.

4.60.1.4. If the 721 record can be fetched using the 721-CALC-KEY, the control record is read and the output image is dispatched based on the contents of the control record.

4.60.1.5. Control is then returned to the application program which is called NGV250.

#### 4.61. SIFS Header Record Update

4.61.1. Purpose. To create and maintain the SIFS header record in a DMS/UDS TIP environment. SIFS programs will use this record during data dispatch processes.

4.61.2. Input Processing. This data image may be input via TIP screens 547, 051 or through pseudo processing (NGV221B).

4.61.3. Input Restrictions. AFMC SCM-R Information Technology Activity /Main system or any SBSS terminal and a valid user-ID/password.

4.61.4. Output. If input is successful - NONE; otherwise, the following reject/management notices may be output: 001, 179, 712, 713, 799.

4.61.5. Input Format and Entry Requirements.

**Table 4.19. Input Format and Entry Requirements.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1-3	3	Transaction Identification Code (TRIC)	1JA
4	1	Blank	
5	1	Action Code	Note 1
6-7	2	Blank	
8-9	2	System Designator	Note 2
10	1	Blank	
11	1	SUPPRESS SIFS Inbound	Note 3
12	1	Blank	
13	1	SUPPRESS SIFS Output	Note 4
14	1	Blank	
15	1	SUPPRESS ADRSS Interface	Note 5
16	1	Blank	
17	1	SUPPRESS BLAMES Interface	Note 6
18	1	Blank	
19	1	SUPPRESS Automatic Retransmittals	Note 7
20	1	Blank	
21	1	SUPPRESS BSS	Note 8

22	1	Blank	
23	1	SUPPRESS IEE	Note 9
24	1	Blank	
25	1	SUPPRESS SNUD	Note 10
26	1	Blank	
27	1	ISG Data (SNUD/404) Processing Flag	Note 11
28	1	Blank	
29	1	SUPPRESS SBSS to SPS	Note 12
30	1	Blank	
31	1	SUPPRESS SPS to SBSS	Note 13
32	1	Blank	
33	1	SUPPRESS D040 Data	Note 14
34-36	3	Blank	
37	1	SUPPRESS AFEMS Out	Note 15
38	1	Blank	
39	1	SPS Type Transfer Flag	Note 16
40	1	Blank	
41-46	6	SPS Site-ID	Note 17
47	1	Blank	
48-51	4	Host DMC Identifier	Note 18
52	1	Blank	
53-54	2	Host PLN Identifier	Note 19
55	1	Blank	
56	1	Zulu Time Difference (+/-)	Note 20
57	1	Blank	
58-59	2	Zulu Actual Hours Difference	Note 21
60	1	Blank	
61-63	3	AFEMS Threshold Transfer Count	Note 22
64-66	3	SPS Threshold Transfer Count	Note 23
67	1	Update Date of Last Review	Note 24
68	1	AFEMS Type Transfer Flag	Note 25



69	1	Blank	
70-76	7	DLATS Site-ID	Note 26
77-80	4	SIFS Hold Max Images	Note 27
80-85	6	ADRSS Threshold Count	Note 28
<p><b>Note:</b></p> <p>1. Action Code cannot be blank. The code identifies the type transaction to be performed. For example:</p> <ul style="list-style-type: none"> <li>a. A - (A)dd a SIFS Header Record</li> <li>b. C - ©hange a SIFS Header Record</li> <li>c. D - (D)elele a SIFS Header Record</li> <li>d. I - (I)nquire a SIFS Header Record</li> </ul> <p>2. The System Designator identifies the account that the SIFS header record belongs to. The SIFS header record is unique to each system designator. The SRAN for the system designator input will be stored in SIFS header record. This field may be blank when processing 1JA images over TIP screen 547. This field CANNOT be blank if these data images are input via batch mode processing or through pseudo. NGV241H (SIFS Header Record Update) will try to fetch header record based upon the input system designator. The following reject/management notices will be issued according to the following decision matrix:</p>			

**Table 4.20. Reject/Management Notice Decision Matrix.**

<b>ACTION</b>	<b>STATUS</b>	<b>REJECT/MGT</b>
(A)dd	No-Find	N/A
	Found	713 REJ
(C)hange	No-Find	712 REJ
	Found	N/A
(D)elele	No-Find	712 REJ
	Found	N/A
(I)nquiry	No-Find	712 REJ
	Found	N/A
<p>3. SUPPRESS SIFS Inbound. Enter a Y in this field if you do not want SIFS to automatically process inbound images. SIFS will still interface with BLAMES. Any inbound images will be queued until the user elects to process these inbound images. Enter an * to clear any inhibit flag already set.</p>		

4. SUPPRESS SIFS Output. Enter a Y in this field if you do not want SIFS to automatically process output images. If this option is set, all output images will be queued until the user elects to process these images. Enter an \* to clear any inhibit flag already set.
5. SUPPRESS ADRSS Interface. Enter a Y if you do not want SIFS to automatically send images to ADRSS. All ADRSS bound images will be queued until the user elects to release these images to ADRSS. Enter an \* to clear any inhibit flag already set.
6. SUPPRESS INBOUND Interface. Enter a Y if you do not want SIFS to automatically process inbound images. If this option is set, users will have to manually start the SIFS inbound processing. Enter an \* to clear any inhibit flag already set.
7. SUPPRESS Automatic Retransmittals. Enter a Y if you do NOT want SIFS to automatically retransmit delinquent packets. Otherwise, leave this field blank. Enter an \* to clear any inhibit flag already set.
8. SUPPRESS BSS. Enter a Y in this field if you do NOT want images from the BSS to be automatically processed. If this option is set, any images from the BSS will be queued until the user elects to release these images. Enter an \* to clear any inhibit flag already set.
9. SUPPRESS IEE. Enter a Y in this field if you do NOT want images from IEE to be automatically processed. If this option is set, any images from IEE will be queued until the user elects to release these images. Enter an \* to clear any inhibit flag already set.
10. SUPPRESS SNUD. Enter a Y in this field if you do NOT want SIFS to automatically process effective SNUD upon beginning-of-day (BOD) processing (that is, INT). Enter an \* to clear any inhibit flag already set.
11. SUPPRESS ISG Data (SNUD/404). Enter a Y in this field if you do not want SIFS to automatically initiate 404 processing when the

END data image is processed. Enter an \* to clear any inhibit flag already set.

12. SUPPRESS SBSS to SPS . Enter a Y in this field if you do NOT want SIFS to automatically transfer images to the SPS site. If this option is set, all SPS bound images will be queued until the user releases these images. Enter an \* to clear any inhibit flag already set.

13. SUPPRESS SPS to SBSS. Enter a Y in this position if you do NOT want SIFS to automatically process images inbound from SPS . If this option is set, all images sent from SPS will be queued until the user elects to process these images. Enter an \* to clear any inhibit flag already set.

14. SUPPRESS D040 data. Enter a Y in this field if you do not want SIFS to store any inbound D040 data images on the SBSS database. Enter an \* to clear any inhibit flag already set.

15. SUPPRESS SIFS-AFMES-OUTBOUND-IMAGE. Enter a Y in this field if you do NOT want SIFS to automatically transfer images to the Air Force Equipment Management site. If this option is set, all AFEMS bound images will be queued until the user releases these images manually. Enter an \* to clear any inhibit flag already set.

16. SPS Type Transfer Flag. This field is used by SIFS to determine the media to be used for the SIFS-OUTBOUND-BCAS-IMAGE transfer. The following values are valid:

- a. E - (E)lectronic transfer
- b. D - Floppy (D)isk transfer
- c. F - (F)ile transfer (SAM)

This field should not be blank, if SPS is active for this system designator. Remember that by default, the header record for the 01 account will be used if you do not have a header record loaded for a particular satellite account.

17. SPS Site-ID. Enter the SPS site-ID where SIFS will send any SPS bound data images. SIFS uses the SPS site-ID as a Nine Thousand Remote (NTR) device. This means that SIFS sends data images to SPS via an @SYM,C command. Normally, a SPS site-ID will be in the form BSCxxU, where, BSC stands for (B)i-(S)yn(C)hronous device and xx is a two-digit number. Images will be queued to this device in a manner similar to the way print and data images are queued to an NTR (or AFMC SCM-R Information Technology Activity) device. Your local DMC should be able to identify the SPS site-ID if you do not know what your SPS site-ID is. This field CANNOT be blank if a SPS type transfer flag of E (Electronic) is selected above. When SPS-type transfer flag is (f), this field must be blank.

18. Host ALN Identifier. Enter the four-position Access Location Number DMC, or Regional Processing Center (RPC). This field CANNOT be blank.

19. Host PLN Identifier. Enter the two-position PLN for your host DMC. This field CANNOT be blank.

20. Zulu Time Difference. This indicator is used by SIFS in time/date computations. Zulu time refers to Greenwich Meridian Time (GMT)(that is, same time that London, England, is currently on). Zulu time is used as reference--all other times being relative to Zulu or (GMT). The Zulu time difference indicator tells SIFS if the current date/time at this geographic location is - ahead (+), behind (-), or equal (=) to Zulu GMT. This field CANNOT be blank.

21. Zulu Actual Hours Difference. This field tells SIFS the actual number of hours difference between Zulu (GMT) time and the time at this geographic location. This field CANNOT be blank.

22. AFEMS Threshold Transfer Count. This field tells SIFS the total number of AFEMS bound images allowed to accumulate before an SBSS-to-AFEMS transfer will automatically

occur. Any value LESS than 50 will be rejected. Users' capability to force an SBSS-to-AFEMS transfer at any time (see section 4E).

23. SPS Threshold Transfer Count. This field tells SIFS the total number of SPS bound images allowed to accumulate before an SBSS-to-SPS transfer will automatically occur. Any value LESS than 50 will be rejected. Use the capability to force an SBSS-to-SPS transfer at any time (see section 4E). This field CANNOT be blank if SPS is active for this system designator.

24. Update Date of Last Review. Enter a Y in this field if you wish to update the date of last review (SIFS Control Records). A review must currently be in progress for this option to be valid (that is, P stored in 722-REVIEW RESS). This field can be blank.

25. AFEMS Type Transfer Flag. This field is used by SIFS to determine the media to be used for the SBSS-to-AFEMS data transfer. The following values are valid:

- a. E - (E)lectronic transfer
- b. D - Floppy (D)isk transfer

This field cannot be blank if entries are made in the following fields:

**Table 4.21. AFEMS Threshold Transfer Count.**

POS	FIELD	NOTE
61-63	AFEMS Threshold Transfer Count	22
26. The DLATS Site-ID identifies which DLATS site to route data to. Possible values are:		

**Table 4.22. DLATS Site-ID.**

LOCATION	ROUTING INDICATOR
DLATS Dayton, OH	RUEDZZA
DLATS Tracy, CA	RUWJZZA

Users should select a DLATS site geographically closest to their base whenever possible.

27. SIFS Hold Max Images. This field is used to identify the maximum number of data images that are allowed to accumulate in the SIFS-HOLD record. SIFS will initiate background run NGV250 to dispatch the data images when 75 percent of this number has been reached.

28. ADRSS Threshold Count. This field is used to identify the maximum number of data images that are allowed to accumulate in the SIFS-HOLD record before being automatically dispatched. SIFS will initiate batch program NGV237 to dispatch the data images when 75 percent of this number has been reached. This count must be a minimum of 50.

#### 4.62. SIFS Header Record DPS Screen.

4.62.1. Purpose. To provide users with a sample of the SIFS Header Record Display Processor (DPS) screen 547.

4.62.2. Screen 547.

1JA: /547

TRIC: 1JA ACTION CODE: \_ SYS DES: \_ TYPE-INQUIRY: \_

----- INHIBIT SIFS PROCESSING FLAGS -----

SIFS INBOUND: \_ SIFS OUTPUT: \_ ADRSS INTFCE: \_ BLAMES INTFCE: \_

AUTO RETRANS: \_ BSS: \_ IEU: \_ SNUD: \_ ISG/404: \_ SBSS TO BCAS: \_

BCAS TO SBSS: \_ D040 DATA: \_ AFEMS TO SBSS: \_ SBSS TO AFEMS: \_

----- SIFS CONSTANTS DATA -----

BCAS TYPE XFER: \_ BCAS SITE ID: \_\_\_\_\_ HOST DMC IDENT: \_\_\_\_\_

HOST PLN IDENT: \_ ZULU TIME DIFF (+/-): \_ ZULU HOUR DIFF: \_

AFEMS THRESHOLD CNT: \_ BCAS THRESHOLD CNT: \_ UPDATE DOLR: \_

AFEMS TYPE XFER: \_ DLATS SITE ID: \_\_\_\_\_ SIFS HOLD MAX IMAGES: \_\_\_\_\_

#### 4.63. Store 2-HR Card Record (2HQ).

4.63.1. Purpose. To Provide The User With The Capability To Store 160-Position Images On The 2-HR-CARD Record Using TRIC 2HQ, Screen Number 133. This Is Used Mainly For

Storing Data To Transceive Later To SIFS. SIFS Makes Disposition Based Upon The Disposition Code For The TRIC In Positions 1-3 Of The Image Stored.

4.63.2. Output Destination. SIFS.

4.63.3. Input Restrictions. None.

4.63.4. Input Format and Entry Requirements.

**Table 4.23. Input Format and Entry Requirements.**

POS	NO POS	FIELD DESIGNATION	NOTES
1-3	3	Transaction Identification Code	Note
4-160	157	User Supplied Data	Note
<b>Note:</b> Positions 1-3 of user data must be a valid output SBSS TRIC. Positions 4-157 must contain valid data IAW the corresponding chapter/volume of AFH 23-123.			

#### **4.64. SIFS Master Utility Driver.**

4.64.1. Purpose. To provide users with the information necessary to successfully start all manual SIFS runs.

4.64.2. Input Restrictions. AFMC SCM-R Information Technology Activity /Main system or demand screen.

4.64.3. Special Instructions. Primary/Secondary. Primary.

4.64.4. Output. AFMC SCM-R Information Technology Activity /Main Printer or User-ID.

4.64.5. Input Format and Entry Requirements. User must enter one of the following in runstreams:

4.64.5.1. @ADD 0GV00000\*GVSSGUD001.UTIL or

4.64.5.2. @XQT 0GV00000\*GVABSUD001.NGV260

#### **4.65. SIFS Utility Menu.**

4.65.1. Purpose. To give users versatility over the SIFS process. The Utility Menu has been enhanced to give users more visibility and control over their inputs, (i.e. CUD FILE ENTRIES, JOB STARTS AND FINIS, TIMES ETC). The new Utility Menu will allow you to start SIFS jobs, edit, save and retrieve the CUD and DUD files. Use the SIFS HISTORY FILE (HUD) and ADRSS STATUS FILE (SUD) to ensure that all SIFS images were passed to ADRSS. Monitor the INBOUND RESIDUE (IRD) and OUTBOUND RESIDUE images as well as the OUTBOUND CONTROL images. Manually route ADRSS/DISPATCH files. Update the SIFS control records, CUD and DUD files with entries released by AFMC SCM-R Information Technology Activity. Execute a @FREEALL on the terminal from within the UTILITY MENU. Use LOG ANALYZER for tracking of SIFS data. And utilize the ADRSS screens for RIF, RTE, DST and DTE entries. To enter the Utility screen, do the following:

4.65.1.1. >@ADD 0GV00000\*GVSSGUD001.UTIL (XMIT)

## 4.65.2. SIFS Utility Screen.

## SUPPLY INTERFACE SYSTEM UTILITY SCREEN

- START SIFS BATCH RUNS -      - VIEW SIFS INFORMATION -

- |                                      |                                   |
|--------------------------------------|-----------------------------------|
| _ 1) SIFS OUTBOUND (NGV250DR)        | _ 9) ADRSS ROUTING FILE (CUD)     |
| _ 2) SIFS HOLD (NGV250HDR)           | _ 10) SIFS DISPATCH FILE (DUD)    |
| _ 3) SIFS TO ADRSS (NGV237XDR)       | _ 11) SIFS HISTORY FILE (HUD)     |
| _ 4) SIFS TO AFEMS (NGV240ODR)       | _ 12) IRD/NARRATIVE FILE (IRD)    |
| _ 5) SIFS TO BCAS (NGV232ODR)        | _ 13) OUTBOUND RESIDUE FILE (ORD) |
| _ 6) SIFS INBOUND (NGV230ADR)        | _ 14) SIFS-HEADER RECORD (722)    |
| _ 7) HISTORY REPORT (NGV240DR)       | _ 15) OUTPUT-CONTROL RECORD (721) |
| _ 8) SIFS CTRL RCD UPDATE (NGV231DR) | _ 16) ADRSS STATUS FILE           |

- SIFS DEMAND RUNS -

- |   |                             |
|---|-----------------------------|
| _ 17) MANUALLY ROUTE ADRSS FILE         | _ 20) EXECUTE AN @FREEALL   |
| _ 18) MANUALLY ROUTE DISPATCH           | _ 21) RUN LOG ANALYZER      |
| _ 19) UPDATE CUD & DUD WITH SSG ENTRIES | _ 22) EXECUTE ADRSS SCREENS |
| _ G) CHANGE GANG - CURRENT GANG IS 1    |                             |
| _ ?) HELP                               |                             |

PLEASE SELECT ONE OF THE ABOVE OPTIONS OR Q) TO QUIT -- > \_\_\_\_\_

4.65.2.1. Option 1 will execute all outbound programs, (i.e., NGV250HDR, NGV232ODR, NGV240ODR, and NGV237XDR).

4.65.2.2. Option 2 will dispatch images in the SIFS HOLD area (751 Record), according to the output control record (1JD).

4.65.2.3. Option 3 will select DLATS bound images residing on the 724 record and pass them to ADRSS.

4.65.2.4. Option 4 selects AFEMS on-line data for dispatching.

4.65.2.5. Option 5 will read and load SPS images to the SPS queue.

4.65.2.6. Option 6 will start SIFS Inbound BLAMES (GV230ADR/GV230BDR) and the SNUD Processor (NGV243) will dispatch images to User files or Pseudo and write SNUD images to the data base. NGV230ADR reads the most current cycle of 0GV0<ALN><PLN>00\*VGV230.

4.65.2.7. Option 7 will generate a SIFS History Report to an element as follows 1GV0\*SIFS-HISTORY.HUD/YMMDDHMMSS. (**Note:** A DUD FILE ENTRY IS CREATED WITH A SEQUENCE OF 001 BY SSC-ENTRIES (OPTION 19 OF THE UTILITY MENU) FOR A PRINTED COPY OF HISTORY REPORT. ENSURE THAT THE PRINT DEVICE BLOCK REFLECTS THE PRINT DEVICE/QUEUE OF YOUR CHOICE.)



4.65.2.8. Option 8 WILL START PROGRAM NGV231 TO PERFORM THE FOLLOWING ACTIONS: (1) READ SSG RELEASED ROUTING TABLE, (2) VALIDATE AUTHORIZATION NUMBER; THIS IS DONE TO INSURE THAT ROUTING RECORDS WEREN'T MODIFIED PRIOR TO BEING PROCESSED. IF ANY POSITION OF A RECORD HAS BEEN MODIFIED, THE PROGRAM WILL END. A NOTICE IS SENT TO THE AFMC SCM-R Information Technology Activity CONSOLE - STATING YOUR FILE HAS BAD RECORDS, THIS NOTICE IS ALSO PRINTED ON THE SIFS HISTORY REPORT. YOU THEN HAVE TO LOAD THE FILE BACK FROM THE RELEASE TAPE., (3) READ THE BASE CONSTANT RECORD 001 TO DETERMINE ALL ACTIVE SRAN'S/ACCOUNTS, (4) CREATE INBOUND AND OUTBOUND RECORDS FOR EACH ACTIVE SRAN,(5) RECALCULATE AUTHORIZATION NUMBER FOR EACH RECORD, (6) DELETE ALL INBOUND, EQUATE, AND OUTBOUND RECORD FROM THE DATA BASE (7) LOAD NEW RECORDS TO THE PSEUDO PROCESSOR. **Note:** THIS PROGRAM IS MUST BE RAN FOR EACH ACTIVE GANG. IF YOUR SYSTEM HAS A GANG 1 AND 2, BOTH GANGS MUST PROCESS OPTION 8 TO LOAD THE CONTROL TABLE.

4.65.2.9. Option 9 will allow you to view the CUD file entries. It will also allow you to add, delete, change and save your current entries. There will be entries released from SSC that should not be manipulated unless directed by AFMC SCM-R Information Technology Activity. They will be M32, D09, D28, D16, NGV237X, R46, D24, and AFEMS NGV240/NGV580.

Once in the CUD file the following options are available:

ENTER YOUR ACTION CODE-----

- (+) MOVES AHEAD THROUGH THE FILE ONE PAGE
  - (-) MOVES BACK THROUGH THE FILE ONE PAGE
  - (P##) JUMPS TO A SPECIFIED PAGE IN THE FILE
  - (D##) DELETES A SPECIFIED ENTRY ON THE CURRENT PAGE
  - (###) TO VIEW A RECORD ON THE CURRENT PAGE ENTER THE  
NUMBER THAT IS IMMEDIATELY TO THE LEFT OF THE IMAGE
  - (F) THIS OPTION WILL ALLOW YOU TO SAVE OR RELOAD A  
CUD FILE. THE CUD FILE WILL BE SAVED TO <GANG>GV0\*CUD-LIST.  
DO NOT ATTEMPT TO EDIT THIS FILE OR IT WILL BECOME CORRUPT  
AND POSSIBLY UNRECOVERABLE
  - (A) ALLOWS YOU TO ADD A CUD ENTRY
  - (Q) TAKE YOU BACK TO THE MAIN MENU
  - (?) ENTER A ? OR JUST (XMIT) TO VIEW HELP
- WHERE <GANG> = GANG NUMBER i.e. 1, 2, 3, 4

## NOTE:

IF A FILE WAS NOT REGISTERED WITH ADRSS AND HAS TO BE RETRIGGERED, THERE IS A OPTION WITHIN THE CUD FILE THAT IS NOT WRITTEN TOO THE HELP MENU. SIMPLY ENTER AN 'R' AND THE NUMBER OF THE FILE THAT DID NOT GO OUT AND XMIT. THIS WILL TRIGGER THE IMAGE WITH ADRSS. (SAME AS USING GV237MDR WITH OUT ALL OF THE KEY STROKES).

EXAMPLE: R21 WOULD RETRIGGER THE FILE FOR THE 21ST IMAGE ON THE PAGE YOU ARE VIEWING.

IF YOU WOULD LIKE A PRINTED COPY OF THE CUD FILE, TAKE OPTION "F" AND THEN OPTION "L". THIS WILL PRODUCE A FILE "(?)GV0\*CUD-REPORT. THIS FILE CAN BE SYM'D TO AN NTR DEVICE.

4.65.2.10. Option 10 is your DUD file; that is for local files such as files to be loaded to Pseudo or sent to a specific queue, file, or NTR device, examples of images in these files are: FRC, SSC, TRM. This option will coincide with option 18. Once in the DUD file the following options are available for you:

- (+) MOVES AHEAD THROUGH THE FILE ONE PAGE
- (-) MOVES BACK THROUGH THE FILE ONE PAGE
- (P##) JUMPS TO A SPECIFIED PAGE IN THE FILE
- (D##) DELETES A SPECIFIED PAGE IN THE FILE
- (###) TO VIEW A RECORD ON THE CURRENT PAGE ENTER THE  
NUMBER THAT IS IMMEDIATELY TO THE LEFT OF THE IMAGE
- (F) THIS OPTION WILL ALLOW YOU TO SAVE OR RELOAD A  
DUD FILE. THE DUD FILE WILL BE SAVED TO <GANG>GV0\*DUD-LIST.  
DO NOT ATTEMPT TO EDIT THIS FILE OR IT WILL BECOME CORRUPT  
AND POSSIBLY UNRECOVERABLE
- (A) ALLOWS YOU TO ADD A CUD ENTRY
- (Q) TAKES YOU BACK TO THE MAIN MENU
- (?) ENTER A ? OR JUST (XMIT) TO VIEW HELP

WHERE <GANG> = GANG NUMBER i.e. 1, 2, 3, or 4.

4.65.2.11. Option 11 will allow you to monitor your SIFS programs, it will list all start times, stop times, error conditions, CUD and DUD file entries and deletes. This will provide the user with a tool for monitoring the status of their SIFS account.

THIS PROGRAM GIVES THE USERS ACCESS TO THE SIFS TRANSACTION HISTORY FILE (HUD). The following options are available.

- (+) MOVES THROUGH THE FILE ONE PAGE
- (-) MOVES BACK THROUGH THE FILE ONE PAGE

(P##) JUMPS TO A SPECIFIED PAGE IN THE FILE

(L) LIST THE FILE BY A CERTAIN KEY (This will allow you to choose the following options)

1) LIST ALL ENTRIES

2) LIST ALL ERROR FINS

3) LIST ALL ENTRIES FOR A GIVEN PROGRAM

4) LIST ALL ENTRIES ON A GIVEN DATE

(R) GENERATE A STATUS REPORT FROM THE SUD FILE

(C) CHANGE THE CURRENT CYCLE OF THE HISTORY FILE

TO CYCLE TO A PREVIOUS VERSION. ENTER THE CYCLE

NUMBER YOU WISH TO VIEW OR ENTER A MINUS SIGN AND

THE RELATIVE CYCLE NUMBER FOR INSTANCE, IF YOU

WANTED TO VIEW THE PREVIOUS DAY'S HISTORY FILE,

ENTER '-1' ENTER A ZERO TO GET THE MOST CURRENT CYCLE.

THE CURRENT CYCLE OF THE HISTORY FILE IS 9.

PLEASE ENTER THE CYCLE YOU WISH TO VIEW OR PRESS X-MIT TO CANCEL

(Q) EXIT BACK TO MAIN SCREEN

(?) ENTER ? OR (XMIT) TO VIEW THE HELP MENU

**Note:**

DO NOT CATALOG THE HUD FILE (<GANG>GV0\*GV239HUD700.) THIS FILE WILL BE CREATED BY ANY SIFS OUTBOUND PROGRAM THAT PROCESSES. IF THIS FILE IS CATALOGED BY USER, ALL SIFS OUTBOUND PROGRAMS WILL ERROR TO INCLUDE ON-LINE IMAGES.

4.65.2.12. Option 12 will give the Users access to the Inbound Residue Data (IRD) File and the SIFS Narrative File. The following options are available once in the IRD file.

(+) - MOVES AHEAD THROUGH FILE ONE PAGE

(-) - MOVES BACK THROUGH FILE ONE PAGE

(P##) - JUMPS TO A SPECIFIED PAGE IN THE FILE

(L) - LIST BY CERTAIN KEY

(N) - MOVES USER TO SIFS NARRATIVE FILE VIEWER (Para. 4.67.)

(R) - REMOVE/WORK IMAGES IN THE RESIDUE FILE

(C) - CHANGE CURRENT CYCLE OF HISTORY FILE

(Q) - QUILTS BACK TO THE UTL MENU

(?) - HELP.

(##) - DENOTES DIGITS ENTERED BY THE USER.

PRESS XMIT TO CONTINUE

If you select option "R" the following choices will be made available to you:

- 1) MOVE ALL IMAGES TO A USER FILE
- 2) MOVE ALL IMAGES WITH A SPECIFIC TRIC TO A USER FILE
- 3) MOVE ALL IMAGES WITH A SPECIFIC DATE TO A USER FILE
- 4) MOVE ALL IMAGES WITH A SPECIFIC REASON TO A USER FILE
- 5) DELETE ALL IMAGES
- 6) DELETE ALL IMAGES WITH A SPECIFIC TRIC
- 7) DELETE ALL IMAGES WITH A SPECIFIC DATE
- 8) DELETE ALL IMAGES WITH A SPECIFIC REASON
- Q) QUIT BACK TO MAIN SCREEN

If you have selected option "L" the following options are available to you:

- 1) LIST ALL ENTRIES
- 2) LIST ALL ENTRIES FOR A GIVEN TRIC
- 3) LIST ALL ENTRIES FOR A GIVEN DATE
- 4) LIST ALL ENTRIES FOR A GIVEN REASON
- ? ) HELP
- Q) QUIT TO MAIN MENU

Option "C" will allow you to change the current cycle of the Residue File.

TO CHANGE TO A PREVIOUS CYCLE, ENTER THE CYCLE NUMBER  
YOU WISH TO VIEW OR ENTER A MINUS SIGN AND THE  
RELATIVE CYCLE NUMBER.

THE CURRENT CYCLE OF THE RESIDUE FILE IS 1.

PLEASE ENTER THE CYCLE YOU WISH TO VIEW OR PRESS X-MIT (TO  
CANCEL)

4.65.2.13. Option 13 Out Bound Residue Data File (ORD). This file contains Outbound Data images that could not be routed. This file has the same options as the IRD file.

4.65.2.14. Option 14 will allow the user to inquiry, add, change or delete the SIFS HEADER RECORD (1JA). (DO NOT LEAVE THIS SCREEN ACTIVE AS IT WILL CONFLICT WITH OTHER TRANSACTIONS THAT UTILIZE THE SIFS HEADER RECORD (722). The following options are available once in the SIFS HEADER MENU.

A) ADD A SIFS HEADER RECORD

- C) CHANGE A SIFS HEADER RECORD
- D) DELETE A SIFS HEADER RECORD
- I) INQUIRY A SIFS HEADER RECORD

**Note:**

YOU CAN NOT DELETE THE SIFS HEADER RECORD FOR SYSTEM DESIGNATOR "01" FROM THE UTILITY MENU. THIS MUST BE DONE FROM TERMINAL 057 ONLY.

IF AN INHIBIT FLAG HAS BEEN SET TO AN "A" ON THE SIFS HEADER, CORRECT THE ERROR THAT CAUSED IT AND BLANK THE FLAG BY PLACING AN ASTERISK (\*) IN THE BATCH RUN INHIBIT FLAG FIELD AND A "C" IN THE ACTION CODE FIELD.

## SIFS HEADER FOR HOST ACCOUNT

SRAN [3300] HOST DPC [9000] HOST PLN [85]

## BATCH RUN INHIBIT FLAGS

AFEMS [ ] ADRSS [\*] SIFS HOLD [ ] BCAS [ ] INBOUND [ ]

## MAXIMUM INLINE DATA COUNTS

BCAS [ 100] AFEMS [ 100] ADRSS [ 100] SIFS HOLD [ 100]

## CURRENT INLINE DATA COUNTS

BCAS [ 0] AFEMS [ 0] ADRSS [ 0] SIFS HOLD [ 0]

## BCAS ROUTING DATA

SITE ID [BSC02U] TYPE XFER [E]

ENTER YOUR ACTION CODE: A, C, D, I, F, Q, OR ? FOR HELP ----> C\_\_

4.65.2.15. Option 15 will allow the user to inquiry the OUTPUT CONTROL RECORD (1JD).

4.65.2.16. Option 16 is a new feature that will allow the users to determine the status of SIFS files sent to ADRSS. If ADRSS has picked up the file for transmission, this module will show the exact disposition of that file. AFEMS transmission status can also be updated from this module.

4.65.2.17. Option 17 will allow the user to manually route an ADRSS file via GV237MDR. The user must have a valid CUD file entry for the file that they are dispatching.

4.65.2.18. Option 18 will allow the user to route a dispatch file via GV237NDR to a Pseudo, queue, or another file. You do not have to have a DUD file entry to use this option; if the file is not found it will prompt you as follows.

PLEASE ENTER THE FILENAME YOU WOULD LIKE ME TO DISPATCH OR X-MIT OR CANCEL

NOTE THAT THE FILENAME MUST MATCH THE DUD FILE ENTRY EXACTLY!

1GV0\*AFEMSTST.

COULD NOT FIND A MATCH FOR THAT FILE IN THE DUD FILE.

WOULD YOU LIKE TO (E)NTER THE ROUTING INFORMATION NOW,

OR (C)ANCEL THE OPERATION?

(enter an E to continue) (XMIT)

PLEASE SELECT ONE OF THE FOLLOWING ROUTING OPTIONS:

- P) LOAD THE FILE TO PSEUDO
- S) SEND THE FILE TO A SITE
- F) COPY THE FILE ONTO ANOTHER
- A) APPEND THE FILE ONTO ANOTHER
- E) COPY THE FILE INTO AN ELEMENT
- Q) QUIT AND CANCEL THE OPERATION
- P) (XMIT)

WHAT IS THE RECORD LENGTH OF THE IMAGES TO BE LOADED TO PSEUDO?

120

4.65.2.19. Option 19 will load the CUD and DUD file entries released by AFMC SCM-R Information Technology Activity. These entries will not be changed for any reason other than directed by AFMC SCM-R Information Technology Activity.

4.65.2.20. Option 20 will allow you to do an @FREEALL on your terminal without exiting the Utility Menu.

4.65.2.21. Option 21 Log Analyzer. This option is a useful tool for tracking purposes.

4.65.2.22. Option 22 will allow you to execute the ADRSS (RAAMEN) screens within the Utility menu. This will allow the user to monitor your outbound data to ensure a good transmission has occurred. **Note:** IN ORDER TO USE THIS OPTION YOU MUST CONTACT YOUR DMC ADRSS MONITOR AND OBTAIN A CLEARANCE LEVEL OF (50). THIS WILL ALLOW YOU TO USE THE STS SCREEN.

4.65.2.23. Option G will allow the user to change the gang number (1-4 only) by inserting the gang number that you are on the line next to the option. EXAMPLE: 4\_\_ G. CHANGE GANG - CURRENT IS 1 (XMIT) after transmitting the screen will refresh and display your current gang which will be gang 4.

4.65.2.24. Option ?. Users can receive a brief description of each option on the UTL menu by placing a Question Mark next to the item you would like information on and depressing the <-Enter key.

4.65.2.25. Option Q will exit the utility program. **Note:** A save of the CUD and DUD would be advisable after making changes and prior to exiting the Utility menu. This can be achieved using the information above. If you would like a printed copy of the CUD

file, follow the instructions contained in option 9 of the UTILITY and then SYM a copy of the NTR device as follows: @SYM,U 1GV0\*CUD-LIST.,,(NTR DEVICE).

#### 4.66. Transaction History Viewer.

4.66.1. Purpose. To give both the user and the LRS CC/AO a visual tracking system on all ADRSS bound files. The history file will allow you to track the actions of the outbound programs, Job Starts, Job Fins, Error Notices and CUD file Modifications. To access the Transaction History File do the following:

4.66.1.1. >@ADD 0GV00000\*GVSSGUD01.UTIL (XMIT) ONCE IN TAKE OPTION 11.

4.66.1.2. This will allow you to view the History file. For options on the Transaction History File see option 11 above. Other options are as follows: OPTION R

4.66.1.3. The Transaction History Report generated by the “END” image will be symmed to the device specified in the DUD file. If you would like to return to the Utility menu after exiting the program, you can keyin the following:

4.66.1.3.1. >@UTIL (XMIT).

#### 4.67. SIFS Narrative File Instructions.

4.67.1. Purpose. The following instructions will hopefully give SIFS monitors a better understanding of how to manage the SIFS Narrative File.

4.67.1.1. To get to the SIFS Narrative File, first initiate the SIFS Utility Menu.

ENTER> @ADD 0GV00000\*GVSSGUD001.UTIL

##### SUPPLY INTERFACE SYSTEM UTILITY SCREEN

- |   |                                   |
|---|-----------------------------------|
| - START SIFS BATCH RUNS -               | - VIEW SIFS INFORMATION -         |
| _ 1) SIFS OUTBOUND (GV250DR)            | _ 9) ADRSS ROUTING FILE (CUD)     |
| _ 2) SIFS HOLD (GV250HDR)               | _ 10) SIFS DISPATCH FILE (DUD)    |
| _ 3) SIFS TO ADRSS (GV237XDR)           | _ 11) SIFS HISTORY FILE (HUD)     |
| _ 4) SIFS TO AFEMS (GV240ODR)           | _ 12) IRD/NARRATIVE FILES (IRD)   |
| _ 5) SIFS TO BCAS (GV232ODR)            | _ 13) OUTBOUND RESIDUE FILE (ORD) |
| _ 6) SIFS INBOUND (GV230ADR)            | _ 14) SIFS-HEADER RECORD (722)    |
| _ 7) HISTORY REPORT (GV240DR)           | _ 15) OUTPUT-CONTROL RECORD (721) |
| _ 8) UPDATE SIFS CONTROL RECS           | _ 16) ADRSS STATUS FILE (SUD)     |
| W/ SSG ENTRIES (GV231DR)                |                                   |
| - SIFS DEMAND RUNS -                    |                                   |
| _ 17) MANUALLY ROUTE ADRSS FILE         | _ 20) EXECUTE AN @FREEALL         |
| _ 18) MANUALLY ROUTE DISPATCH FILE      | _ 21) RUN LOG ANALYZER            |
| _ 19) UPDATE CUD & DUD WITH SSG ENTRIES | _ 22) EXECUTE ADRSS SCREENS       |

\_ G) CHANGE GANG - CURRENT GANG IS 1

\_ ?) HELP

PLEASE SELECT ONE OF THE ABOVE OPTIONS OR Q) TO QUIT ---> \_\_

4.67.1.2. Enter Option 12, IRD/Narrative Files.

THIS WILL TAKE YOU TO THE SIFS INBOUND RESIDUE VIEWER

SIFS INBOUND RESIDUE DATA (IRD FILE) PAGE 0001 OF 0003

IMAGE	DATE	REASON
AC7DMKS3110001861118	EA00001R0911680294C22F	981118 NO 1JB LOADED
AF6DMKS2840013197064	EA00043FB466182549447AY1M15	981118 INVALID RID
AE1S9GS2840013396769	EA00006FB601280640033	981118 INVALID SRAN
AF6DMKS6850013980987	BX00002FB485282589093 Y1G79	981118 INVALID RID
AS1S9GK5975008387450	HD00026FB601282180032	981118 INVALID SRAN
BDRA03 4320012066333EWFLZ 0234FB2065		981118 EFF DATE BAD GANG 1
BDRA03 4920012262156EWFLZ 8 274N00164		981118 EFF DATE BAD GANG 1
BDRC03 5810012737819CSFPD 98 00FD7030		981118 EFF DATE BAD GANG 1
BDRC03 5810012737820CSFPD 002 1FD7030		981118 EFF DATE BAD GANG 1
BDRA03 5915014248648EWFLZ 9900 N00164		981118 EFF DATE BAD GANG 1
BDRA03 5955011847924EWFLZ 8274FB2065		981118 EFF DATE BAD GANG 1
BDRA03 5960011851885EWFLZ 9 274N00164		981118 EFF DATE BAD GANG 1
BDRA03 5985012355175EWFLZ 98 65N00164		981118 EFF DATE BAD GANG 1
BDRA03 5985013377260EWFLZ 982 4N00164		981118 EFF DATE BAD GANG 1
BDRA03 5985013893745EWFLZ 9827 N00164		981118 EFF DATE BAD GANG 1
BDRA03 5996002790484EWFLZ 99274N00164		981118 EFF DATE OOR GANG 1
BDRA03 5996003151482EWFLZ 99274N00164		981118 EFF DATE OOR GANG 1
BDRA03 5996013380555EWFLZ 99274N00164		981118 EFF DATE OOR GANG 1

ENTER YOUR ACTION CODE: +, -, P, R, L, C, N, Q OR ? FOR HELP ---> \_\_\_\_\_

4.67.1.3. Enter option 'N' to go to the SIFS Narrative File Viewer.

SIFS NARRATIVE FILE (NAR FILE) PAGE 0001 OF 0001

DATE	REJECT/IMAGE
01 981007 REF UQADB7057 2592017	DESTINATION RIC IS NOT IN DLATS RECORDS
02 981007 REF UQADB7057 2592017	NON-FIPS 14 CHARACTER(S)
03 981007 REF UQADB7057 2592017	DESTINATION RIC IS NOT IN DLATS



## RECORDS

04  
05  
06  
07  
08  
09  
10  
11  
12  
13  
14  
15  
16  
17  
18

ENTER YOUR ACTION CODE: +, -, B, M, Z##, Q, OR ? FOR HELP -----> \_\_\_\_\_

4.67.1.4. The following is a brief explanation of options for SIFS Narrative Viewer.

- + MOVES ONE PAGE FORWARD IN THE FILE
- MOVES ONE PAGE BACKWARD IN THE FILE
- B MOVES USER BACK TO THE BEGINING OF THE FILE (PAGE 1)
- M MOVE SPECIFIED PACKAGE TO A FILE (ONLY USED AFTER ZOOM  
COMMAND HAS BEEN  
USED)
- Z## ZOOMS IN ON THE SPECIFIED REJECT NOTICE
- Q QUITs AND RETURNS USER TO THE SIFS UTIL MENU

4.67.1.5. To see the actual image being returned, you must zoom on the reject notice.  
Enter option z## where ## is the line number to zoom on (e.g., z1 will zoom on the line.  
See below.).

SIFS NARRATIVE FILE (NAR FILE) PAGE 0001 OF 0001

DATE REJECT/IMAGE

01 981007 REF UQADB7057 2592017 DESTINATION RIC IS NOT IN DLATS  
RECORDS

02 981007 REF UQADB7057 2592017 NON-FIPS 14 CHARACTER(S)

03 981007 REF UQADB7057 2592017 DESTINATION RIC IS NOT IN DLATS  
RECORDS

04

05

06

07

08

09

10

11

12

13

14

15

16

17

18

ENTER YOUR ACTION CODE: +, -, B, M, Z##, Q, OR ? FOR HELP -----> Z1\_\_\_\_

4.67.1.6. After entering the zoom option, you will see the images being returned.

SIFS NARRATIVE FILE (NAR FILE) PAGE 0001 OF 0001

DATE	REJECT/IMAGE
------	--------------

01 981007 REF UQADB7057 2592017 DESTINATION RIC IS NOT IN DLATS  
RECORDS

02 981007 AMADMOS3040003063525 EA00001FB628182589852RFB6281M6C 01  
02NAA

03

04

05

06

07

08

09

10

11  
12  
13  
14  
15  
16  
17  
18

ENTER YOUR ACTION CODE: +, -, B, M, Z##, Q, OR ? FOR HELP -----> \_\_\_\_

4.67.1.7. You can now use the move option ('M') to move the images to a file to work.

**Note:** It must be a data file (e.g., 1GV0\*NARREJ.) and not a program file (you cannot move images to an element in a file).

SIFS NARRATIVE FILE (NAR FILE) PAGE 0001 OF 0001

DATE	REJECT/IMAGE
------	--------------

01 981007 REF UQADBW7057 2592017 DESTINATION RIC IS NOT IN DLATS RECORDS
--

02 981007 AMADMOS3040003063525 EA00001FB628182589852RFB6281M6C 01 02NAA
--

03  
04  
05  
06  
07  
08  
09  
10  
11  
12  
13  
14  
15  
16  
17  
18

ENTER YOUR ACTION CODE: +, -, B, M, Z##, Q, OR ? FOR HELP -----> M\_\_

4.67.1.8. When you enter option 'M', you will be prompted to enter a file name.

PLEASE ENTER THE NAME OF THE FILE TO MOVE THE IMAGE TO. USE THE FORMAT QUAL\*FILE.

4.67.1.9. Enter your qualifier\*filename. and transmit twice.

4.67.1.9.1. YOUR IMAGES WILL BE MOVED TO YOUR SPECIFIED FILE AND YOU WILL BE RETURNED TO THE SIFS NARRATIVE FILE VIEWER AT PAGE 1. YOU CAN NOW DO THE NEXT IMAGE IN THE FILE. **Note:** There is no option to move all files at once. You must move each file separately. However, you can move the files to the same work file, as the program will append the images.

#### 4.68. INBOUND SNUD DATA IMAGE PROCESSING.

4.68.1. Purpose. To provide users with a consolidated list of inbound SNUD images and required processing.

4.68.2. SNUD With Effective Dates.

4.68.2.1. Inbound SNUD images which have an effective date are stored in the SIFS SNUD DATA IMAGE RECORD.

**Table 4.24. Inbound SNUD Images and Effective Date Positions.**

TRIC	EFFECTIVE DATE POS	TRIC	EFFECTIVE DATE POS
BDL	27-31	BMC	27-31
BDM	27-31	BMD	27-31
BDR	27-31	BMS	27-31
BDT	27-31	BPA	76-80
BMA	27-31	BPB	76-80
BMB	27-31	BPC	76-80
<b>Note:</b> No 1JC or 1JB are required for these images.			

4.68.3. ISG SNUD Data Images.

4.68.3.1. Inbound SNUD Data. These images must be written to a user file to be used for 404 DATA IMAGE RECORD. Users must ensure these TRICs are loaded via 1JB inputs with a Type Routing Identifier of T; Start TRIC Route Position is 000, Length of Routing Field is 000. 1JC's are required for these TRICs.

4.68.3.1.1. TRIC: BDS

4.68.3.1.2. BVS

## 4.68.3.2. 1JB Input Data.

4.68.3.2.1. Type SIFS Routing Identifier : T

4.68.3.2.2. Start Position of Field to Route on : 000

4.68.3.2.3. Length of Field to Route on : 000

## 4.68.3.3. 1JC Input Data.

4.68.3.3.1. Data Element Flag: A

4.68.3.3.2. User File : (GANG)GV0\*404-INPUT.

## 4.68.4. Pseudo Bound SNUD Data (no effective date).

4.68.4.1. The inbound SNUD images for the TRIC codes listed below will be written to file ?GV0\*GV230BUD004. for automatic inbound pseudo processing. Since they do not have an effective processing date they can be processed immediately upon receipt. A 1JC IS REQUIRED FOR EACH TRIC AND EACH SRAN.

**Table 4.25. TRIC Table.**

TRICs		
BDJ	BVB	BVL
BV2	BVC	BVM
BV3	BVD	BVN
BV4	BVE	BVR
BV5	BVG	BVT
BV7	BVP	BVX
BV8	BV9	BME

## 4.68.4.2. 1JB Input Data.

4.68.4.2.1. Type SIFS Routing Identifier : T

4.68.4.2.2. Start Position of Field to Route on : 000

4.68.4.2.3. Length of Field to Route on : 000

## 4.68.4.3. 1JC Input Data (load one for each SRAN).

4.68.4.3.1. Pseudo Flag : P

## 4.68.5. Text Header Control Record.

4.68.5.1. To ensure all SNUD data images are dispatched correctly, a special Control Record is required to properly handle each TEXHDR image contained in the initial RAW inbound data file. This control record contains the constant TRIC code TEX for internal use by SIFS and should not be deleted. NO 1JC IS REQUIRED.

4.68.5.1.1. 1JB Load Data.

- 4.68.5.1.2. TRIC : TEX
- 4.68.5.1.3. Type SIFS Routing Identifier : S
- 4.68.5.1.4. Start Position of Field to Route on : 068
- 4.68.5.1.5. Length of Field to Route on : 004

#### **4.69. Raw Inbound SNUD Data Image Processing.**

4.69.1. Purpose. To provide users with a detailed logical flow of events for raw inbound SNUD processing.

4.69.2. Inbound SNUD Processing.

4.69.2.1. RAW INBOUND SNUD. Raw Inbound SNUD is loaded to the file 0GV0<ALN><PLN>00\*VGV230. by the ADRSS II inbound processor. Program NGV230A (Master SIFS Inbound Dispatch Driver) will recognize SNUD data if the reports control symbol (RCS) in the text header is equal to the following:

- 4.69.2.1.1. BASE DATA D046
- 4.69.2.1.2. SNUD CMD MGMT
- 4.69.2.1.3. SNUD TRANSPORT
- 4.69.2.1.4. SNUD I AND S
- 4.69.2.1.5. SNUD MUNITIONS
- 4.69.2.1.6. ASSET/TRANS RP
- 4.69.2.1.7. FSC-MMC DATA C
- 4.69.2.1.8. DIIP USER REVI

4.69.2.1.9. BASE/DLSC INTE **Note:** DLSC, Defense Logistics Service Center is now DLIS, Defense Logistics Information Center.

4.69.2.2. For each of the above SNUD packets, NGV230A will reformat the inbound SNUD data images to match those in Para. 4.68. Once the raw inbound SNUD data images have been reformatted, NGV230 will break the SNUD data images out by SRAN, then generate a SNUD dispatch run for each SRAN. This run will be placed in the inbound SIFS queue for processing.

4.69.2.3. SNUD Dispatch Run. The purpose of the SNUD dispatch run is to allow for modular processing. The SNUD dispatch run will invoke NGV243 (Master SNUD Handler). NGV243 will examine the inbound SNUD data images and will perform the following function:

- 4.69.2.3.1. Pass those SNUD images outlined in Para. 4.68. to pseudo for processing.
- 4.69.2.3.2. Examine those SNUD data images with an effective date (see Para. 4.68.). If the effective date is equal to or less than 002-ORDINAL-DATE, then these images will be passed to pseudo for processing. If the effective date is greater than the current 002-ORDINAL-DATE, then these images will be retained on the SNUD-DATA-RECORD. This process will be repeated until all SNUD data have been processed.

**4.70. Text Header (TEXHD) Record Format.**

4.70.1. Purpose. To describe the format of a text header (TEXHD) record. ADRSS will automatically generate the text header record when it processes reports for submission to the DDN network.

4.70.2. Input Restrictions (ADRSS System). This image will be the first data image of each message group consisting of 496 data images or less. This data image is generated by ADRSS.

4.70.3. Output. N/A.

4.70.4. Input Format and Entry Requirements.

**Table 4.26. Input Format and Entry Requirements.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1-5	5	Trans Ident Code (TRIC)	Constant TEXHD
6	1	Blank	
7	1	Security Classification	Note 1
8	1	Special Handling Requirements	Note 2
9	1	Privacy Act Data	Note 3
10	1	Blank	
11-24	14	Reports Control Symbol	Note 4
25	1	Blank	
26	1	Submission Type	Note 5
27	1	Blank	
28-33	6	As-Of-Date	Note 6
34	1	Blank	
35-37	3	Sequence Number	Note 7
38	1	Blank	
39-42	4	Record Item Length	Note 8
43	1	Blank	
44-45	2	Blocking Factor	Note 9
46	1	Blank	
47-48	2	MAJCOM From	Note 10
49-63	15	Supplemental From Information	Note 11
64-65	2	MAJCOM To	Note 12

66-80	13	Supplemental To Information	Note 13
<p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. The Security Classification is used to denote the classification of the report. Values allowed for this field are U (unclassified) and E (unclassified, encrypt for transmission only). Supply data will have a U in this field.</li> <li>2. Special Handling Requirements. Supply data does not use this field.</li> <li>3. The Privacy Act Data flag is used to identify data that applies to the Privacy Act of 1974. Currently Supply does not transmit privacy act data. ADRSS will place a 1 (that is, NO) in this field for Supply Data.</li> <li>4. The Reports Control Symbol is a unique identifier used to identify the report. SIFS will use the reports control symbol specified in the output SIFS control record. The reports control symbol is specified by the sending activity. The receiving activity will keyin the reports control symbol to identify the report. ADRSS will place the reports control symbol in positions 11 through 24 of the TEXHD and TEXTR records. The RCS must NOT contain any embedded special characters (that is, A through Z, 0 through 9, or punctuation characters). Reports control symbols can be found in AFP 700-16.</li> <li>5. Submission Type. Allowed values are: N (normal) and C (re-submission).</li> <li>6. As-Of-Date.</li> <li>7. Sequence Number. The sequence number (right justified with leading zeros) of the message group of data if transmitted via DDN.</li> <li>8. Record Item Length. This is the length of each record in the user file. The record length can vary from 18 to 1200 ASCII characters.</li> <li>9. The Blocking Factor will match the blocking factor of the user file. This is the number of logical records in each physical record (block). This value will be at least 01. The product of the blocking factor and the record length must not exceed 448 words.</li> <li>10. The originator's MAJCOM code.</li> <li>11. Supplemental From Information. SIFS will place the following information in this field as follows: <ol style="list-style-type: none"> <li>a. positions 1-4 = Originating SRAN</li> <li>b. position 5 = Blank</li> <li>c. positions 6-10 = NGVxxx (where xxx = program nbr that generated the report)</li> </ol> <p>ADRSS will place this information in positions 51 through 63 of the TEXHD record.</p> </li> <li>12. MAJCOM TO. This will be the MAJCOM code of the command that has requested the data. This field may be blank if the same data is multiple routed to more than one command, a text header is designated for use with data forwarded to activity side of the Air Force, or if the requesting MAJCOM has directed that it be blank.</li> </ol>			



## 13. Supplemental To Information.

**4.71. Text Trailer (TEXTR) Record Format.**

4.71.1. Purpose. To describe the format of a text trailer (TEXTR) record. ADRSS will automatically generate the text trailer record when it processes reports for submission to the DDN network. Every data report requiring a text header must have a corresponding text trailer as the last message group prepared for the data report.

4.71.2. Input Restrictions (ADRSS System). This image will be the last data image of each message group consisting of 496 data images or less. This data image is generated by ADRSS.

4.71.3. Output. N/A.

4.71.4. Input Format and Entry Requirements.

**Table 4.27. Input Format and Entry Requirements.**

	NO		
POS	POS	FIELD DESIGNATION	REMARKS/NOTES
1-5	5	Trans Ident Code (TRIC)	Constant TEXTR
6-38	33	Reserved	Note 1
39-44	6	Total Record Count	Note 2
45-80	36	Supplemental Remarks	Note 3
<b>Notes:</b> 1. Reserved. Information here will be the same information contained in the text header. 2. Total Record Count. This is the total number of logical records contained in the data report. Text header/trailers that have been inserted by ADRSS for message building are NOT included. 3. Supplemental Remarks. This field can contain any remarks/additional data required, not included in the text header to clarify the report.			

**4.72. Files Used By ADRSS.**

4.72.1. Purpose. To provide users with a consolidated list and brief description of files that are essential to ADRSS processing. Each ADRSS file has a qualifier of 0AA0<ALN><PLN>00. When talking to the Supply Systems Control Center, this format is often referred to as '0AA long qual' for brevity purposes.

4.72.2. Files Essential to ADRSS Processing.

**Table 4.28. Files Essential to ADRSS Processing.**

FILE NAME	FILE-ID	REMARKS/NOTES
Master Control File	VAAMCFU	Notes 1, 2
Cumulative History File	VAAHSTU	Notes 1, 3

Trigger File	VAATRGU	Notes 1, 4
Report Information File	VAARIFU	Notes 1, 5
Routing Control File	VAARTEU	Notes 1, 6
DISN Trigger File	VAADTEU	Notes 1, 7

This is NOT a complete list. Only those files that concern Supply have been listed.

**Note:**

1. The ADRSS Monitor at the DMC has responsibility for these files. Any questions or problems regarding these files should be directed to the ADRSS Monitor at the servicing DMC.
2. Master Control File. This file is the ADRSS master control record. This file contains the start times for automatic ADRSS and some other pertinent information.
3. Cumulative History File. This file may be maintained on disk or tape depending upon local procedures. This file contains reports previously processed by ADRSS. Reports are kept in this file according to the as-of-date, retention period and current system date. Reports whose retention has expired are deleted from this file. Maintenance on this file is performed during each ADRSS run. New reports are added and expired reports are deleted. ADRSS allows values from 0 to 45 (days) for a retention period. Supply Reports are normally held for 45 days. The ADRSS monitor at the servicing DMC can retransmit any Supply reports that have NOT been deleted from this file.
4. Trigger File. The trigger file contains trigger records. The trigger records identify user data files to process and/or messages to retransmit. For Supply traffic, the trigger records will normally be generated under program control by the ADRSS monitor at the servicing DMC if it has the capability to create, modify, or delete trigger records. The ADRSS monitor should NOT modify a Supply trigger file without prior coordination.
5. Report Information File. This file contains a table of all reports that are normally processed at that site. ADRSS matches the six-position file-ID of the report, the reports control symbol, content indicator code, and the MAJCOM from Code of the ADRCTL submitted. Once a match is found, then ADRSS uses the destination DMC code as a key to find the appropriate DDN routing indicators. These DDN routing indicators are used in message preparation.
6. Routing Control File. This file contains a table of ALN codes and their associated ICI host-ID, DISN address, DDN routing indicators. As outlined above, ADRSS uses this file to identify the appropriate DDN routing indicators to use in preparing DDN messages. This file's contents

are maintained through use of the screen utility subsystem (using the "RTE" or "RTU" screens).

7. DISN Trigger File. This file contains records that identify the files required to be transmitted via the DISN module of ADRSS. This file can be created by either of two methods. One method is automatically created by ADS program. The ADS program creates a new VAADTEU file internally and in it builds a DISN Trigger record. The other method of creating this file is through the ADRSS screen utilities (using the "DTE" screen). The "DTE" screen will catalog a new VAADTEU file and build records within that file from the entries on the screen. This file is read by the DISN Module Driver (NAADRV) and deleted after its contents are read. The contents of this file are passed to the DISN Transmission Module (NAAXMT) by NAADRV.

#### **4.73. Sending Data By Alternate Means.**

4.73.1. Purpose. To provide users with a brief description of the minimum requirements when sending data by means other than ADRSS.

4.73.2. General. This describes the minimum requirements for output data forwarded from the sending location using commercial mail and package carriers, First Class mail, or pouch. Magnetic tape, floppy disks, and listings are the media used to forward data via mail or courier.

4.73.3. Magnetic Tapes. When magnetic tapes are used, they must have an adhesive-back label affixed that can be removed easily when the tape is released. At a minimum the label will contain:

4.73.3.1. RCS (or some other unique report identifier).

4.73.3.2. As-of-date.

4.73.3.3. Security classification of the recorded data (for Supply this is usually unclassified data).

4.73.3.4. Number of Reels (that is, reel 1 of 3, reel 2 of 3, etc.)

4.73.3.5. Track and density.

4.73.3.6. Point of contact and DSN number of the sending base. The tape monitor at the servicing DMC should be able to assist you in preparing a tape for transmission.

4.73.4. Floppy Disk. When floppy disks are used, data reports will be placed on the floppy disk in a manner to preclude individual reports from getting combined due to possible mishandling of the floppy. Each floppy must have an adhesive-back label. At a minimum the label will contain:

4.73.4.1. RCS (or some other unique report identifier).

4.73.4.2. As-of-date.

4.73.4.3. Security classification of the recorded data (for Supply this is usually unclassified data).

4.73.4.4. Number of disks (that is, disk 1 of 3, disk 2 of 3, etc.)

4.73.4.5. Point of Contact and DSN number of the sending base. **Note:** If the label is already affixed to the floppy disk, don't forget to use a fiber-tipped pen when preparing the label. A ball-point pen may damage the floppy disk.

4.73.5. Listings. When a listing is used, it must be clearly annotated with at least the following data:

4.73.5.1. RCS (or some other unique report identifier - may already be on listing).

4.73.5.2. As-of-date.

4.73.5.3. Security classification of the recorded data (for Supply this is usually unclassified data).

4.73.5.4. Number of listings (that is, listing 1 of 3, listing 2 of 3, etc.)

4.73.5.5. Point of contact and DSN number of the sending base.

4.73.6. Miscellaneous. Your servicing DMC should be able to assist you concerning policies or requirements when sending data by other than ADRSS.

#### **4.74. Defense Data Network.**

4.74.1. Purpose. To describe the Defense Data Network.

4.74.2. General. The Defense Data Network (DDN) is a packet-switching network designed to meet the data communications requirement of the DOD. The elements of the network are grouped into two functional areas:

4.74.2.1. The backbone network, which comprises the trunk circuits and packet switches.

4.74.2.2. The access network, which comprises circuits and equipment that enable subscriber systems to connect to the backbone network. Packet-switching is a method for handling data as it is transmitted through a communications network. The switching to which subscriber computers are attached subdivide information streams into small packets, then route and otherwise, handle each packet as if it were a separate message, correctly reassembling the packet data at its destination. Each switching to receiving a packet from a neighbor node checks for errors and, should an error be found, requests retransmission from the neighbor until the data is received correctly. The node then either forwards the packet to another node or delivers the packets to the addressee. Unlike DDN, DDN uses adaptive packet-switching. This means that data packets are routed adaptively instead of using predetermined paths. With predetermined routing, data cannot be easily forwarded if any network component fails in the path over which the data must pass. With adaptive routing, switching nodes avoid portions of the network that are congested or damaged. Packet-switching allows a real-time access to any node in the world (that is, can use a terminal input just like it was on the same base. However, do not abuse the system; you will be held accountable).

#### **4.75. TRICs used by SPS.**

4.75.1. Purpose. To provide users with a list of those TRICs that can be transferred to, and received from, the SPS.

4.75.2. Inbound Data Images From SPS.

4.75.2.1. TRIC

4.75.2.2. LPA

4.75.2.3. LPS

4.75.2.4. EDD

4.75.2.5. LCC

4.75.2.6. AE1

4.75.3. Outbound Data Images from SPS.

4.75.3.1. TRIC

4.75.3.2. 1L

4.75.3.3. 1LP

4.75.3.4. 1CU

4.75.3.5. 1IC

4.75.3.6. 1RA

4.75.3.7. AC^

4.75.3.8. AF^

4.75.3.9. AK^

4.75.3.10. AM^

4.75.3.11. AT

4.75.3.12. A0^

**4.76. SPS Routing Identifier Codes.**

4.76.1. Purpose. To provide users with a list of those routing identifier codes used in SPS data images.

4.76.2. Routing Identifier Codes. A three-position alpha field as identified below:

**Table 4.29. Routing Identifier Codes.**

CODE	MEANING
JBB	Commercial
JBF	Federal Prison Industries
JBG	Buy U.S.
JBH	Federal Supply Schedule
JBK	Commercial (Justification)
JBL	DSA (POL)
JBP	Base Fuels

LPR	Medical Systems
SVS	Services

#### 4.77. Filename Conventions.

4.77.1. Purpose. To provide users with guidelines when assigning names to SIFS User files.

4.77.2. File Naming Conventions. It is strongly recommended that the following conventions be adhered to when specifying user files:

4.77.2.1. Inbound User Files.

Qualifier = ?GVI<ALN>

|| | ALN

| |Inbound

| |Supply

Primary Gang Number

Filename = OPR specified on the Inbound SIFS CONTROL Record.

4.77.2.2. Outbound User Files.

Qualifier = ?GVO<ALN>

|| | ALN

|| Output

|Supply

Primary Gang Number

Filename = OPR specified on the Output SIFS CONTROL Record.

4.77.2.3. Review of Elements //Weekly w/SIFS EOD.

## Chapter 5

### OVERVIEW OF THE SBSS DATABASE RECORDS

#### *Section 5A—SBSS Database Records*

**5.1. Chapter Summary.** This chapter provides the formats for all SBSS database records. **Sec. 5A** describes the organization of these files and explains the record description entries. **Ch 6 - 14** provide the purpose, access, record length, and specific record description entry for each database record. Each chapter covers one group of related records. The formats of the basic records are contained in **Ch 6**. **Ch 7** provides the formats for entry/basic records. The formats for the detail records ( **Ch 8**), the accounting and finance records ( **Ch 9**), the fuels records ( **Ch 10**), the general support records ( **Ch 11**), the management support records ( **Ch 12**), the tape records ( **Ch 13**), and the transaction history records ( **Ch 14**), make up the rest of this chapter.

**5.2. Overview.** This chapter contains the formats of the internal records stored in the SBSS database and on tape under the Standard Base Supply System. It also defines the types of record description entries used. **Note:** The database records are required. They may not be altered except as permitted under program control with an authorized input. The techniques used to locate all SBSS database records are contained in **Ch 3**.

#### **5.3. U2200/400 SBSS Database.**

5.3.1. Definition of the Database. The SBSS database is a network of hierarchically structured records appropriately associated. The association allows for base-level update or retrieval of data as required by HQ USAF. The SBSS database is a SPERRY DMS-1100 database following Conference for Data Systems Language (CODASYL) Worldwide Standards Committee specifications. It is defined by a schema and one or more subschemas. The schema and subschema make up a set of tables that contain the computer code necessary for programs to gain access to the database. The Data Definition Language (DDL) processor (SPERRY UP-7907 Data Management System (DMS 1100) Level 8R1, Schema Definition, Data Administrator) describes the characteristics of the entire database. Through the use of the data contained in the parentheses, the DDL creates the schema.

5.3.2. Organization of the Database. The construction of the database provides the ability to partition related records and sets. The database allows maximum flexibility in the acquisition and placement of data with a minimum amount of time and storage requirements. The database is currently divided into 257 areas, 236 records (of which 160 are base level and 96 are for AFMC SCM-R Information Technology Activity), and 50 sets for each LRS host account. Each area contains one or more types of records as shown in the schema. The SBSS record types are grouped into nine categories. (These are described in **Ch 6 - 14**.)

5.3.3. Storage Requirements. Due to variance in record occurrence and hardware configurations from base to base, the size of the areas is tailored to meet each base's needs. The minimum and maximum disk storage are changed to meet individual base needs at the time of the system generation or upload. The SBSS database requires a minimum disk storage of 1,420,720 words and a maximum disk storage of 20,950,160 words.

5.3.4. Labeling/Tagging Conventions. Each record identified in the schema is assigned a unique record code. The SBSS uses three characters for record code assignments. All data

elements within each record use the record code as the first three characters for identification purposes.

5.3.5. Creation of Subschemas. The creation of subschemas limits a user's view of the database to subsets of the areas, records, sets, and data names described by the schema. The subschemas provide a description of the views of the database. The use of a subschema provides important protection for sensitive information and permits access to only as much of the database as the user is permitted to see. The subschema is created by the subschema Data Definition Language (SDDL) processor (SPERRY UP-8505 Data Management System (DMS 1100) Level 8R1, Subschema Definition).

5.3.6. Schema/Subschema Identification. The SBSS absolute schema is identified as SBSS-SCHEMA and resides in a file called DMS\$<ALN>\*SBSS-SCHEMA. The SBSS absolute subschemas also reside in file DMS\$<ALN>\*SBSS-SCHEMA.

5.3.6.1. **EXAMPLES:** The absolute schema DMS\$<ALN>\*SBSS-SCHEMA.SBSS-SCHEMA allows the users to access the entire SBSS database. The subschema DMS\$<ALN>\*SBSS-SCHEMA.SBSS-QLP1 allows access only to records residing on Gang 1.

#### 5.4. Cross-Reference - SBSS Database Record Number to Chapter/Para.

**Table 5.1. SBSS Database Record Number to Chapter/Para.**

RECORD NUMBER & NAME	REFERENCE
001 BASE CONSTANTS-1 RECORD	Ch 6, Para. 6.3.
002 SPECIAL CONTROL RECORD	Ch 6, Para. 6.4.
003 EXCEPTION PHRASE RECORD	Ch 6, Para. 6.5.
004 FSC RECORDS	Ch 6, Para. 6.6.
005 MMC RECORDS	Ch 6, Para. 6.7.
006 REJECT NOTICE RECORD	Ch 6, Para. 6.8.
007 ROUTING IDENTIFIER RECORD	Ch 6, Para. 6.9.
008 STANDARD REPORTING DESIGNATOR RECORD	Ch 6, Para. 6.10.
009 TRANSACTION PHRASE RECORD	Ch 6, Para. 6.11.
010 TYPE CARGO PHRASE RECORD	Ch 6, Para. 6.12.
012 QUANTITY UNIT PACK CONVERSION RECORD	Ch 6, Para. 6.13.
013 RID/DODAAC CONVERSION RECORD	Ch 6, Para. 6.14.
014 BASE CONSTANTS-2 RECORD	Ch 6, Para. 6.15.
015 SUPPORT AREA KEYS RECORD	Ch 6, Para. 6.16.



016 INVENTORY ACCURACY HEADER RECORD	Ch 6, Para. 6.17.
017 ITEM WAREHOUSE LOCATION RECORD	Ch 6, Para. 6.18.
018 REJECT CLEAR HEADER RECORD	Ch 6, Para. 6.19.
019 ADS INTERFACE RECORD	Ch 6, Para. 6.20.
020 REVERSE-POST SAVE RECORD	Ch 6, Para. 6.21.
021 BASE-CONSTANTS-3	Ch 6, Para. 6.22.
024 MRSP/IRSP SERIAL NUMBER	Ch 6, Para. 6.24.
025 MOBILITY READINESS SPARES KIT/IN-PLACE READINESS SPARES PACKAGE (MRSP/IRSP) CONTROL RECORD	Ch 6, Para. 6.25.
026 FILES MAINTENANCE CONTROL RECORD	Ch 6, Para. 6.26.
030 SHIP STATUS HEADER RECORD	Ch 6, Para. 6.27.
032 PROJECT HEADER RECORD	Ch 6, Para. 6.29.
902 PSEUDO CONTROL 1 RECORD	Ch 6, Para. 6.30.
903 PSEUDO TRANS 1 RECORD	Ch 6, Para. 6.31.
904 PSEUDO TRANS LONG 1 RECORD	Ch 6, Para. 6.32.
905 PSEUDO CONTROL 2 RECORD	Ch 6, Para. 6.33.
906 PSUEDO TRANS 2 RECORD	Ch 6, Para. 6.34.
907 PSEUDO TRANS LONG 2 RECORD	Ch 6, Para. 6.35.
908 PSEUDO CONTROL 3 RECORD	Ch 6, Para. 6.36.
909 PSEUDO TRANS 3 RECORD	Ch 6, Para. 6.37.
910 PSEUDO TRANS LONG 3 RECORD	Ch 6, Para. 6.38.
100 SYSTEM AREAS RECORD	Ch 7, Para. 7.2.
101 ITEM-RECORD RECORD	Ch 7, Para. 7.3.
102 REPAIR CYCLE RECORD	Ch 7, Para. 7.4.
103 DOCUMENT NUMBER RECORD	Ch 7, Para. 7.5.
105 INTERCHANGEABLE AND SUBSTITUTE GROUP RECORD	Ch 7, Para. 7.6.
106 SYSTEM DESIGNATOR RECORD	Ch 7, Para. 7.7.
107 SRD-CONSUMPTION RECORD	Ch 7, Para 7.8.
108 SERIAL-NBR-REC	Ch 7, Para. 7.9.
109 MAPS-REC	Ch 7, Para. 7.10.

110 WAR-TIME	Ch 7, Para. 7.11.
111 ONLINE-MGMT	Ch 7, Para 7.12.
112 TERMINAL COUNTS RECORD	Ch 7, Para 7.13.
201 AUTHORIZED IN-USE DETAIL RECORD	Ch 8, Para. 8.2.
202 DUE-IN DETAIL RECORD	Ch 8, Para. 8.3.
203 DUE-IN FROM MAINTENANCE DETAIL RECORD	Ch 8, Para. 8.4.
204 UNSERVICEABLE DETAIL RECORD	Ch 8, Para. 8.5.
205 DUE-OUT DETAIL RECORD	Ch 8, Para. 8.6.
206 EXCESS REPORT DETAIL RECORD	Ch 8, Para. 8.7.
207 EOQ CONSUMPTION DETAIL RECORD	Ch 8, Para. 8.8.
208 STATUS FLP MILSTRIP DETAIL RECORD	Ch 8, Para. 8.9.
209 STATUS BILLED NOT RECEIVED DETAIL RECORD	Ch 8, Para. 8.10.
210 STATUS LOCAL PURCHASE DETAIL RECORD	Ch 8, Para. 8.11.
211 STATUS SHIP DETAIL RECORD	Ch 8, Para. 8.12.
212 STATUS BC Z INVESTMENT UOO DETAIL RECORD	Ch 8, Para. 8.13.
213 RECEIVED BUT NOT BILLED DETAIL RECORD (RNB)	Ch 8, Para. 8.14.
214 REM VEHICLES ONLY DETAIL RECORD	Ch 8, Para. 8.15.
215 SHIPPED NOT CREDITED DETAIL RECORD	Ch 8, Para. 8.16.
216 SPECIAL LEVEL DETAIL RECORD	Ch 8, Para. 8.17.
217 MASTER BENCH STOCK DETAIL RECORD	Ch 8, Para. 8.18.
218 SUPPLY POINT DETAIL RECORD	Ch 8, Para. 8.19.
221 CLAIMS RECEIVABLE DETAIL RECORD	Ch 8, Para. 8.22.
222 PART NUMBER DETAIL RECORD	Ch 8, Para. 8.23.
223 VENDOR-OWNED CONTAINER DETAIL RECORD	Ch 8, Para. 8.24.
224 SHIPMENT SUSPENSE DETAIL RECORD	Ch 8, Para. 8.25.
225 SPECIAL PURPOSE ASSET DETAIL RECORD	Ch 8, Para. 8.26.
228 MICAP/AWP SUSPENSE DETAIL RECORD	Ch 8, Para. 8.27.

229 EXCESS TRANSPORTATION PAYABLE DETAIL RECORD	Ch 8, Para. 8.28.
230 MUNITION WRM SPARES DETAIL RECORD	Ch 8, Para. 8.29.
232 MISSION SUPPORT KIT (MSK) DETAIL RECORD	Ch 8, Para. 8.30.
233 SPECIAL SPARES DETAIL RECORD	Ch 8, Para. 8.31.
234 HIGH PRIORITY MISSION SUPPORT KIT (HPMSK) DETAIL RECORD	Ch 8, Para. 8.32.
235 SCHEME DETAIL RECORD	Ch 8, Para. 8.33.
237 NON-AIRBORNE MOBILITY READINESS SPARES PACKAGE (NAMRSP) DETAIL RECORD	Ch 8, Para. 8.34.
238 WEAPONS TRAINING DETACHMENT OPERATING SYSTEM (WTDOS) DETAIL RECORD	Ch 8, Para. 8.35.
239 AIRBORNE MOBILITY READINESS SPARES PACKAGE (AMRSP) DETAIL RECORD	Ch 8, Para. 8.36.
240 WAR RESERVE MATERIEL/IN-PLACE READINESS SPARES PACKAGE (WRM/IRSP) DETAIL RECORD	Ch 8, Para. 8.37.
241 WAR RESERVE MATERIEL/WAR CONSUMABLE DISTRIBUTION OBJECTIVE (WRM/WCDO) SPARES RECORD	Ch 8, Para. 8.38.
249 SERIALIZED-CONTROL-DETAIL	Ch 8, Para. 8.39.
250 IN-USE-SERIALIZED-CONTROL DETAIL	Ch 8, Para. 8.40.
302 GLA CODES RECORD	Ch 9, Para. 9.2.
303 A&F GENERAL LEDGER ACCUMULATOR (MGL) RECORD	Ch 9, Para. 9.3.
304 A&F GENERAL LEDGER ACCUMULATOR (ZBL) RECORD	Ch 9, Para. 9.4.
305 A&F GENERAL LEDGER ACCUMULATOR (ZGL) RECORD	Ch 9, Para. 9.5
306 A&F GENERAL LEDGER ACCUMULATOR (ZOO) RECORD	Ch 9, Para. 9.6
307 A&F GENERAL LEDGER ACCUMULATOR (ZTR) RECORD	Ch 9, Para. 9.7.
308 A&F GENERAL LEDGER/ACCOUNTS RECEIVABLE (ZCC) RECORD	Ch 9, Para. 9.8.

309 A&F SEQUENCE CONTROL RECORD	Ch 9, Para. 9.9.
310 A&F VARIABLE DATA RECORD	Ch 9, Para. 9.10.
311 PROJECT FUNDS MANAGEMENT RECORD	Ch 9, Para. 9.11.
312 STOCK FUND INVENTORY MANAGEMENT RECORD (SFIMR)	Ch 9, Para. 9.12.
313 MATERIEL ACQUISITION CONTROL RECORD STOCK FUND	Ch 9, Para. 9.13.
314 MATERIEL ACQUISITION CONTROL RECORD BUDGET CODE Z	Ch 9, Para. 9.14.
315 A&F GENERAL LEDGER ACCUMULATOR (ACM) RECORD	Ch 9, Para. 9.15.
316 FOREIGN CURRENCY RECORD	Ch 9, Para. 9.16.
317 DAILY EXCHANGE RATE RECORD	Ch 9, Para. 9.17.
318 BILLING VARIABLE RECORD	Ch 9, Para. 9.18.
319 MATERIEL ACQUISITION CONTROL RECORD (NATO)	Ch 9, Para. 9.19.
321 DODAAC FUND CODE VALIDATION RECORD	Ch 9, Para. 9.20.
322 FUELS CONSUMPTION	Ch 9, Para. 9.21.
328 BILLED-OFFICE RECORD	Ch 9, Para. 9.22.
331 AF SCRATCH PAD RECORD	Ch 9, Para. 9.23.
332 MACR-GSD-PART2 RECORD	Ch 9, Para. 9.24.
333 MACR-GSD-PART2-1FY RECORD	Ch 9, Para. 9.25.
334 MACR-GSD-PART2-2FY RECORD	Ch 9, Para. 9.26.
501 INVENTORY ACCURACY RECORD ACCOUNT B/E COMPLETE RECORD	Ch 11, Para. 11.2.
502 INVENTORY ACCURACY RECORD ACCOUNT B/E SPECIAL RECORD	Ch 11, Para. 11.3.
503 INVENTORY ACCURACY RECORD ACCOUNT B/E IDENTITY CHANGES RECORD	Ch 11, Para. 11.4.
504 INVENTORY ACCURACY RECORD ACCOUNT B/E SAMPLE RECORD	Ch 11, Para. 11.5.
505 INVENTORY ACCURACY RECORD ACCOUNT K COMPLETE RECORD	Ch 11, Para. 11.6.

507 INVENTORY ADJUSTMENT CONTROL RECORD	Ch 11, Para. 11.7.
508 INVENTORY ADJUSTMENT BASIC RECORD	Ch 11, Para. 11.8.
509 SAMPLE INVENTORY CERTIFICATE RECORD	Ch 11, Para. 11.9.
510 SAMPLE INVENTORY SUSPENSE RECORD	Ch 11, Para. 11.10.
515 ISSL DATA RECORD	Ch 11, Para. 11.11.
516 ORGANIZATION COST CENTER 001-099 RECORD	Ch 11, Para. 11.12.
517 MISSION CHANGE GAIN DATA	Ch 11, Para. 11.13.
518 ORGANIZATION COST CENTER 100-999 RECORD	Ch 11, Para. 11.14.
519 SHIPPING DESTINATION RECORD	Ch 11, Para. 11.15.
520 REPORTS SEQUENCE CONTROL RECORD	Ch 11, Para. 11.16.
521 DAILY REJECT SUSPENSE RECORD	Ch 11, Para. 11.17.
522 CUMULATIVE REJECT SUSPENSE 1 RECORD	Ch 11, Para. 11.18.
526 INVENTORY ACCURACY ACCOUNT K SPECIAL RECORD	Ch 11, Para. 11.19.
527 INVENTORY ACCURACY ACCOUNT K IDENTITY CHANGE RECORD	Ch 11, Para. 11.20.
529 WHSE-VALID-HEADER	Ch 11, Para. 11.21.
530 LOCATION VALIDATION RECORD	Ch 11, Para. 11.22.
531 CIC 1RS EIC HEADER	Ch 11, Para. 11.23.
532 CIC 1RS EIC INVENTORY RECORD	Ch 11, Para. 11.24.
533 IRC IRR HEADER	Ch 11, Para. 11.25.
534 IRC INVENTORY RECORD	Ch 11, Para. 11.26.
535 BENCH STOCK INPUT	Ch 11, Para. 11.27.
536 BENCH STOCK ISSUE	Ch 11, Para. 11.28.
537 ENGINEERING INSTALLATION DIVISION (EID) PROJECT ROUTINE ISSUERECD	Ch 11, Para. 11.29.
539 BENCH STOCK CONTROL	Ch 11, Para. 11.30.
541 ROUTING IDENTIFIER DELETION (FRD) DELETE HEADER	Ch 11, Para. 11.31.
543 DELIVERY DESTINATION RECORD	Ch 11, Para. 11.32.

555 TRANSPORTATION ACTION REQUIRED (TAR) HEADER RECORD	Ch 11, Para. 11.33.
556 TRANSPORTATION ACTION REQUIRED RECORD	Ch 11, Para. 11.34.
557 ROF IDENTITY	Ch 11, Para. 11.35.
558 ORG-COST-CENTER	Ch 11, Para. 11.36.
600 BASE SUPPLY MANAGEMENT CONTROL	Ch 12, Para. 12.2.
602 CUSTOMER SUPPORT EFFECTIVENESS RECORD	Ch 12, Para. 12.3.
603 WEAPON SUPPORT EFFECTIVENESS RECORD	Ch 12, Para. 12.4.
604 GROSS NET AVAILABILITY	Ch 12, Para. 12.5.
605 BENCH STOCK SUMMARY	Ch 12, Para. 12.6.
606 RETAIL OUTLET DATA	Ch 12, Para. 12.7.
607 REPAIR CYCLE ASSET CONTROL	Ch 12, Para. 12.8.
609 MICAP ANALYSIS	Ch 12, Para. 12.9.
610 DUE-OUT ANALYSIS RECORD	Ch 12, Para. 12.10.
611 REASON FOR NON-AVAILABILITY	Ch 12, Para. 12.11.
612 CUSTOMER WAIT TIME	Ch 12, Para. 12.12.
613 DUE-OUT SCHEDULE RECORD	Ch 12, Para. 12.13.
614 DUE-OUT CANCELLATION SUMMARY	Ch 12, Para. 12.14.
615 REQUISITION SUMMARY	Ch 12, Para. 12.15.
616 DUE-IN SUMMARY	Ch 12, Para. 12.16.
617 INVENTORY CONTROL DATA	Ch 12, Para. 12.17.
618 AVERAGE INVENTORY INVESTMENTS	Ch 12, Para. 12.18.
619 EXCESS STRATIFICATION	Ch 12, Para. 12.19.
620 TRANSACTION SUMMARY	Ch 12, Para. 12.20
621 SUPPLY RECORD COUNT	Ch 12, Para. 12.21.
622 ITEM RECORD DATA	Ch 12, Para. 12.22.
623 MONTHLY INVENTORY ACCURACY STRATIFICATION	Ch 12, Para. 12.23.
624 FY INVENTORY ACCURACY STRATIFICATION	Ch 12, Para. 12.24.

625 MANAGEMENT REPORTS CONTROL TABLE	Ch 12, Para. 12.25.
627 MANAGEMENT EXPANSION DATA	Ch 12, Para. 12.26.
628 METRICS-ISE-DATA	Ch 12, Para. 12.27.
629 METRICS-RCM-DATA	Ch 12, Para. 12.28.
630 METRICS-CWT-DATA	Ch 12, Para. 12.29.
631 METRICS-RCM-CNTL-DATA	Ch 12, Para. 12.30.
720 SIFS INBOUND CONTROL RECORD	Ch 12, Para. 12.31.
721 SIFS OUTPUT CONTROL RECORD	Ch 12, Para. 12.32.
722 SIFS HEADER RECORD	Ch 12, Para. 12.33.
723 SIFS DLATS HEADER RECORD	Ch 12, Para. 12.34.
724 SIFS DLATS/ADRSS BOUND DATA RECORD	Ch 12, Para. 12.35.
725 SIFS NON-DLATS HEADER RECORD	Ch 12, Para. 12.36.
727 SIFS SNUD HEADER RECORD	Ch 12, Para. 12.37.
728 SIFS SNUD EFFECTIVE DATE HEADER RECORD	Ch 12, Para. 12.38.
729 SIFS SNUD DATA IMAGE RECORD	Ch 12, Para. 12.39.
730 SIFS D040 DATA HEADER RECORD	Ch 12, Para. 12.40.
731 SIFS D040 DATA IMAGE RECORD	Ch 12, Para. 12.41.
732 SIFS 404 (ISG) HEADER RECORD	Ch 12, Para. 12.42.
733 SIFS 404 (ISG) DATA IMAGE RECORD	Ch 12, Para. 12.43.
734 SIFS INBOUND DATA EQUATE RECORD	Ch 12, Para. 12.44.
735 SIFS SBSS/BCAS HEADER RECORD	Ch 12, Para. 12.45.
736 SIFS SBSS TO BCAS DATA RECORD	Ch 12, Para. 12.46.
737 SIFS BCAS INBOUND HEADER RECORD	Ch 12, Para. 12.47.
738 SIFS BCAS INBOUND IMAGE RECORD	Ch 12, Para. 12.48.
739 SIFS ACKNOWLEDGMENT HEADER RECORD	Ch 12, Para. 12.49.
740 SIFS BCAS ACKNOWLEDGMENT RECORD	Ch 12, Para. 12.50.
741 SIFS RESIDUE HEADER RECORD	Ch 12, Para. 12.51.
742 SIFS OUTPUT DATA RESIDUE RECORD	Ch 12, Para. 12.52.
743 SIFS INBOUND RESIDUE RECORD	Ch 12, Para. 12.53.
744 SIFS DLATS/ADRSS TRANSMISSION ACKNOWLEDGMENT RECORD	Ch 12, Para. 12.54.

745 SIFS TRANSACTION HISTORY RECORD	Ch 12, Para. 12.55.
747 SIFS SBSS/AFEMS HEADER RECORD	Ch 12, Para. 12.56.
748 SIFS AFEMS OUTBOUND DATA RECORD	Ch 12, Para. 12.57.
751 SIFS HOLD DATA RECORD	Ch 12, Para. 12.58.



## Chapter 6

### CONSTANT RECORDS

**6.1. Overview.** This chapter describes and contains the formats for the basic records used in the computer. **Note:** The database records are required. They may not be altered except as permitted under program control with an authorized input.

#### **6.2. Record Description Entry.**

6.2.1. Level Numbers. The first items of a record description entry are the level numbers. The 01 level number indicates that the item is a record. Levels 02, 03, 04, 05, etc., are used for subdivisions of group related record items.

6.2.2. Data Name or FILLER. Each item in the record description entry must contain either a data name or the reserved word FILLER (formerly = blank). The data name refers to the name of the storage area that contains the data. It does not refer to a particular value. The item referred to may assume numerous values during the execution of the program. The reserved word FILLER may be used in place of a data name.

6.2.3. Independent Clauses. Each record description entry may consist of one or more clauses that provide information about the data item. The most commonly used clauses are picture (PIC), usage computational (USAGE IS COMP), and occurs (OCCURS) clauses.

6.2.3.1. Picture (PIC) clauses specify the general characteristics and the detail description of a basic item. The clause tells how many characters describes the types of characters through the use of various symbols.

6.2.3.1.1. PIC X(05). In this example, the X stands for one character of any kind (alpha, numeric, special characters, or space). The (05) means that a five-character combination may be present in this field. It represents the length of the field.

6.2.3.1.2. PIC 9(05). In this example, the 9 stands for one decimal position. Each nine in these clauses represents one decimal position. (For the (05) meaning, see paragraph above.)

6.2.3.1.3. PIC S9(05). In this example, the S indicates that the number has an operational sign. An operational sign tells the computer that the number is negative or positive. (For the 9(05) meaning, see above.)

6.2.3.2. Usage computational (USAGE IS COMP) clauses specify computational clauses. All values in a computational clause represent values to be used in arithmetic operations. The values must be numeric. Computational clauses may be written at any level.

6.2.3.3. OCCURS clauses specify the number of times an item is repeated with no change in its usage or picture clauses. In addition, occurs clauses are used to define tables, matrixes, and other sets of data whose elements can be referred to by subscription or indexing.

#### **6.3. Base Constants-1 Record (001).**

6.3.1. Purpose. To establish and maintain the BASE-CONSTANTS-1 record. These records are created by the computer support base LGLO. Satellite accounts must coordinate their

changes to this record with their CSB. The BASE-CONSTANTS-1 record provides the constant data unique to each CSB operation. Most application and utility programs in the SBSS use these constants. Data elements in this record must be current at all times. The necessary file maintenance is accomplished by input of TRIC CON. See **Ch 2**.

6.3.1.1. Access. Only one of these records appears in the SBSS database and is accessed in a direct mode. The two parameters that must be initialized before accessing this record are as follows:

6.3.1.1.1. CON-1-KEY.

6.3.1.1.2. SUPRT-AREA-NAME. **Note:** The BASE-CONSTANTS-KEY is contained in the SUPPORT-AREA-KEYS record (015-RT-001). It consists of the following:

6.3.1.1.2.1. PAGE-NUM (4)

6.3.1.1.2.2. RECORD-NUM (1)

6.3.1.2. Size and Location. This fixed record length is 179 words and resides in the SUPPORT-GV area of the SBSS database.

6.3.2. Record Description. The description of the BASE-CONSTANTS-1 record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.1. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 001-FIXREC	OCCUR 12 TIMES	
10 001-FIX-COUNT	PIC X(04)	
05 001-GEOLOC	PIC X(04)	
05 001-MAJCOM-CODE	PIC X(02)	
05 001-OVERSEAS-FLAG	PIC X(01)	
05 001-FINANCIAL-REVISION-FLAG	PIC X(01)	
05 001-MULTIPLE-PURPOSE-FLAG	PIC X(01)	
05 001-TYPE-DATA-TRANSCIVE-FLAG	PIC X(01)	
05 001-AFO-PRINT-FLAG	PIC X(01)	
05 001-DATABASE-FLAG	PIC X(01)	
05 001-LOCAL-PURCHASE-SURCHARGE	PIC S9(05) USAGE IS COMP	
05 001-NATO-E3A-FLAG	PIC X(01)	
05 001-RDO-PRINT-OPTION	PIC X(01)	
05 001-GSA-SURCHARGE	PIC S9(05)	

	USAGE IS COMP	
05 001-GSD-SURCHARGE	PIC S9(05) USAGE IS COMP	
05 001-GSA-REGION-CODE	PIC X(01)	
05 001-TEX-CODE-8-FRC-OPTION	PIC X(01)	
05 001-MECH-PROCUREMENT-SYS-FLAG	PIC X(01)	
05 001-FUELS-DIVISION-SURCHARGE	PIC 9(05) USAGE IS COMP	
05 001-STD-DEVIATION-FACTOR	PIC X(01)	
05 001-CSB-NAME	PIC X(22)	
05 001-CSB-ADDRESS	PIC X(22)	
05 001-HOST-BASE-DATA		
10 001-CSB-SD	PIC X(02)	
10 001-CSB-RID	PIC X(03)	
10 001-CSB-SRAN	PIC X(04)	
10 001-CSB-FAD-CODE	PIC X(01)	
05 001-CSB-M-S-CODES	OCCURS 3 TIMES	Note 1
10 001-CSB-PRI-GP1-REQN	PIC X(01)	
10 001-CSB-PRI-GP2-REQN	PIC X(01)	
10 001-CSB-PRI-GP3-REQN	PIC X(01)	
10 001-CSB-STOCK-REPL-REQN	PIC X(01)	
05 001-SATELLITE-DATA	OCCURS 29 TIMES	Note 2
10 001-SAT-SD	PIC X(02)	
10 001-SAT-RID	PIC X(03)	
10 001-SAT-SRAN	PIC 9(04)	
05 001-PRIMARY-SECONDARY-FLAG	PIC X(01)	
05 001-LOGMARS-FLAG	OCCURS 30 TIMES	Notes 3, 4
10 001-LOG-SD	PIC X(02)	
10 001-LOG-REC	PIC X(01)	
10 001-LOG-BS	PIC X(01)	
10 001-LOG-WV-WI	PIC X(01)	

10 001-FAMS-ACTIVE	PIC X(01)	
10 001-LOG-EXPAND-2	PIC X(01)	
05 001-ADS-IMPLEMENTED-FLAGS		
10 001-BEAMS-FLAG	PIC X(01)	
10 001-VIMS-FLAG	PIC X(01)	
10 001-MORE-FLAG	PIC X(01)	
10 001-STR-FLAG	PIC X(01)	
10 001-SATS-FLAG-A	PIC X(01)	ES-S Asset Management uses the SATS codes.
10 001-CAMS-FLAG	PIC X(01)	
10 001-AFEMS-FLAG	PIC X(01)	
10 001-ADS-FILLER	PIC X(01)	
05 001-R920-FLAG	PIC X(01)	
05 001-MICAP-MGT-NOTICES-FLAG	PIC X(01)	
05 001-SDP-FLAG	PIC X(01)	
05 001-SHORTAGE-COST		
10 001-SPC-2-CUSTOMER	PIC 9(03) USAGE IS COMP	
10 001-SPC-3-CUSTOMER	PIC 9(03) USAGE IS COMP	
10 001-SPC-4-CUSTOMER	PIC 9(03) USAGE IS COMP	
10 001-SPC-2-UNIT	PIC 9(03) USAGE IS COMP	
10 001-SPC-3-UNIT	PIC 9(03) USAGE IS COMP	
10 001-SPC-4-UNIT	PIC 9(03) USAGE IS COMP	
05 001-SDP-PROJECT-CODE	PIC X(03)	
05 001-PRINT-QUEUE	PIC X(01)	
05 001-UPDATE-COUNT-FLAG	PIC X(01)	

05 001-FILLER-2	PIC X(05)	
05 001-ADS-ACTIVE-FLAGS	OCCURS 10 TIMES	
10 001-SATS-A	PIC X(01)	Note 5, ES-S Asset Management uses the SATS codes.
10 001-BCAS-B	PIC X(01)	
10 001-CMOS-C	PIC X(01)	
10 001-RESERVED-A	PIC X(01)	
10 001-CEMAS-E	PIC X(01)	
10 001-CAMS-M	PIC X(01)	
10 001-SCD-S	PIC X(01)	
10 001-TICARRS-T	PIC X(01)	
10 001-G081-G	PIC X(01)	
10 001-OST-O	PIC X(01)	Note 6
10 001-RESERVED-B	PIC X(01)	
10 001-RESERVED-C	PIC X(01)	
05 001-STOCKAGE-DECISION-FLAG-1	PIC X(01)	
05 001-STOCKAGE-DECISION-FLAG-2	PIC X(01)	
05 001-STOCKAGE-DECISION-FLAG-3	PIC X(01)	
05 001-BUDGET-CODE-Z-THRESHOLD	PIC 9(10) USAGE IS COMP	
05 001-DLA-RATE	PIC 9(05) USAGE IS COMP	Note 7
05 001-FILLER-4	PIC X(02)	

**Note:**

1. The three occurrences of the 001-CSB-M-S-CODES field are as follows:
  - a. (1) Supply (B) and Equipment (E) Accounts
  - b. (2) Munitions (K) Accounts
  - c. (3) Fuels (P) Accounts
2. The 29 occurrences of the 001-SATELLITE-DATA field are as follows:
  - a. (1) First Satellite Account
  - b. (2) Second Satellite Account

- c. (3) Third Satellite Account
- d. (4) Fourth Satellite Account
- e. (5) Fifth Satellite Account
- f. (6) Sixth Satellite Account
- g. (7) Seventh Satellite Account
- h. (8) Eighth Satellite Account
- i. (9) Ninth Satellite Account
- j. (10) Tenth Satellite Account
- k. (11) Eleventh Satellite Account
- l. (12) Twelfth Satellite Account
- m. (13) Thirteenth Satellite Account
- n. (14) Fourteenth Satellite Account
- o. (15) Fifteenth Satellite Account
- p. (16) Sixteenth Satellite Account
- q. (17) Seventeenth Satellite Account
- r. (18) Eighteenth Satellite Account
- s. (19) Nineteenth Satellite Account
- t. (20) Twentieth Satellite Account
- u. (21) Twenty-first Satellite Account
- v. (22) Twenty-second Satellite Account
- w. (23) Twenty-third Satellite Account
- x. (24) Twenty-fourth Satellite Account
- y. (25) Twenty-fifth Satellite Account
- z. (26) Twenty-sixth Satellite Account
- aa. (27) Twenty-seventh Satellite Account
- ab. (28) Twenty-eighth Satellite Account
- ac. (29) Twenty-ninth Satellite Account

3. The 30 occurrences of the 001-LOGMARS-FLAG are as follows:

- a. (1) System Designator 01
- b. (2) Accumulator A1
- c. (3) Accumulator A2
- d. (4) Accumulator A3

- e. (5) Accumulator A4
  - f. (6) Accumulator A5
  - g. (7) Accumulator A6
  - h. (8) Accumulator A7
  - i. (9) Accumulator A8
  - j. (10) Accumulator A9
  - k. (11) Accumulator B0
  - l. (12) Accumulator B1
  - m. (13) Accumulator B2
  - n. (14) Accumulator B3
  - o. (15) Accumulator B4
  - p. (16) Accumulator B5
  - q. (17) Accumulator B6
  - r. (18) Accumulator B7
  - s. (19) Accumulator B8
  - t. (20) Accumulator B9
  - u. (21) Accumulator C0
  - v. (22) Accumulator C1
  - w. (23) Accumulator C2
  - x. (24) Accumulator C3
  - y. (25) Accumulator C4
  - z. (26) Accumulator C5
  - aa. (27) Accumulator C6
  - ab. (28) Accumulator C7
  - ac. (29) Accumulator C8
  - ad. (30) Accumulator C9
4. Load a C in 001-LOG-EXPAND-2 to implement the SBSS/CMOS Interface.
5. The 10 occurrences of the 001-SATS-A (A in any occurrence indicates SATS is active for that system designator). The fields are as follows:
- a. (1) Host Account
  - b. (2) First Satellite Account
  - c. (3) Second Satellite Account

- d. (4) Third Satellite Account
- e. (5) Fourth Satellite Account
- f. (6) Fifth Satellite Account
- g. (7) Sixth Satellite Account
- h. (8) Seventh Satellite Account
- i. (9) Eighth Satellite Account
- j. (10) Ninth Satellite Account

**Note:** ES-S Asset Management uses the SATS codes.

6. Contains the base area/location code. Valid entries are 0-5. Areas are:

- a. 0 = CONUS
- b. 1 = Alaska (Elmendorf only), Hawaii, N. Atlantic, Caribbean, or Central America
- c. 2 = U.K. and Northern Europe
- d. 3 = Japan (Yokota only), Okinawa, Korea (Osan only), Philippines, Guam, and Western Mediterranean
- e. 4 = Hard-Lift Areas - All other destinations not included in paragraphs a-c above (e.g., S. America, Eastern Mediterranean, Africa, Diego Garcia, etc.) as determined by USTRANSCOM.

7. This is the increase in DLA transportation cost that is incurred when using express transportation for stock replenishment requisitions. For example, premium transportation shipment from DLA to a base in Area Code 0 costs \$7.69 more than shipment via routine transportation. It may be necessary in the future to change these values, if so, ILS-S Program Office will provide the new values and any special processing instructions. The values by area code as follows:

**Table 6.2. Premium Transportation Shipment Costs from DLA.**

AREA	COST
0	\$ 7.69
1	\$ 7.69
2	\$26.92
3	\$31.92
4	\$31.92

#### **6.4. Special Control Record (002).**

6.4.1. Purpose. To maintain a record so that in the event of a hardware malfunction, loss of user memory, or shutdown, the record may be read and the constants positioned.

6.4.1.1. Access. The SPECIAL-CONTROL record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are as follows:

6.4.1.1.1. SPECIAL-CNTL-KEY.



6.4.1.1.2. SUPRT-AREA-NAME. **Note:** The SPECIAL-CNTRL-KEY is contained in the SUPPORT-AREA-KEYS record (015-RT-002). It consists of the following:

6.4.1.1.2.1. PAGE-NUM (1)

6.4.1.1.2.2. RECORD-NUM (39)

6.4.1.2. Size and Location. This fixed record length is 10 words and resides in the SUPPORT-GV area of the SBSS database.

6.4.2. Record Description. The description of the SPECIAL-CONTROL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.3. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 002-PGM-AND-SEQ-CONTROL-FLAGS-1		
10 002-FLAG-A	PIC X(01)	
10 002-FLAG-C	PIC X(01)	
10 002-FLAG-F	PIC X(01)	
10 002-FLAG-I	PIC X(01)	
05 002-CALENDAR-DATE		
10 002-CAL-DAY	PIC 9(02)	
10 002-CAL-MONTH	PIC X(03)	
10 002-CAL-YEAR	PIC 9(04)	
05 002-Y2K-JUL-DATE		
10 002-JUL-CENTURY	PIC 9(02)	
10 002-JUL-DECADE	PIC 9(01)	
10 002-JULIAN-DATE		
15 002-JULIAN-YEAR	PIC 9(01)	
15 002-JULIAN-DAY	PIC 9(03)	
05 002-TRANSACTION-NBR	PIC 9(05) USAGE IS COMP	
05 002-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 002-REQUISITION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 002-PGM-SEQ-CONTROL-FLAGS-2		

10 002-FLAG-S	PIC X(01)	
10 002-FLAG-U	PIC X(01)	
10 002-DVAC-FLAG	PIC X(01)	
05 002-DATABASE-DATE	PIC 9(10) USAGE IS COMP	
05 002-SSW-1-FLAG	PIC X(01)	
05 002-SSW-2-FLAG	PIC X(01)	
05 002-SSW-3-FLAG	PIC X(01)	
05 002-ATH-IMPLEMENTED	PIC X(01)	
05 002-ATH-AVAILABLE	PIC X(01)	
05 002-NEW-CALENDAR-DATE		
10 002-CALENDAR-YEAR	PIC 9(04) USAGE IS COMP	
10 002-CALENDAR-MONTH	PIC 9(02) USAGE IS COMP	
10 002-CALENDAR-DAY	PIC 9(02) USAGE IS COMP	
05 002-CALENDAR-CENTURY	PIC 9(02) USAGE IS COMP	
05 002-ORDINAL-DATE	PIC 9(07) USAGE IS COMP	

## 6.5. Exception Phrase Record (003).

6.5.1. Purpose. To provide for a plain language phrase printout for selected items that require external decisions as a result of an attempted transaction or a processed transaction. The monthly report can determine the effect that the use of each code has on the daily processing. The records are established as a part of the conversion process. Additions, deletions, and changes to the records are accomplished at base level using the load inputs supplied by the ILS-S Program Office or prepared locally for those codes and phrases reserved for MAJCOM use.

6.5.1.1. Access. The EXCEPTION-PHRASES record is accessed in a direct mode. It is not an owner or member record in any set. The two parameters that must be initialized before accessing this record are as follows:

6.5.1.1.1. EXCPTN-PHRASE-KEY.

6.5.1.1.2. SUPRT-AREA-NAME. **Note:** The EXCPTN-PHRASE-KEY consists of the following:

6.5.1.1.2.1. PAGE-NUM (1)

6.5.1.1.2.2. RECORD-NUM (1 through 37)

6.5.1.2. Size and Location. This fixed record length is 61 words and resides in the SUPPORT-GV area of the SBSS database.

6.5.2. Record Description. The description of the EXCEPTION-PHRASES record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.4. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 003-CALC-KEY	PIC X(03)	
05 003-SYS-DESIG	PIC X(02)	
05 003-EXCEPTION-CODE	PIC X(01)	
05 003-EXCESS-DATA		
10 003-EXC-EXCEPTION-PHRASE	PIC X(35)	
10 003-EXC-EXCEPTION-NOTICE-CODE	PIC X(01)	
10 003-EXC-MONITOR-OFFICE	PIC X(05)	
10 003-EXC-MONITOR-PHONE	PIC X(07)	
10 003-EXC-FILLER	PIC X(11)	
05 003-ISSUE-DATA		
10 003-ISU-EXCEPTION-PHRASE	PIC X(35)	
10 003-ISU-EXCEPTION-NOTICE-CODE	PIC X(01)	
10 003-ISU-MONITOR-OFFICE	PIC X(05)	
10 003-ISU-MONITOR-PHONE	PIC X(07)	
10 003-ISU-FILLER	PIC X(11)	
05 003-REQUISITION-DATA		
10 003-RQN-EXCEPTION-PHRASE		Note 1
15 003-RQN-STOCK-REPLEN-FLAG	PIC X(01)	
15 003-RQN-DUE-OUT-FLAG	PIC X(01)	
15 003-RQN-PROJECT-CODE	PIC X(03)	
15 003-RQN-FROM-SYS-DESIG	PIC X(02)	

15 003-RQN-FROM-RID	PIC X(03)	
15 003-RQN-FWD-SUPPLY-POINT	PIC 9(01)	
15 003-RQN-MICAP-OVERRIDE-FLAG	PIC X(01)	
15 003-RQN-UND-A-OVERRIDE-FLAG	PIC X(01)	
15 003-RQN-SUPP-ADDRESS	PIC X(06)	
15 003-RQN-PRIORITY	PIC 9(02)	
15 003-RQN-LATERAL-SUPPORT-FLAG	PIC 9(01)	
15 003-RQN-ADVICE-CODE	PIC X(02)	
15 003-RQN-PROJECT-NAME	PIC X(10)	
15 003-RQN-SIGNAL-CODE	PIC X(01)	
10 003-RQN-EXCEPTION-NOTICE-CODE	PIC X(01)	
10 003-RQN-MONITOR-OFFICE	PIC X(05)	
10 003-RQN-MONITOR-PHONE	PIC X(07)	
10 003-RQN-FILLER	PIC X(11)	
05 003-SHIPMENT-DATA		
10 003-SHP-EXCEPTION-PHRASE		Note 2
15 003-SHP-1ST-OVERRIDE-FLAG	PIC X(01)	
15 003-SHP-2ND-OVERRIDE-FLAG	PIC X(01)	
15 003-SHP-TO-SRAN-FOR-CREDIT	PIC X(06)	
15 003-SHP-FUND-CODE	PIC X(02)	
15 003-SHP-PROJECT-CODE	PIC X(03)	
15 003-SHP-SIGNAL-CODE	PIC X(01)	
15 003-SHP-TO-SRAN	PIC X(06)	
15 003-SHP-PRIORITY	PIC 9(02)	
15 003-SHP-MARK-FOR	PIC X(07)	
15 003-SHP-TO-RID	PIC X(03)	
15 003-SHP-TYPE-MAINT-ACTIVITY	PIC X(01)	Note 3
15 003-SHP-1-BOOK-1348-FLAG	PIC X(01)	Note 4
15 003-SHP-NO-SSC-DETAIL-FLAG	PIC X(01)	Note 5
10 003-SHP-EXCEPTION-NOTICE-CODE	PIC X(01)	
10 003-SHP-MONITOR-OFFICE	PIC X(05)	

10 003-SHP-MONITOR-PHONE	PIC X(07)	
10 003-SHP-FILLER	PIC X(11)	
<b>Note:</b> 1. This field contains the 35-position requisition exception phrase. However, when the 003-RQN-STOCK-REPLEN-FLAG and/or the 003-RQN-DUE-OUT-FLAG contains an * (asterisk), this field contains the requisition override information shown at the 15 level. 2. This field contains the 35-position shipment exception phrase. However, when the 003-OVERRIDE-FLG contains an * (asterisk), this field contains the shipment information shown at the 15 level. 3. A Y in this field indicates reparables with maintenance action codes 1-7 will be shipped to the centralized repair activity. 4. A Y in this field will produce only one book of 1348-1A shipment documents. 5. A Y in this field will suppress creating a shipment suspense detail.		

## 6.6. FSC Records (004).

6.6.1. Purpose. To identify the Federal Supply Classes (FSC) authorized to be loaded in a base account. This record contains codes used to determine Air Force Materiel Command (AFMC) inventory managers and Defense Logistics Agency (DLA) supply centers. Specific FSCs may be restricted to supplies or equipment. The new item record load program uses this record to determine authorized FSCs. See AFH 23-123, Vol 2, Pt 2, Ch 8 for an explanation of FSC records.

6.6.1.1. Access. The FSC record is accessed by the SBLC, DMSCALC randomization routine. The two parameters that must be initialized before accessing this record are as follows:

6.6.1.1.1. 004-FEDERAL-SUPPLY-CLASS.

6.6.1.1.2. MISC-AREA-NAME.

6.6.1.2. Size and Location. This fixed record length is two words and resides in the MISC-AREA area of the SBSS database.

6.6.2. Record Description. The description of the FSC record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.5. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 004-FEDERAL-SUPPLY-CLASS	PIC 9(04)	Note
05 004-AFMC-IM-CODE	PIC X(01)	Note
05 004-GSA-REGION-CODE	PIC X(01)	Note
<b>Note:</b>		

These record elements constitute one FSC record. The FSC is only stored once and is the same for all FSC records. (AFH 23-123, Vol 2, Pt 2, Ch 8, lists and defines codes for these data elements.)

## 6.7. MMC Records (005.)

6.7.1. Purpose. To identify the Materiel Management Codes (MMCs) authorized to be loaded in a base account. This record contains codes used to determine Air Force Materiel Command (AFMC) inventory managers and Defense Logistics Agency (DLA) supply centers. Each base should load only the records for MMCs authorized in their account. The new item record load program uses this record to determine authorized MMCs. See AFH 23-123, Vol 2, Pt 2, Ch 8, for an explanation of MMC records.

6.7.1.1. Access. The MMC record is accessed in a direct mode. It is not an owner or member record in any set. The two parameters that must be initialized before accessing this record are as follows:

6.7.1.1.1. MMC-KEY.

6.7.1.1.2. SUPRT-AREA-NAME. **Note:** The MMC-KEY consists of the following:

6.7.1.1.2.1. PAGE-NUM (2)

6.7.1.1.2.2. RECORD-NUM (1 through 26)

6.7.1.2. Size and Location. This fixed record length is 14 words and resides in the SUPPORT-GV area of the SBSS database.

6.7.2. Record Description. The description of the MMC record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.6. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 005-POS-1-OF-MMC	PIC X(01)	
05 005-MMC	OCCURS 26 TIMES	
10 005-POS-2-OF-MMC	PIC X(01)	Note
10 005-AFMC-IM-CODE	PIC X(01)	Note
<b>Note:</b> These record elements constitute one MMC record. The MMC is only stored once and is the same for all MMC records. (AFH 23-123, Vol 2, Pt 2, Ch 8, lists and defines codes for these data elements.)		

## 6.8. Reject Notice Record (006).

6.8.1. Purpose. To provide plain language reject phrases and management notices. The record is established at the time of conversion and is required. In addition, this record contains control information for program NGV215, Reject and Restore.

6.8.1.1. Access. The REJECT-NOTICES record is accessed in a direct mode. It is not an owner or member record in any set. The two parameters that must be initialized before accessing this record are as follows:

6.8.1.1.1. REJECT-NOTICE-KEY.

6.8.1.1.2. SUPRT-AREA-NAME. **Note:** The REJECT-NOTICE-KEY consists of the following:

6.8.1.1.2.1. PAGE-NUM (40 through 61)

6.8.1.1.2.2. RECORD-NUM (1 through 74)

6.8.1.2. Size and Location. This fixed record length is 20 words and resides in the SUPPORT-GV area of the SBSS database.

6.8.2. Record Description. The description of the REJECT-NOTICES record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.7. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 006-ACTION-REQUIRED-FLAG	PIC X(01)	Note 1
05 006-DATA-LOCATION-FLAG	PIC X(01)	Note 2
05 006-REJECT-NBR	PIC 9(04)	
05 006-TRIC	PIC X(03)	Notes 3, 5
05 006-REJECT-MGT-PHRASE-MSG	PIC X(70)	Notes 4, 5
05 006-PRINT-FLAG	PIC X(01)	
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>The action flag is a method of programming to ensure that specific actions are taken at the time of reject. When a reject occurs, the input and the phrase appear on the input terminal. Additional printing and action occurs as follows: <ol style="list-style-type: none"> <li>X (32) bit = Print the reject on the AFMC SCM-R Information Technology Activity console.</li> <li>2 bit = An internal suspense record is to be established for the input.</li> <li>4 bit = All records thus far updated as a result of this input are to be restored to their original condition.</li> </ol> </li> <li>The data location flag specifies the location of additional data to be printed. The number of characters that can be assembled for printing on the printer or terminal in each area is restricted to 80. For the AFMC SCM-R Information Technology Activity console, the number of characters may not exceed 60 for offline processing or 72 characters inline. The data location flags are as follows: <ol style="list-style-type: none"> <li>1 bit = Print data from the CSCOM-RECORD-AREA-1.(reject) or MGT (management).</li> <li>2 bit = Print data from the CSCOM-RECORD-AREA-2.</li> </ol> </li> </ol>		

- c. 4 bit = Print data from the CSCOM-RECORD-AREA-3.
  - d. 8 bit = Print data from the CSCOM-RECORD-AREA-4.
3. The transaction identification code must always be REJ (reject) or (management).
  4. The REJ/MGT phrase message is restricted to 49 characters during end-of-day processing.
  5. The format of the management notices are identical to notes 3 and 4 except the characters MGT are the first three positions of the message. This signifies the difference between the reject and management notice when they are printed.

## 6.9. Routing Identifier Record (007).

6.9.1. Purpose. To serve as a data documentation record. The ROUTING-IDENTIFIER record documents processing that has occurred between the base and the support agency to which requisitions are forwarded. The ROUTING-IDENTIFIER record is established and maintained at base level.

6.9.1.1. Access. The DMR uses the DMS-1100 supplied randomization routine, DMSCALC, as the prime path to access a ROUTING-IDENTIFIER record. The keys required by the DMSCALC routine are as follows:

6.9.1.1.1. 007-CALC-KEY. This key contains the following:

6.9.1.1.1.1. Positions 1-3 = ROUTNG-IDNTFYR

6.9.1.1.1.2. Positions 4-5 = SYSTEM-DESIGNATOR

6.9.1.1.2. RID-AREA-NAME.

6.9.1.2. Size and Location. This fixed record length is 72 words and resides in the MISC-GV area of the SBSS database.

6.9.2. Record Description. The description of the ROUTING-IDENTIFIER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.8. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 007-CALC-KEY	PIC X(05)	
05 007-RID	PIC X(03)	
05 007-SYS-DESIG	PIC X(02)	
05 007-DEPOT-NAME	PIC X(10)	
05 007-EOQ	PIC 9(05) USAGE IS COMP	
05 007-VARIANCE-OF-OST-FAST	PIC 9(05) USAGE IS COMP	Note 18



05 007-VARIANCE-OF-OST-SLOW	PIC 9(05) USAGE IS COMP	
05 007-PRIORITY-GROUP-ONE	PIC 9(05) USAGE IS COMP OCCURS 11 TIMES	Note 1
05 007-PRIORITY-GROUP-TWO	PIC 9(05) USAGE IS COMP OCCURS 11 TIMES	Note 2
05 007-PRIORITY-GROUP-THREE	PIC 9(05) USAGE IS COMP OCCURS 11 TIMES	Note 3
05 007-NBR-RECEIPTS-LT-STANDARD	PIC 9(05) USAGE IS COMP	Note 8
05 007-NBR-RECEIPTS-GT-STANDARD	PIC 9(05) USAGE IS COMP	Note 9
05 007-OST-STANDARD	PIC 9(05) USAGE IS COMP OCCURS 4 TIMES	Note 4
05 007-BYPASS-UPDATE-FLAG	PIC X(01) OCCURS 4 TIMES	Note 4
05 007-CREATE-TPC-IMAGE-FLAG	PIC X(01)	Note 5
05 007-BASE-LOCATION-FLAG	PIC X(01)	Note 5
05 007-NBR-OF-RQNS	PIC 9(05) USAGE IS COMP OCCURS 4 TIMES	Note 4
05 007-TOTAL-OST-DAYS	PIC 9(07) USAGE IS COMP OCCURS 4 TIMES	Note 10
05 007-ACTUAL-OST-DAYS	PIC 9(07) USAGE IS COMP OCCURS 4 TIMES	Note 11
05 007-ON-TIME-STATUS	PIC 9(05)	Note 6

	USAGE IS COMP OCCURS 3 TIMES	
05 007-DELAYED-STATUS	PIC 9(05) USAGE IS COMP OCCURS 3 TIMES	Note 6
05 007-BASE-INITIATED-CANC	PIC 9(05) USAGE IS COMP OCCURS 4 TIMES	Note 4
05 007-RQMTS-INITIATED-CANC	PIC 9(05) USAGE IS COMP OCCURS 4 TIMES	Note 4
05 007-DEPOT-CONFIRMED-CANCELLED	PIC 9(05) USAGE IS COMP OCCURS 4 TIMES	Note 4
05 007-DEPOT-CANCELLATIONS	PIC 9(05) USAGE IS COMP OCCURS 4 TIMES	
05 007-DEPOT-REJECTS	PIC 9(05) USAGE IS COMP OCCURS 4 TIMES	Note 4
05 007-FLP-SUBMITTED-WO-STATUS	PIC 9(05) USAGE IS COMP OCCURS 4 TIMES	Note 4
05 007-FLP-SUBMITTED-W-STATUS	PIC 9(05) USAGE IS COMP OCCURS 4 TIMES	Note 4
05 007-NBR-OF-AN1-RECEIVED	PIC 9(05) USAGE IS COMP	
05 007-NBR-OF-BS-CANCELLATIONS	PIC 9(05) USAGE IS COMP	
05 007-NBR-OF-AP1-CREATED	PIC 9(05) USAGE IS COMP	

05 007-NBR-OF-AP1-FROM-Q12	PIC 9(05) USAGE IS COMP	
05 007-NBR-OF-AP1-WITH-0-QTY	PIC 9(05) USAGE IS COMP	
05 007-STATUS-CODE-EXCEPTION	OCCURS 10 TIMES	Note 7
10 007-STATUS-CODE	PIC X(02)	
10 007-EXCEPTION-COUNTER	PIC 9(05) USAGE IS COMP	
05 007-BC1-OST-PRI-GROUPS	PIC 9(05) USAGE IS COMP	
05 007-BC1-BYPASS-UPDATE-FLAG	PIC X(01)	
05 007-SSD-RECEIPTS	PIC 9(05) USAGE IS COMP OCCURS 3 TIMES	Note 12
05 007-SSD-RECEIPTS-DAYS	PIC 9(05) USAGE IS COMP OCCURS 3 TIMES	Note 13
05 007-SSD-GROUP3-OVER-200	PIC 9(05) USAGE IS COMP	Note 14
05 007-SSD-GROUP3-DAYS-OVER-200	PIC 9(05) USAGE IS COMP	Note 15
05 007-SSD-PRI-GRP-3-RECEIPTS	PIC 9(05) USAGE IS COMP	Note 16
05 007-SSD-PRI-GRP-3-DAYS	PIC 9(05) USAGE IS COMP	Note 17
05 007-TRUNCATION-POINT-ONE	PIC 9(03)	
05 007-TRUNCATION-POINT-TWO	PIC 9(03)	
<b>Notes:</b>  1. The eight (8) occurrences of the 007-PRIORITY-GROUP-ONE field are used to accumulate the number of receipts. Each field represents a range of days. When a receipt is processed for priority-group-one the appropriate field is incremented by one based on the actual time between date of requisition and date of receipt 13-15).		

2. The nine (9) occurrences for the 007-PRIORITY-GROUP-TWO field are used to accumulate the number of receipts. Each field represents a range of days. When a receipt is processed for priority-group-two the appropriate field is incremented by one based on the actual time between date of requisition and date of receipt.
3. The eleven (11) occurrences for the 007-PRIORITY-GROUP-THREE field are used to accumulate the number of receipts. Each field represents a range of days. When a receipt is processed for priority-group-three, the appropriate field is incremented by one based on the actual time between date of requisition and date of receipt.
4. The four occurrences for the 007-OST-STANDARD, 007-BYPASS-UPDATE-FLAG, 007-NBR-OF-RQNS, 007-BASE-INITIATED-CANC, 007-RQMTS-INITIATED-CANC, 007-DEPOT-CONFIRMED-CANCELLED, 007-DEPOT-CANCELLATIONS, 007-DEPOT-REJECT, 007-FLP-SUBMITTED-WO-STATUS, 007-FLP-SUBMITTED-W-STATUS fields are as follows:
  - a. (1) Priority-Group-One
  - b. (2) Priority-Group-Two
    - (1) The 007-OST-STANDARD occurrence two (2) is used to store the median value for DLA depots and AF Wholesale sources of supply, and that value is stored as follows:

Positions 1-2 = Median for priority groups 1 and 2 combined.

Position 3 = zero (0)

Positions 4-5 = Median for priority group 3
  - c. (3) Priority-Group-Three
  - d. (4) Airlift Investment
5. The application/utility programs use the base location flag to determine the proper field to be updated. The flags are as follows:
  - a. 0--CONUS.
  - b. 1--Overseas bases with SRANs 52XX (except 5260) and SRAN 4624.
  - c. 2--All other overseas SRANs.
6. The three (3) occurrences for both the 007-ON-TIME-STATUS and the 007-DELAYED-STATUS fields are as follows:
  - a. (1) Priority-Group-One
  - b. (2) Priority-Group-Two
  - c. (3) Priority-Group-Three
7. The ten (10) occurrences for the 007-STATUS-CODE-EXCEPTION field are used to monitor up to ten status codes are as follows:
  - a. (1) 1st Status Code
  - b. (2) 2nd Status Code

- c. (3) 3rd Status Code
- d. (4) 4th Status Code
- e. (5) 5th Status Code
- f. (6) 6th Status Code
- g. (7) 7th Status Code
- h. (8) 8th Status Code
- i. (9) 9th Status Code
- j. (10) 10th Status Code

8. This field is updated by increments of one each time a receipt is processed for airlift investment items and the pipeline days are less than 175 percent of the criteria stored on the fourth occurrence of the 007-OST-STANDARD (the fourth occurrence is for airlift investment).

9. This field is updated by increments of one each time a receipt is processed for airlift investment items and the pipeline days are greater than 175 percent of the criteria stored on the fourth occurrence of the 007-OST-STANDARD (the fourth occurrence is for airlift investment).

10. The four (4) occurrences are updated by days (by priority group) when the receipt is processed and the pipeline days are less than 175 percent of the RID 007-OST-STANDARD. These fields are cumulative.

- a. (1) Priority-Group-One
- b. (2) Priority-Group-Two
- c. (3) Priority-Group-Three
- d. (4) Airlift Investment only

11. This is the actual pipeline time. The four (4) occurrences are updated in days (by priority group) when the receipt is processed. This field is updated regardless of whether pipeline days are lesser or greater than 175 percent. These fields are cumulative.

- a. (1) Priority-Group-One
- b. (2) Priority-Group-Two
- c. (3) Priority-Group-Three
- d. (4) Airlift Investment only

12. The three (3) occurrences designated by priority groups are updated by increments of one (1) when the receipt processed is budget code 1, routing identifier is equal to Fxx, the AAC is equal to A, B, C, D, and the pipeline days are less than 175 percent of the RID OST Standard.

13. The three (3) occurrences designated by priority groups are updated in days when the receipt processed is budget code 1, routing identifier is equal to Fxx, the AAC is equal to A, B, C, D, and the pipeline days are less than 175 percent of the RID OST Standard.

14. This field updated by increments of one (1) when the receipt processed is budget code 1, routing identifier is equal to Fxx, the AAC is equal to A, B, C, D, and the pipeline days are over 200 percent of the RID OST Standard. This field apply to priority-group-three only.
15. This field is updated by days when the receipt processed is budget code 1, routing identifier is equal to Fxx, the AAC is equal to A, B, C, D, and the pipeline days are less than 200 percent of the RID OST Standard. This field applies to priority-group-three only.
16. This field updated by increments of one (1) when the receipt processed is budget code 1, routing identifier is equal to Fxx, the AAC is blank, and the pipeline days are over 200 percent of the RID OST Standard. This field applies to priority-group-three only.
17. This field updated by days when the receipt processed is budget code 1, routing identifier is equal to Fxx, the acquisition advice code (AAC) is blank, and the pipeline days are over 200 percent of the RID OST Standard. This field applies to priority-group-three only.
18. This field is computed quarterly by the Q05 program. This field represents an accurate estimate of the variance of order and ship time over a given period of time. Variance of O&ST is one of the components used to compute the safety level.

#### 6.10. Standard Reporting Designator (SRD) Record (008).

6.10.1. Purpose. To contain all authorized SRDs. The SRD-RECORD record is established and maintained at base level.

6.10.1.1. Access. The SRD-RECORD record is accessed in a direct mode. It is not an owner or member record in any set. The two parameters that must be initialized before accessing this record are as follows:

6.10.1.1.1. SRD-CC-KEY.

6.10.1.1.2. SUPRT-AREA-NAME. **Note:** The SRD-CC-KEY consists of the following:

6.10.1.1.2.1. AGE-NUM (16 through 39)

6.10.1.1.2.2. RECORD-NUM (01 through 54)

6.10.1.2. Size and Location. This fixed record length is two words in the SUPPORT-GV area of the SBSS database.

6.10.2. Record Description. The description of the SRD-RECORD record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.9. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 008-SRD	PIC X(03)	
05 008-MICAP-FLAG	PIC X(01)	
05 008-FILLER	PIC X(04)	

**6.11. Transaction Phrase Record (009).**

6.11.1. Purpose. To provide a means of storing the type transaction code and phrases to be printed on the Daily Document Register. These records are established at ILS-S Program Office and are loaded, changed and/or deleted as a part of the program. Each phrase is 14 positions in length and is printed on the second line of Daily Document Register.

6.11.1.1. Access. The TRANSACTION-PHRASES record is accessed directly using program NGVPR009P. The two parameters that must be initialized before accessing this record are as follows:

6.11.1.1.1. TRANS-PHRASES-KEY.

6.11.1.1.2. SUPRT-AREA-NAME. **Note:** The TRANS-PHRASES-KEY consists of the following:

6.11.1.1.2.1. PAGE-NUM (2)

6.11.1.1.2.2. RECORD-NUM (27 through 52)

6.11.1.2. Size and Location. This fixed record length is 36 words and resides in the SUPPORT-GV area of the SBSS database.

6.11.2. Record Description. The description of the TRANSACTION-PHRASES record as it appears on the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.10. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 009-TRANSACTION-CODE-GROUP	OCCURS 9 TIMES	Note 1
10 009-TYPE-TRANSACTION-PHRASE		
15 009-POS-1	PIC X(01)	
15 009-POS-2	PIC X(01)	
10 009-TRANSACTION-PHRASE	PIC X(14)	
<b>Note:</b> The nine occurrences of the 009-TRANSACTION-CODE-GROUP field are as follows: <ul style="list-style-type: none"> <li>a. (1) TRANSACTION PHRASES 1A THROUGH 1Z</li> <li>b. (2) TRANSACTION PHRASES 2A THROUGH 2Z</li> <li>c. (3) TRANSACTION PHRASES 3A THROUGH 3Z</li> <li>d. (4) TRANSACTION PHRASES 4A THROUGH 4Z</li> <li>e. (5) TRANSACTION PHRASES 5A THROUGH 5Z</li> <li>f. (6) TRANSACTION PHRASES 6A THROUGH 6Z</li> <li>g. (7) TRANSACTION PHRASES 7A THROUGH 7Z</li> <li>h. (8) TRANSACTION PHRASES 8A THROUGH 8Z</li> <li>i. (9) TRANSACTION PHRASES 9A THROUGH 9Z</li> </ul>		

**6.12. Type Cargo Phrase Record (010).**

6.12.1. Purpose. To provide a means of storing the type cargo phrase to be printed on various documents such as shipments. While the phrase is 36 positions in length, only the first 18 characters are loaded to the database. This allows programs to print either a single or a dual type cargo phrase on output documents in a single 36-position data field. Directives for loading, changing, and deleting phrase records are to be provided by AFMC SCM-R Information Technology Activity.

6.12.1.1. Access. The TYPE-CARGO-PHRASE record is accessed in a direct mode. It is not an owner or member record in any set. The two parameters that must be initialized before accessing this record are as follows:

6.12.1.1.1. TYPE-CARGO-KEY.

6.12.1.1.2. SUPRT-AREA-NAME. **Note:** The TYPE-CARGO-KEY consists of the following:

6.12.1.1.2.1. PAGE-NUM (05)

6.12.1.1.2.2. RECORD-NUM (01)

6.12.1.2. Size and Location. This fixed record length is 432 words and resides in the SUPRT-AREA area of the SBSS database.

6.12.2. Record Description. The description of the TYPE-CARGO-PHRASE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.11. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 010-CARGO-CODE-GROUP	OCCURS 48 TIMES	Note 1
10 010-TYPE-CARGO-PHRASE	PIC X(18)	
10 010-FILLER	PIC X(18)	
<b>Note:</b> <b>1.</b> The 48 occurrences of the 010-CARGO-CODE-GROUP field are as follows: <ol style="list-style-type: none"> <li>a. (1) TYPE CARGO PHRASE 0</li> <li>b. (2) TYPE CARGO PHRASE 1</li> <li>c. (3) TYPE CARGO PHRASE 2</li> <li>d. (4) TYPE CARGO PHRASE 3</li> <li>e. (5) TYPE CARGO PHRASE 4</li> <li>f. (6) TYPE CARGO PHRASE 5</li> <li>g. (7) TYPE CARGO PHRASE 6</li> <li>h. (8) TYPE CARGO PHRASE 7</li> <li>i. (9) TYPE CARGO PHRASE 8</li> </ol>		



- j. (10) TYPE CARGO PHRASE 9
- k. (11) TYPE CARGO PHRASE A
- l. (12) TYPE CARGO PHRASE B
- m. (13) TYPE CARGO PHRASE C
- n. (14) TYPE CARGO PHRASE D
- o. (15) TYPE CARGO PHRASE E
- p. (16) TYPE CARGO PHRASE F
- q. (17) TYPE CARGO PHRASE G
- r. (18) TYPE CARGO PHRASE H
- s. (19) TYPE CARGO PHRASE I
- t. (20) TYPE CARGO PHRASE J
- u. (21) TYPE CARGO PHRASE K
- v. (22) TYPE CARGO PHRASE L
- w. (23) TYPE CARGO PHRASE M
- x. (24) TYPE CARGO PHRASE N
- y. (25) TYPE CARGO PHRASE O
- z. (26) TYPE CARGO PHRASE P
- aa. (27) TYPE CARGO PHRASE Q
- ab. (28) TYPE CARGO PHRASE R
- ac. (29) TYPE CARGO PHRASE S
- ad. (30) TYPE CARGO PHRASE T
- ae. (31) TYPE CARGO PHRASE U
- af. (32) TYPE CARGO PHRASE V
- ag. (33) TYPE CARGO PHRASE W
- ah. (34) TYPE CARGO PHRASE X
- ai. (35) TYPE CARGO PHRASE Y
- aj. (36) TYPE CARGO PHRASE Z
- ak. (37-48) UNUSED

### **6.13. Quantity Unit Pack Conversion Record (012).**

6.13.1. Purpose. To maintain instructions on less than complete package orders.

6.13.1.1. Access. The QUANTITY-UNIT-PACK-CONV record does not participate as an owner or member of any set. It is accessed in a direct mode. The two keys that must be initialized before accessing this record are as follows:

6.13.1.1.1. QTY-UNIT-PK-KEY.

6.13.1.1.2. SUPRT-AREA-NAME. **Note:** The QTY-UNIT-PK-KEY is contained in SUPRT-AREA-KEYS record (015-RT-012). It consists of the following:

6.13.1.1.2.1. PAGE-NUM (14)

6.13.1.1.2.2. RECORD-NUM (01)

6.13.1.2. Size and Location. This fixed record length is 45 words and resides in the SUPRT-AREA area of the SBSS database.

6.13.2. Record Description. The description of the QUANTITY-UNIT-PACK-CONV record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.12. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 012-QUP-CONVERSION		Note
10 012-QUP-CONVERSION-DATA	OCCURS 36 TIMES	
15 012-QTY-UNIT-PACK-CODE	PIC X(01)	
15 012-QTY-UNIT-PACK-FACTOR	PIC 9(04)	
<b>Note:</b> See AFH 23-123, Vol 2, Pt 2, Ch 8, for a listing of quantity unit pack codes and conversions.		

#### 6.14. RID/DODAAC Conversion Record (013).

6.14.1. Purpose. To convert any routing identifier to the matching Department of Defense activity address code (DODAAC).

6.14.1.1. Access. The RID-DODAAC-CONVERSION record is accessed directly. The two keys that must be initialized before accessing this record are as follows:

6.14.1.1.1. RID-DODAAC-KEY.

6.14.1.1.2. SUPRT-AREA-NAME. **Note:** The RID-DODAAC-KEY is contained in SUPRT-AREA-KEYS record (015-RT-013). It consists of the following:

6.14.1.1.2.1. PAGE-NUM (03)

6.14.1.1.2.2. RECORD-NUM (01)

6.14.1.2. Size and Location. This fixed record length is 365 words and resides in the SUPRT-GV area of the SBSS database.

6.14.2. Record Description. The description of the RID-DODAAC-CONVERSION record as it appears in the schema, subschema and DML/COBOL programs is as follow:

**Table 6.13. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
--------	----------------	---------------

05 013-RID-DODAAC	OCCURS 670 TIMES	Note
10 013-RID	PIC X(03)	
10 013-DODAAC	PIC X(06)	
<b>Note:</b> There are 670 occurrences for the 013-RID-DODAAC field. The routing identifier code and DODAAC information is contained in AFH 23-123, Vol 1, Ch 2.		

### 6.15. Base Constants-2 Record (014).

6.15.1. Purpose. To provide the media for storage of data pertaining to terminals and their control. The record contains such data as system designator function number, up/down flag, and alternate drive function number.

6.15.1.1. Access. This record can be accessed in two ways: by DMSCALC using the 001-CALC-KEY or via set using PID-FUNCTION, whose owner is the PID-HEADER record. The 001-CALC-KEY consists of the following:

6.15.1.1.1. Positions 1-2 = System Designator

6.15.1.1.2. Positions 3-5 = Function Number

6.15.1.2. Size and Location. This fixed record length is 15 words and resides in the CONSGV area of the SBSS database.

6.15.2. Record Description. The description of the BASE-CONSTANTS-2 record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.14. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 014-CALC-KEY	PIC X(05)	
05 014-TERMINAL-DATA		
10 014-SYS-DESIG	PIC X(02)	
10 014-FUNCTION-NBR	PIC X(03)	
10 014-TERMINAL-DESCRIPTION	PIC X(20)	
10 014-I-O-PID	PIC 9(05) USAGE IS COMP	
10 014-DID-FLAG	PIC X(01)	
10 014-TYPE-DEVICE	PIC X(03)	
10 014-1ST-ALT-DEVICE-FUNC-NBR	PIC X(03)	
10 014-2ND-ALT-DEVICE-FUNC-NBR	PIC X(03)	
10 014-BAR-CODE-DEVICE-FUNC-NBR	PIC X(03)	

10 014-TYPE-FORM-FLAG	PIC X(01)	
10 014-UP-DOWN-FLAG	PIC X(01)	
10 014-OUTPUT-FUNCTION-NBR	PIC X(03)	
10 014-OVERRIDE-FUNCTION-NBR	PIC X(03)	
10 014-SITE-ID	PIC X(07)	

### 6.16. Support Area Keys Record (015).

6.16.1. Purpose. To contain the record keys required for access of all single direct records within the SBSS database. The record was added to the database to improve access by application programs. It also allows reorganization of the database without requiring physical changes to be coded in all the application programs.

6.16.1.1. Access. This record is accessed in a direct mode. The two keys that must be initialized before accessing this record are as follows:

6.16.1.1.1. SUPRT-KEY.

6.16.1.1.2. SYSARS-AREA-NAME. **Note:** The SUPRT-KEY consists of the following:

6.16.1.1.2.1. PAGE-NUM (01)

6.16.1.1.2.2. RECORD-NUM (02)

6.16.1.2. Size and Location. This fixed record length is 35 words and resides in the SYSAREAS-GV area of the SBSS database.

6.16.2. Record Description. The description of the SUPPORT-AREA-KEYS record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.15. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 015-RT-001		
10 015-001-PG	PIC 9(05) USAGE IS COMP	
10 015-001-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-002		
10 015-002-PG	PIC 9(05) USAGE IS COMP	
10 015-002-RC	PIC 9(05) USAGE IS COMP	

05 015-RT-010		
10 015-010-PG	PIC 9(05) USAGE IS COMP	
10 015-010-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-012		
10 015-012-PG	PIC 9(05) USAGE IS COMP	
10 015-012-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-013		
10 015-013-PG	PIC 9(05) USAGE IS COMP	
10 015-013-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-309		
10 015-309-PG	PIC 9(05) USAGE IS COMP	
10 015-309-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-310		
10 015-310-PG	PIC 9(05) USAGE IS COMP	
10 015-310-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-316		
10 015-316-PG	PIC 9(05) USAGE IS COMP	
10 015-316-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-317		

10 015-317-PG	PIC 9(05) USAGE IS COMP	
10 015-317-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-436		
10 015-436-PG	PIC 9(05) USAGE IS COMP	
10 015-436-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-512		
10 015-512-PG	PIC 9(05) USAGE IS COMP	
10 015-512-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-520		
10 015-520-PG	PIC 9(05) USAGE IS COMP	
10 015-520-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-507		
10 015-507-PG	PIC 9(05) USAGE IS COMP	
10 015-507-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-510		
10 015-510-PG	PIC 9(05) USAGE IS COMP	
10 015-510-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-016		
10 015-016-PG	PIC 9(05)	

	USAGE IS COMP	
10 015-016-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-018		
10 015-018-PG	PIC 9(05) USAGE IS COMP	
10 015-018-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-414		
10 015-414-PG	PIC 9(05) USAGE IS COMP	
10 015-414-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-026		
10 015-026-PG	PIC 9(05) USAGE IS COMP	
10 015-026-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-331		
10 015-331-PG	PIC 9(05) USAGE IS COMP	
10 015-331-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-517		
10 015-517-PG	PIC 9(05) USAGE IS COMP	
10 015-517-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-722		
10 015-722-PG	PIC 9(05) USAGE IS COMP	

10 015-722-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-723		
10 015-723-PG	PIC 9(05) USAGE IS COMP	
10 015-723-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-725		
10 015-725-PG	PIC 9(05) USAGE IS COMP	
10 015-725-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-732		
10 015-732-PG	PIC 9(05) USAGE IS COMP	
10 015-732-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-735		
10 015-735-PG	PIC 9(05) USAGE IS COMP	
10 015-735-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-737		
10 015-737-PG	PIC 9(05) USAGE IS COMP	
10 015-737-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-739		
10 015-739-PG	PIC 9(05) USAGE IS COMP	
10 015-739-RC	PIC 9(05)	



	USAGE IS COMP	
05 015-RT-741		
10 015-741-PG	PIC 9(05) USAGE IS COMP	
10 015-741-RC	PIC 9(05) USAGE IS COMP	
05 015-RT-747		
10 015-747-PG	PIC 9(05) USAGE IS COMP	
10 015-747-RC	PIC 9(05) USAGE IS COMP	

### 6.17. Inventory Accuracy Header Record (016).

6.17.1. Purpose. To serve as an entry point to ensure storage of the inventory accuracy records (record codes 501 through 505, 526, 527) into the proper area of the SBSS database. The record is required to ensure proper separation and integrity of inventory accuracy records when more than one host is loaded on a single computer.

6.17.1.1. Access. This record is accessed in a direct mode. The two keys that must be initialized before accessing this record are as follows:

6.17.1.1.1. INVACCR-KEY.

6.17.1.1.2. INVACC-AREA-NAME. **Note:** The INVACC-KEY consists of the following:

6.17.1.1.2.1. PAGE-NUM (01)

6.17.1.1.2.2. RECORD-NUM (01)

6.17.1.1.2.3. The key is contained in SUPRT-AREA-KEYS record (015-RT-016). This record is always stored as the first record in the INVACC-AREA.

6.17.1.2. Size and Location. This fixed record length is one word and resides in the INVACC-AREA area of the SBSS database.

6.17.2. Record Description. The description of a INV-ACCR-HEADER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.16. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 016-HOST-ID	PIC X(01)	

### 6.18. Item Warehouse Location Record (017).

6.18.1. Purpose. To provide a record to store the warehouse location. The record is created and/or deleted when a warehouse location is assigned or deleted to an item record.

6.18.1.1. Access. This record is accessed via DMSCALC using 017-WHSE-LOCATION. It may also be accessed via the ITEM-WHSE set, whose owner is the item record. 017-WHSE-LOCATION consists of the following:

6.18.1.1.1. Positions 1-2 = System designator

6.18.1.1.2. Positions 3-13 = Warehouse location

6.18.1.2. Size and Location. This fixed record length is seven words and resides in the WHSLOC-GV area of the SBSS database.

6.18.2. Record Description. The description of the ITEM-WHSE-LOCATION record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.17. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 017-CALC-KEY	PIC X(13)	
05 017-SYS-DESIG	PIC X(02)	
05 017-WAREHOUSE-LOCATION		
10 017-WAREHOUSE		
15 017-WAREHOUSE-NBR	PIC X(02)	
15 017-STOCK-ROOM	PIC X(01)	
10 017-BIN-ROW	PIC X(03)	
10 017-HORZBIN-ROW	PIC X(01)	
10 017-VERT-BIN-ROW	PIC X(01)	
10 017-VERT-BIN-L2	PIC X(02)	
10 017-BIN-SUBDIVISION	PIC X(01)	
05 017-RESERVE-FLAG	PIC X(01)	

## **6.19. Reject Clear Header Record (018).**

6.19.1. Purpose. To serve as an entry point to ensure storage of the REJECT-CLEAR-HEADER record into the proper area of the SBSS database. It is the owner record for the DLY-REJ set whose member record is the REJECT-CLEAR-HEADER record.

6.19.1.1. Access. This record is accessed in a direct mode. The two keys that must be initialized before accessing this record are as follows:

6.19.1.1.1. (1) DLYHDR-KEY.

6.19.1.1.2. (2) CUMRJ-AREA-NAME. **Note:** The DLYHDR-KEY is contained in SUPRT-AREA-KEYS record (015-RT-018). This record is always stored as the first record in the CUMRJ-AREA. It consists of the following:

6.19.1.1.2.1. PAGE-NUM (01)

6.19.1.1.2.2. RECORD-NUM (01)

6.19.1.2. Size and Location. This fixed record length is two words and resides in the CUMRJ-AREA area of the SBSS database.

6.19.2. Record Description. The description of a REJECT-CLEAR-HEADER record as it appears in the schema, subschema, and DML/COBOL PROGRAMS is as follows:

**Table 6.18. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 018-HOST-ID	PIC X(01)	
05 018-301-REJECT-COUNT	PIC 9(04)	

## 6.20. Ads Interface Record (019).

6.20.1. Purpose. To store information concerning other ADSs that the SBSS will interface with via Interactive Communications Interface (ICI).

6.20.1.1. Access. Record is accessed via DMSCALC using 019-CALC-KEY, which consists of the following:

6.20.1.1.1. Positions 1-2 = System Designator

6.20.1.1.2. Position 3 = 001-ADS-ACTIVE-IND (that is, M = CAMS, C = CMOS, S =

6.20.1.1.3. No longer used, etc.)

6.20.1.1.4. Positions 4-7 = Spaces or ALN (see note) **Note:** If under the ALN concept (REGIONALIZATION), positions 4 through 7 will contain your ALN number; otherwise, spaces.

6.20.1.2. Size and Location. This fixed record length is nine words and resides in the CONS-GV area of the SBSS database.

6.20.2. Record Description. The description of the ADS-INTERFACE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.19. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 019-CALC-KEY	PIC X(07)	
05 019-ICI-INFO		
10 019-RCV-HOST	PIC X(06)	

10 019-ICI-USAGE-3	PIC X(02)	
10 019-RCV-ID	PIC X(04)	
10 019-RCV-SUB-ID	PIC X(04)	
10 019-RCV-RUN-ID	PIC X(06)	
05 019-SEND-HOST	PIC X(06)	

### 6.21. Reverse-Post Save Record (020).

6.21.1. Purpose. To serve as a storage media for the accumulation of partial images which are input to the reverse-post transaction program. Partial images are retained until the complete transaction has been assembled and can be processed.

6.21.1.1. Access. This record is accessed via DMSCALC using 020-CALC-KEY, which consists of the constant RVP.

6.21.1.2. Size and Location. This fixed record length is 1441 words and resides in the MISC-GV area of the SBSS database.

6.21.2. Record Description. The description of the REVERSE-POST-SAVE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.20. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 020-CALC-KEY	PIC X(03)	
05 020-REVERSE-POST	PIC X(80) OCCURS 72 TIMES	Note
<b>Note:</b> This record can contain a total of 72 (80-position input images).		

### 6.22. Base-Constants-3 (021).

6.22.1. Purpose. To store the five-position PID number for each TIP Terminal page, used primarily by program NGV208A to locate the input function number (PID number is passed to NGV208A via TIWADS) via set PID-Function of which the owner is PID-Header and the member is Base-Constants-2.

6.22.1.1. Access. This record is accessed via DMSCALC using the 021-PID-Number, which consists of five-position numeric PID.

6.22.1.2. Size and Location. This fixed record length is 2 words and resides in the CONS-GV area of the SBSS database.

6.22.2. Record Description. The description of the PID-HEADER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.21. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 021-PID-NUMBER	PIC X(05)	

**6.23. Cost Record (022).**

6.23.1. Purpose. To provide a record to store all prices and costs to include Moving Average Cost (MAC) required by the Consolidated Sustainment Activity Group-Supply (CSAG-S) of the Supply Management Activity Group (SMAG) for Budget code 8 assets and to provide a record to store Moving Average Costs for all Budget code 9 and alpha where the ERRCD equals Xxx assets.

6.23.1.1. Access. The DMR uses the DMS-1100 supplied randomization routine, DMSCALC, as the prime path to access a COST-RECORD. The keys required by the DMSCALC routine are as follows:

6.23.1.1.1. 022-CALC-KEY. This key contains the following:

6.23.1.1.1.1. Positions 1-2 = System Designator

6.23.1.1.1.2. Positions 3-17 = Stock Number

6.23.1.1.2. ITMDTL-AREA-NAME.

6.23.1.2. Size and Location. This fixed record length is seven words and resides in the ITMDTL-AREA area of the SBSS database.

6.23.2. Record Description. The record description of a COST RECORD as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.22. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 022-CALC-KEY	PIC X(17)	
05 022-LAC	PIC 9(10) USAGE IS COMP	
05 022-LRC	PIC 9(10) USAGE IS COMP	
05 022-FILLER-1	PIC 9(10) USAGE IS COMP	Note 1
05 022-LAC-BOC-OCR	PIC 9(10) USAGE IS COMP	
05 022-LAC-DAC-OCR	PIC 9(10) USAGE IS COMP	

05 022-LRC-BOC-OCR	PIC 9(10) USAGE IS COMP	
05 022-LRC-DAC-OCR	PIC 9(10) USAGE IS COMP	
05 022-MCR	PIC 9(10) USAGE IS COMP	
05 022-EXCHANGE-PRICE	PIC 9(10) USAGE IS COMP	
05 022-STANDARD-PRICE	PIC 9(10) USAGE IS COMP	
05 022-UNSERV-ASSET-PRICE	PIC 9(10) USAGE IS COMP	
05 022-MARKUP-PRICE	PIC 9(10) USAGE IS COMP	
05 022-FILLER-2	PIC 9(10) USAGE IS COMP	Note 1, 2
<p><b>Note:</b></p> <p><b>1.</b> The 022-FILLER-1 field will contain the sum of the 101 serviceable balance and detail on hand quantities and deployed quantities for the 218, 230, 232, 233, 234, 237, 238, 239, 240, or 241 details for all budget code 9 assets, or 0 when FIL is processed on initial input. The 022-FILLER-2 field will contain the Moving Average Cost (MAC) for budget code 9 assets. TRIC FIL will store the Unit Price on initial load to the 022-FILLER-2 field. For budget code 8 stock numbers with an ERRCD XD2 this field will contain the carcass cost.</p> <p><b>2.</b> The 022-FILLER-2 field will contain the Moving Average Cost (MAC) for budget codes 8 and alpha where ERRCD equals Xxx.</p>		

#### 6.24. MRSP/IRSP Serial Number (024).

6.24.1. Purpose. To provide a separate MRSP-IRSP-SERIAL-NUMBER record for each serial number received from CSMS. The S05 automatically generates the input necessary to load, change, and delete this record.

6.24.1.1. Access. The DMR uses the DMS-1100 supplied randomization routine, DMSCALC, as the prime path to access a MRSP-IRSP-SERIAL-NUMBER record. The keys required by the DMSCALC routine are as follows:

6.24.1.1.1. 024-CALC-KEY. This key contains the following:

6.24.1.1.1.1. Positions 1-6 = MDS-End-Item

6.24.1.1.1.2. Positions 7-8 = Using-MAJCOM-ID

6.24.1.1.1.3. Positions 9-10 = PAA-NBR-Kits

6.24.1.1.1.4. Positions 11-12 = Contingency-Identifier

6.24.1.1.2. ITMDTL-AREA-NAME.

6.24.1.2. Size and Location. This fixed record length is seven words and resides in the ITMDTL-AREA area of the SBSS database.

6.24.2. Record Description. The record description of a MRSP-IRSP-SERIAL-NUMBER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.23. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 024-CALC-KEY	PIC X(12)	
05 024-TYPE-SPARES-CODE	PIC X(01)	
05 024-PROJECT-CODE	PIC X(03)	

**6.25. Mobility Readiness Spares Kit/In-Place Readiness Spares Package (MRSP/IRSP) Control Record (025).**

6.25.1. Purpose. To provide a link between MRSP, IRSP, HPMSK, WTDOS and special spares details and these details' MRSP-IRSP-SERIAL-NUMBER record (024). This record is loaded, changed, and deleted by a 1EB input.

6.25.1.1. The MRSP-IRSP-Control records is accessed by DMSCALC using the 025-CALC-Key which consists of the following:

6.25.1.1.1. Positions 1-2 = System Designator

6.25.1.1.2. Positions 3-8 = Unit Type Code

6.25.1.1.3. Positions 9-11 = SRD

6.25.1.1.4. Positions 12-14 = ORG Code

6.25.1.1.5. Positions 15-16 = Shop Code

6.25.1.1.6. Position 17 = Blank

6.25.1.2. Size and Location. This fixed record length is 16 words and resides in the ITMDTL-GV area of the SBSS database.

6.25.2. Record Description. The description of the MSRP-IRSP-CONTROL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.24. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 025-CALC-KEY	PIC X(17)	
05 025-OUTPUT-FUNCTION-NBR	PIC 9(03)	

05 025-WITHDRAWAL-REPLN-TABLE		
10 025-SUPPLY-UNITS-AUTH	PIC 9(08)	
10 025-SUPPLY-UNITS-ON-HAND	PIC 9(08)	
10 025-PERCENT-FILL-REQUIRE	PIC 9(02)	
10 025-MAJCOM-AUTH-MRSP-IRSP-USE	PIC X(02) OCCURS 9 TIMES	
05 025-DEPLOYED-FLAG	PIC X(01)	
05 025-EQUIPMENT-FLAG	PIC X(01)	
05 025-MRSP-IRSP-PRIORITY	PIC 9(05) USAGE IS COMP	
05 025-S05-REVIEW-DATE	PIC 9(07) USAGE IS COMP	Note 1
05 025-JCS-PROJ-FLAG	PIC X(01)	Note 2
<b>Notes:</b> 1. This field will contain the KIT COMP Date. 2. This field will contain the contingency Project flag.		

## 6.26. Files Maintenance Control Record (026).

6.26.1. Purpose. To maintain the database keys for inline follow-up, the next ISG number, and the inventory serial number.

6.26.1.1. Access. The FILES-MAINTENANCE-CONTROL record is accessed in a direct mode. The two parameters that must be initialized before missing this are as follows:

6.26.1.1.1. FMC-KEY.

6.26.1.1.2. SUPPORT-AREA-NAME. **Note:** The FMC-KEY is contained in the SUPPORT-AREA-KEYS record (015-RT-026). It consists of the following:

6.26.1.1.2.1. PAGE-NUM (8)

6.26.1.1.2.2. RECORD-NUM (1)

6.26.1.2. Size and Location. The fixed record length is 24 words and resides in the SUPPORT-GV area of the SBSS database.

6.26.2. Record Description. The description of a FILES-MAINTENANCE-CONTROL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.25. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
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05 026-1ST-DBK-FLP	PIC 9(10) USAGE IS COMP	
05 026-NEXT-DBK-FLP	PIC 9(10) USAGE IS COMP	
05 026-FUP-SINCE-BOD	PIC 9(05) USAGE IS COMP	
05 026-TYPE-DETAIL-FLP	PIC X(01)	
05 026-NEXT-ISG-NBR	PIC 9(04) OCCURS 10 TIMES	
05 026-INVENTORY-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 026-D28-RCD-COUNTER	PIC 9(10) USAGE IS COMP	Note 1
05 026-FILLER-3	PIC 9(10) USAGE IS COMP	
05 026-FILLER-4	PIC 9(10) USAGE IS COMP	
05 026-FILLER-5	PIC X(10)	
05 026-FILLER-6	PIC X(10)	
05 026-FILLER-7	PIC X(10)	
<b>Note:</b> Stores the last transaction history serial number scanned by the previous D28. Zeroed (0) out by Program NGV210 (BOD).		

## 6.27. Ship Status Header Record (030).

6.27.1. Purpose. To provide a link from the SHIP-STATUS-HEADER to the SHIP-STATUS-DETAIL (211) records. Provides the Receiving Section the capability to inquiry SHIP-STATUS-HEADER by Transportation Control Number (TCN) which will produce a list of all due-ins that were shipped under that TCN. This SHIP-STATUS-HEADER record is created when AS1 inputs are processed. The record is deleted under program control when the receipt for the last a SHIP-STATUS-DETAIL is processed.

6.27.1.1. The SHIP-STATUS-HEADER record is accessed by DMSCALC using the 030-TCN-GBL-NBR.

6.27.1.2. Size and Location. The fixed record length is nine words and resides in the ITMDTL-GV area of the SBSS database.

6.27.2. Record Description. The description of the SHIP-STATUS-HEADER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.26. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 030-TCN-GBL-NBR	PIC X (17)	
05 030-ESTIMATED-DATE-SHIPPED	PIC 9 (07) USAGE IS COMP	
05 030-PRIORITY	PIC X (02)	
05 030-TRANSPORTATION-TRACER-FLAG	PIC X (01)	
05 030-DATE-OF-LAST-TRACER-ACTION	PIC 9 (07) USAGE IS COMP	
05 030-SYS-DESIG	PIC X (02)	
05 030-REQUIRED-DEL-DATE	PIC X (03)	
05 030-FILLER	PIC X (10)	

## 6.28. Direct Delivery Header Record (031).

6.28.1. Purpose. To provide a link from the DIRECT-DELIVERY-HEADER record to the due-in detail for those due-ins that have been identified for direct delivery to a base. Provides the Receiving Section the capability to inquiry by contract number which will list due-in detail records linked to the DIRECT-DELIVERY-HEADER record. This record is loaded under program control when AB1 status images are processed. This record is deleted under program control by the receipt process when the last due-in detail linked to the DIRECT-DELIVERY-HEADER record is processed.

6.28.1.1. The DIRECT-DELIVERY-HEADER record is accessed by DMSCALC using the 031-CONTRACT-NBR.

6.28.1.2. Size and Location. The fixed record length is eight words and resides in the ITMDTL-GV area of the SBSS database.

6.28.2. Record Description. The description of the DIRECT-DELIVERY-HEADER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.27. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 031-CONTRACT-NBR	PIC X (12)	
05 031-RID	PIC X (03)	
05 031-ESTIMATED-DATE-SHIPPED	PIC 9 (07) USAGE IS COMP	

05 031-SYS-DESIG	PIC X (02)	
05 031-FILLER	PIC X (10)	

### 6.29. Project Header Record (032).

6.29.1. Purpose. To provide an owner record for the PROJECT-DETAIL (235) records. This record is loaded, changed, inquired, and deleted by a 1PD input.

6.29.1.1. The PROJECT-HEADER record is accessed by DMSCALC using the 032-PROJECT NUMBER.

6.29.1.2. Size and Location. The fixed record length is nine words and resides in the ITMDTL-GV area of the SBSS database.

6.29.2. Record Description. The description of the PROJECT-HEADER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 6.28. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 032-PROJECT-NBR	PIC X (08)	
05 032-ORG-CODE	PIC X (03)	
05 032-SHOP-CODE	PIC X (02)	
05 032-PROJECT-MANAGER-CODE	PIC X (02)	
05 032-DATE-MATERIEL-REQUIRED	PIC 9 (06) USAGE IS COMP	
05 032-SRAN	PIC X (06)	
05 032-PRIORITY-PRECEDENCE-CODE	PIC X (04)	
05 032-PROGRAM-CODE	PIC X (05)	

### 6.30. Pseudo Control 1 Record (902).

6.30.1. Purpose. To provide the control mechanism for the start, stop, and transaction processing using pseudo reader number 1.

6.30.1.1. Access. This record is accessed in a direct mode. The two keys that must be initialized prior to accessing this record are as follows:

6.30.1.1.1. PSEUDO-KEY.

6.30.1.1.2. PSEUDO-AREA-NAME. **Note:** The PSEUDO-KEY consists of the following:

6.30.1.1.2.1. PAGE-NUM (1)

6.30.1.1.2.2. RECORD-NUM (1)

6.30.1.2. Size and Location. This fixed record length is four words and appears as the first record in the PSU1-GV area of the SBSS database.

6.30.2. Record Description. The description of a PSEUDO-CONTROL-1 record as it appears in the schema, subschema and DML/COBOL programs is as follows:

**Table 6.29. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 902-ACTIVITY-FLAG	PIC X(01)	
05 902-INPUT-COUNT	PIC 9(05) USAGE IS COMP	

### 6.31. Pseudo Trans 1 Record (903).

6.31.1. Purpose. To provide the storage media for images 80 positions or less in length to be processed using pseudo reader number 1.

6.31.1.1. Access. The PSEUDO-TRANS-1 record is a member of the PSEUDO-QUE-1 set whose owner is the PSEUDO-CONTROL-1 record and is accessed through this set.

6.31.1.2. Size and Location. This fixed record length is 26 words and resides in the PSU1-GV area of the SBSS database.

6.31.2. Record Description. The description of a PSEUDO-TRANS-1 record as it appears in the schema, subschema and DML/COBOL programs is as follows:

**Table 6.30. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 903-DATA-IMAGE	PIC X(80)	
05 903-INPUT-DEVICE	PIC X(05)	

### 6.32. Pseudo Trans Long 1 Record (904).

6.32.1. Purpose. To provide the storage media for images greater than 80 positions and certain control information to be processed using pseudo reader number 1.

6.32.1.1. Access. The PSEUDO-TRANS-LONG-1 record is a member of the PSEUDO-QUE-1 set whose owner is the PSEUDO-CONTROL record and is accessed through this set.

6.32.1.2. Size and Location. This fixed record length is 86 words and resides in the PSU1-GV area of the SBSS database.

6.32.2. Record Description. The description of a PSEUDO-TRANS-LONG record as it appears in the schema, subschema and DML/COBOL programs is as follows:

**Table 6.31. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
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05 904-DATA-IMAGE	PIC X(320)	
05 904-INPUT-DEVICE	PIC X(05)	

**6.33. Pseudo Control 2 Record (905).**

6.33.1. Purpose. To provide the control mechanism for the start, stop, and transaction processing using pseudo reader number 2.

6.33.1.1. Access. This record is accessed in a direct mode. The two keys that must be initialized prior to accessing this record are as follows:

6.33.1.1.1. PSEUDO-KEY.

6.33.1.1.2. PSEUDO-AREA-NAME. **Note:** The PSEUDO-KEY consists of the following:

6.33.1.1.2.1. PAGE-NUM (1)

6.33.1.1.2.2. RECORD-NUM (1)

6.33.1.2. Size and Location. This fixed record length is four words and appears as the first record in the PSU2-GV area of the SBSS database.

6.33.2. Record Description. The description of a PSEUDO-CONTROL-2 record as it appears in the schema, subschema and DML/COBOL programs is as follows:

**Table 6.32. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 905-ACTIVITY-FLAG	PIC X(01)	
05 905-INPUT-COUNT	PIC 9(05) USAGE IS COMP	

**6.34. Pseudo Trans 2 Record (906).**

6.34.1. Purpose. To provide the storage media for images 80 positions or less in length to be processed using pseudo reader number 2.

6.34.1.1. Access. The PSEUDO-TRANS-2 record is a member of the PSEUDO-QUE-2 set whose owner is the PSEUDO-CONTROL-2 record and is accessed through this set.

6.34.1.2. Size and Location. This fixed record length is 26 words and resides in the PSU2-GV area of the SBSS database.

6.34.2. Record Description. The description of a PSEUDO-TRANS-2 record as it appears in the schema, subschema and DML/COBOL programs is as follows:

**Table 6.33. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 906-DATA-IMAGE	PIC X(80)	

05 906-INPUT-DEVICE	PIC X(05)	
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**6.35. Pseudo Trans Long 2 Record (907).**

6.35.1. Purpose. To provide the storage media for images greater than 80 positions and certain control information to be processed using pseudo reader number 2.

6.35.1.1. Access. The PSEUDO-TRANS-LONG-2 record is a member of the PSEUDO-QUE-2 set whose owner is the PSEUDO-CONTROL-2 record and is accessed through this set.

6.35.1.2. Size and Location. This fixed record length is 86 words and resides in the PSU2-GV area of the SBSS database.

6.35.2. Record Description. The description of a PSEUDO-TRANS-LONG-2 record as it appears in the schema, subschema and DML/COBOL programs is as follows:

**Table 6.34. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 907-DATA-IMAGE	PIC X(320)	
05 907-INPUT-DEVICE	PIC X(05)	

**6.36. Pseudo Control 3 Record (908).**

6.36.1. Purpose. To provide the control mechanism for the start, stop, and transaction processing using pseudo reader number 3.

6.36.1.1. Access. This record is accessed in a direct mode. The two keys that must be initialized prior to accessing this record are as follows:

6.36.1.1.1. PSEUDO-KEY.

6.36.1.1.2. PSEUDO-AREA-NAME. **Note:** The PSEUDO-KEY consists of the following:

6.36.1.1.2.1. PAGE-NUM (1)

6.36.1.1.2.2. RECORD-NUM (1)

6.36.1.2. Size and Location. This fixed record length is four words and appears as the first record in the PSU3-GV area of the SBSS database.

6.36.2. Record Description. The description of a PSEUDO-CONTROL-3 record as it appears in the schema, subschema and DML/COBOL programs is as follows:

**Table 6.35. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 908-ACTIVITY-FLAG	PIC X(01)	
05 908-INPUT-COUNT	PIC 9(05) USAGE IS COMP	

**6.37. Pseudo Trans 3 Record (909).**

6.37.1. Purpose. To provide the storage media for images 80 positions or less in length to be processed using pseudo reader number 3.

6.37.1.1. Access. The PSEUDO-TRANS-3 record is a member of the PSEUDO-QUE-3 set whose owner is the PSEUDO-CONTROL-3 record and is accessed through this set.

6.37.1.2. Size and Location. This fixed record length is 26 words and resides in the PSU3-GV area of the SBSS database.

6.37.2. Record Description. The description of a PSEUDO-TRANS-3 record as it appears in the schema, subschema and DML/COBOL programs is as follows:

**Table 6.36. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 909-DATA-IMAGE	PIC X(80)	
05 909-INPUT-DEVICE	PIC X(05)	

**6.38. Pseudo Trans Long 3 Record (910).**

6.38.1. Purpose. To provide the storage media for images greater than 80 positions and certain control information to be processed using pseudo reader number 3.

6.38.1.1. Access. The PSEUDO-TRANS-LONG-3 record is a member of the PSEUDO-QUE-3 set whose owner is the PSEUDO-CONTROL-3 record and is accessed through this set.

6.38.1.2. Size and Location. This fixed record length is 86 words and resides in the PSU3-GV area of the SBSS database.

6.38.2. Record Description. The description of a PSEUDO-TRANS-LONG-3 record as it appears in the schema, subschema and DML/COBOL programs is as follows:

**Table 6.37. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 910-DATA-IMAGE	PIC X(320)	
05 910-INPUT-DEVICE	PIC X(05)	

## Chapter 7

### ENTRY/BASIC RECORDS

**7.1. Overview.** This chapter describes and contains the formats for the entry/basic records used in the computer. **Note:** The database records are required. They may not be altered except as permitted under program control with an authorized input.

#### 7.2. System Areas Record (100).

7.2.1. Purpose. To provide the access controls and separation of areas to support the gang-of-four concept. The record contains the area names of all areas in the SBSS database. Using the base identifier (HOST-ID) as a subscript through the record, access is limited to the areas that are assigned to support a specific base.

7.2.1.1. Access. This record is accessed in a direct mode. The two keys that must be initialized before accessing this record are as follows:

7.2.1.1.1. SYS-AREAS-KEY.

7.2.1.1.2. SYSAREAS-AREA-NAME. **Note:** The SYS-AREAS-KEY consists of the following:

7.2.1.1.2.1. PAGE-NUM (01)

7.2.1.1.2.2. RECORD-NUM (01)

7.2.1.2. Size and Location. This fixed record length is 768 words and resides in the SYSAREAS area of the SBSS database.

7.2.2. Record Description. The description of the SYSTEM-AREAS record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.1. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 100-SYSTEM-HOST	OCCURS 8 TIMES	
10 ITMDTL-GV	PIC X(12)	
10 REPCYC-GV	PIC X(12)	
10 DOCNBR-GV	PIC X(12)	
10 PRTNBR-GV	PIC X(12)	
10 ISG-GV	PIC X(12)	
10 MAP-GV	PIC X(12)	
10 ATHINU-GV	PIC X(12)	
10 TXHIST-GV	PIC X(12)	
10 CUMRJ-GV	PIC X(12)	



10 SYSDES-GV	PIC X(12)	
10 SUPPORT-GV	PIC X(12)	
10 BLGVAR-GV	PIC X(12)	
10 PFMR-GV	PIC X(12)	
10 MISC-GV	PIC X(12)	
10 GLA-GV	PIC X(12)	
10 FUELS-GV	PIC X(12)	
10 CONS-GV	PIC X(12)	
10 INVACC-GV	PIC X(12)	
10 SIFHLD-GV	PIC X(12)	
10 INVADJ-GV	PIC X(12)	
10 MGMT-GV	PIC X(12)	
10 SIFADR-GV	PIC X(12)	
10 BENSTK-GV	PIC X(12)	
10 MATACC-GV	PIC X(12)	
10 SRD-GV	PIC X(12)	
10 WHSLOC-GV	PIC X(12)	
10 PSU1-GV	PIC X(12)	
10 PSU2-GV	PIC X(12)	
10 PSU3-GV	PIC X(12)	
10 CT-HIST-GV	PIC X(12)	
10 CT-CTRL-GV	PIC X(12)	
10 CT-OWNR-GV	PIC X(12)	

### 7.3. Item-Record Record (101).

7.3.1. Purpose. To permit, when coupled with all the detail records, a truly random length, flexible record with sufficient data to manage most items under nearly all circumstances. Separate records are maintained for all equipment and supply items on which accountability must be maintained. This record is addressable by stock number or document number and, by using the stock number randomization technique, the record is deleted, located, and/or relocated at the time of load or stock number change. AFH 23-123, Vol 2, Pt 2, Ch 8, addresses the item records as they are located, changed, and deleted.

7.3.1.1. Access. The DMR utilizes the DMS-1100 supplied randomization routine, DMSCALC, to access an ITEM-RECORD record. The keys required by the DMSCALC routine are as follows:

## 7.3.1.1.1. 101-CALC-KEY.

7.3.1.1.1.1. National stock number CALC key is as follows:

7.3.1.1.1.1.1. Positions 1-2 = 101-SYSTEM-DESIGNATOR

7.3.1.1.1.1.2. Position 3 = 5th Position of stock number

7.3.1.1.1.1.3. Positions 4-5 = '\*\*'

7.3.1.1.1.1.4. Positions 6-13 = Positions 6-13 of stock number

7.3.1.1.1.2. L & P stock number CALC key is as follows:

7.3.1.1.1.2.1. Positions 1-2 = 101-SYSTEM-DESIGNATOR

7.3.1.1.1.2.2. Position 3 = 5th Position of stock number

7.3.1.1.1.2.3. Positions 4-5 = Positions 14-15 of stock number

7.3.1.1.1.2.4. Position 6 = 6th Position of stock number

7.3.1.1.1.2.5. Positions 7-8 = Positions 12-13 of stock number

7.3.1.1.1.2.6. Positions 9-13 = Positions 7-11 of stock number

## 7.3.1.1.2. ITMDTL-AREA-NAME.

7.3.1.2. Size and Location. This fixed record length is 55 words and resides in the ITMDTL-GV area of the SBSS database.

7.3.2. Record Description. The description of the ITEM-RECORD record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.2. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 101-CALC-KEY	PIC X(13)	
05 101-STOCK-NUMBER		
10 101-FEDERAL-SUPPLY-CLASS	PIC X(04)	
10 101-NIIN		
15 101-ALPHA-CHK	PIC X(01)	
15 101-NIIN-2	PIC X(08)	
10 101-MMC	PIC X(02)	
05 101-SYS-DESIG		
10 101-SD-1	PIC X(01)	
10 101-SD-2	PIC X(01)	
05 101-UNIT-OF-ISSUE	PIC X(02)	
05 101-UNIT-PRICE	PIC 9(10)	Note 1

	USAGE IS COMP	
05 101-STOCKAGE-PRIORITY-CODE	PIC X(01)	Note 2
05 101-APPLICATION-CODE	PIC X(02)	Note 3
05 101-RID	PIC X(03)	
05 101-ERRCD	PIC X(03)	Note 4
05 101-QTY-UNIT-PACK-CODE	PIC X(01)	
05 101-ISG-ORDER-CODE		Note 5
10 101-ISG-SOURCE-CODE	PIC X(01)	
10 101-PARTS-PREFERENCE-CODE	PIC X(01)	
05 101-TYPE-SRAN	PIC X(01)	
05 101-FILE-STATUS-QUARTER-CODE	PIC X(01)	
05 101-CONTROLLED-ITEM-CODE	PIC X(01)	
05 101-FREEZE-CODE	PIC X(01)	
05 101-SHELF-LIFE-CODE	PIC X(01)	Note 6
05 101-ADPE-FLAG	PIC X(01)	
05 101-EEX-CODE	PIC X(01)	
05 101-IEX-CODE	PIC X(01)	
05 101-REX-CODE	PIC X(01)	
05 101-SEX-CODE	PIC X(01)	
05 101-LOCAL-ERRCD-FLAG	PIC X(01)	
05 101-NOMENCLATURE		Note 7
10 101-NOUN-1-19	PIC X(19)	
10 101-NOUN-20-32	PIC X(13)	
05 101-AIRLIFT-INVESTMENT-FLAG	PIC X(01)	
05 101-OST-OVERRIDE	PIC 9(03)	
05 101-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 101-SERVICEABLE-BALANCE	PIC 9(10) USAGE IS COMP	
05 101-DEMILITARIZATION-CODE	PIC X(01)	
05 101-TYPE-PROCUREMENT-CODE	PIC X(01)	Note 8

05 101-EXCESS-CAUSE-CODE	PIC X(01)	Note 9
05 101-DATE-OF-FIRST-DEMAND	PIC 9(07) USAGE IS COMP	Note 10
05 101-NAT-MTR-FRT-CLASSTN	PIC 9(07) USAGE IS COMP	
05 101-CUMLTV-RECURRING-DEMANDS	PIC 9(07) USAGE IS COMP	Note 10
05 101-NBR-OF-DMDS-CURRENT	PIC 9(02) USAGE IS COMP	Note 10
05 101-NBR-OF-DMDS-PAST-6-MONTHS	PIC 9(02) USAGE IS COMP	Note 10
05 101-NBR-OF-DMDS-PAST-7-12-MOS	PIC 9(02) USAGE IS COMP	Note 10
05 101-DATE-OF-LAST-DEMAND	PIC 9(07) USAGE IS COMP	Note 10
05 101-PRECIOUS-METALS-FLAG	PIC X(01)	
05 101-AFTO-FORM-95-CODE	PIC X(01)	Note 11
05 101-STANDARD-DEVIATION	PIC 9(02) USAGE IS COMP	
05 101-ACQUISITION-ADVICE-CODE	PIC X(01)	Note 12
05 101-RQMTS-COMPUTATION-FLAG	PIC X(01)	Notes 10, 13
05 101-DATE-OF-LAST-RELEVELING	PIC 9(07) USAGE IS COMP	Notes 10, 14
05 101-DEMAND-LEVEL	PIC 9(07) USAGE IS COMP	Note 10
05 101-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 101-SERIALIZED-REPORT-CODE	PIC X(01)	
05 101-TYPE-CARGO-CODES	PIC X(02)	
05 101-FILLER-5	PIC X(01)	
05 101-BUDGET-CODE	PIC X(01)	

05 101-ISG-NBR	PIC X(04)	
05 101-RELATIONSHIP-CODE	PIC X(01)	
05 101-DATE-OF-LAST-SNUD-UPDATE	PIC 9(07) USAGE IS COMP	
05 101-PRICE-VALIDATION-CODE	PIC X(01)	
05 101-BENCH-STOCK-RCD-FLAG	PIC X(01)	
05 101-MSK-RCD-FLAG	PIC X(01)	
05 101-OVERFLOW-ADJUNCT-RCD-FLAG	PIC X(01)	
05 101-SUPPLY-POINT-RCD-FLAG	PIC X(01)	
05 101-SUPP-ADJUNCT-RCD-FLAG	PIC X(01)	
05 101-SRD-COLLECTION-FLAG	PIC X(01)	Note 19
05 101-MIN-LEVEL-FLAG	PIC X(01)	
05 101-MAX-LEVEL-FLAG	PIC X(01)	
05 101-FIXED-LEVEL-FLAG	PIC X(01)	
05 101-RBL-FLAG	PIC X(01)	
05 101-MISSION-CHANGE-GAIN-FLAG	PIC X(01)	
05 101-MISSION-CHANGE-LOSS-FLAG	PIC X(01)	
05 101-TCTO-FLAG	PIC X(01)	
05 101-BASE-CLOSURE-FLAG	PIC X(01)	
05 101-EOQ-CONSUMPTION-RCD-FLAG	PIC X(01)	
05 101-HEALTH-HAZARD-FLAG	PIC X(01)	
05 101-SUSPECT-MATERIEL-FLAG	PIC X(01)	
05 101-PROBLEM-ITEM-FLAG	PIC X(01)	
05 101-STOCK-FUND-CREDIT-FLAG	PIC X(01)	
05 101-MULTIPLE-DIFM-FLAG	PIC X(01)	
05 101-FUNCTIONAL-CHECK-FLAG	PIC X(01)	
05 101-LOCAL-PURCHASE-FLAG	PIC X(01)	Note 18
05 101-WARRANTY-CODE	PIC X(01)	
05 101-CURRENCY-RCD-FLAG	PIC X(01)	
05 101-SAMPLE-INV-LOT-FLAG	PIC X(01)	
05 101-MISSION-IMPACT-CODE	PIC X(01)	Note 15

05 101-LOT-SIZE-FLAG	PIC X(01)	
05 101-CUMLTV-DEMAND-QTY	PIC 9(07) USAGE IS COMP	
05 101-CUMLTV-DMD-QTY-SQ	PIC 9(15) USAGE IS COMP	
05 101-NBR-DMDS-007SC	PIC 9(03) USAGE IS COMP	
05 101-DATE-SPC-ASSIGNED	PIC 9(07) USAGE IS COMP	Note 16
05 101-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 101-FORECAST-ACQUISITION-COST	PIC 9(10) USAGE IS COMP	Note 20
05 101-XCE-DATE	PIC 9(04)	Note 17
05 101-FAST-TRANS-DENIAL-CODE	PIC X(01)	
05 101-FILLER-4	PIC X(04)	
05 101-FULLY-INTERCHANGABLE-FLAG	PIC X(01)	
05 101-HAZARDOUS-MATERIEL-CODE	PIC X(01)	
05 101-UNSUITABLE-ITEM-FLAG	PIC X(01)	
05 101-EQUIP-MGT-CODE	PIC X(01)	Note 21 (NWRM Indicator)
05 101-SPI-INDICATOR	PIC X(01)	
05 101-SPI-NUMBER	PIC X(09)	
05 101-SPI-EFFECTIVE-DATE	PIC 9(07) USAGE IS COMP	
05 101-DATE-OF-LAST-TRANSP-UPDATE	PIC 9(07) USAGE IS COMP	
05 101-FOAM-IN-PLACE-FLAG	PIC X(01)	
05 101-CSMS-REPORT-FLAG	PIC X(01)	
05 101-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 101-DLA-STORAGE-FLAG	PIC X(01)	
<b>Notes:</b>		

1. The unit price for items with type account code P (AVFUELS) is reflected as five-position dollars, two-position cents, and three-position mills (that is, \$\$\$\$CCMMM) for basic item record only. The -9 (dash 9) fuels record and all other account item records unit prices are reflected as eight-position dollars and two-position cents (that is, \$\$\$\$\$\$CC).
2. For item records in the B account (type stock record account B), the field is as follows:
  - a. For repair cycle items (ERRCD XD/XF), this field contains the maintenance priority code (code 3, 4, 7, C, L, or T).
  - b. For economic order quantity (EOQ) items (ERRCD XB), this field contains the stockage priority code (code 1, 2, 3, 4, 5, A, B, C, D, or E).
  - c. For EOQ items (ERRCD XB) which are authorized to bypass MACR controls, this field is identified by code J, K, L, M, /, S, T, or U. This code is assigned by external control.
  - d. For item records in the P account (type stock record account P), this field contains the materiel category code (code A, G, or L).
  - e. For item records in account E (type stock record account E), this field is updated but has no effect on requirements except for code E in the equipment account. Code E suppresses automatic due-out release.
  - f. Stockage Priority Code (SPC) will change to 0 under program control when processing a backorder or upgrading to a MICAP with a UND 1, / or J and the demand level equals 0, budget code 8 or 9, 'XB' assets. The (SPC) will also change to 0 under program control when processing a backorder with a UJC of 'AR' for budget code 8, 'XB' assets when the demand level is equal to 0.
3. If the type stock record account code is K, the first position of the application code is either an N or an R. The N or R denotes whether or not the item is subject to daily Ammunition Reporting Management System (ARMS) reporting.
4. In the equipment account, the last position is the equipment management code.
5. See AFH 23-123, Vol 2, Pt 2, Ch 8 for a detailed explanation of these fields.
6. This field is used to store the computer code on the item record. See AFH 23-123, Vol 1, Ch 2, for the specific codes.
7. An \* (asterisk) appearing in the first position of the nomenclature field indicates that the ERRCD has been changed as a result of special authority being granted prior to cataloging action. The Department of Defense Item Code (DODIC) will appear in the first four positions of the nomenclature if, 1) the item has a type account code K, 2) the first position of the application code is an R (subject to daily ARMS reporting). **EXCEPTION:** If the first position of the nomenclature contains an \* (asterisk), then the DODIC will appear in the next four positions.
8. This field will determine the appropriate routing identifier record to be updated when processing requisitions, status, or cancellations, as follows:

**Table 7.3. RID Description.**

CODE	RID	DESCRIPTION
1	JB1	Purchase Order

3	JB3	Delivery Order
4	JB4	Blanket Purchase Agreement
5	JB5	Contract
6	JB6	Automatic Purchase Order
Blank	JBB	All Others
<p>9. See the detailed explanation of excess cause codes (AFH 23-123, Vol 1, Ch 2 ).</p> <p>10. The demand data fields for P account item records will contain zeros.</p> <p>11. This field is used for multiple purposes. (See AFH 23-123, Vol 1, Ch 2, for specific program control flag.)</p> <p>12. For the specific acquisition advice codes (see AFH 23-123, Vol 1, Ch 2).</p> <p>13. An R in this field indicates that the item requires releveling. Otherwise, this field contains the first character of the date of the last releveling.</p> <p>14. For marginal analysis items, this date is the marginal analysis level computation date. For all other items, the date of releveling will be the requisition date.</p> <p>15. Mission Impact Code (MIC) will change to 0 under program control when processing a backorder or upgrading to a MICAP with a UND 1, / or J and the demand level equals 0, budget code 8 or 9, 'XF' assets. The (MIC) will also change to 0 under program control when processing a backorder with a UJC of 'AR' for budget code 8, 'XF' assets when the demand level is equal to 0.</p> <p>16. The 101-DATE-SPC-5-ASG contains the ordinal date when the 101-STOCKAGE-PRIORITY-CODE was assigned. This field is updated for all ERRCD XB items when the 101-STOCKAGE-PRIORITY-CODE is changed. This date is referred to as the serviceable asset retention start date (SARD)--start date for measuring activity for retention/disposal actions. It is assigned to ERRCD XF items when there is no demand activity for two consecutive quarters.</p>		



17. XCE date for all XD stock numbers with at least one demand and no RBL loaded in the SBSS. This field is updated if the date stored in the field is older than 90 days from current Julian date. A new DIC XCE is generated if the condition still exists. This field is blanked when a DIC XCA is received for this item.

18. Local Purchase Flag is set under program control to 0 (zero) when loading item record with Routing Identifier (RID) equal to JBB, JBF, JBG, JBH, JBK, JBL, or JBI. This will identify those items that require a DD Form 1348-6, *Single Line Item Requisition System Document, DoD (Manual – Long Form)*, for the first time requisitioning action. This flag is set to 1 (one) by the status programs when status is received indicating the requisition was received by SPS.

19. The 101-SRD-COLLECTION-FLAG equals '1' if a transaction processed with SRD NOT equal to Z\*\*; AND TRIC = DOC, DUO, ISU, MSI, TIN, OR TRN; AND TYPE-ORG-CODE = 7, 8, 9, D, G, I, Q, OR V. Otherwise, the field will be '0'.

20. The 101-FORECAST-ACQUISITION-COST stores the JCS/contingency project flag and JCS/contingency project code assigned to a given stock number.

21. The Nuclear Weapons Related Materiel (NWRM) Indicator identifies an NSN as NWRM and the value is "Q". The code shall be pushed from D043 through D071.

#### 7.4. Repair Cycle Record (102).

7.4.1. Purpose. To record automatically any time an item with ERRCD XD or XF is added to the computer, or when the ERRCD on a nonrepair cycle item is changed to XD or XF. The record is automatically deleted any time a repair cycle type item record is deleted, or the ERRCD is changed to other than XD or XF. When the stock number on a repair cycle item is changed, the stock number on this record is also changed. The data stored on this record are used for computing stock control levels. The quarterly data are shifted or blanked by report Q04. Data on the repair cycle record are updated by the issue, turn-in, releveling, and adjustment routines.

7.4.1.1. Access. The REPAIR-CYCLE record participates as a member of the ITEM-R-C set, whose owner is the ITEM-RECORD record. Access is through the ITEM-R-C set. The keys required by the DMSCALC routine area are as follows:

7.4.1.1.1. 102-STOCK-NUMBER.

7.4.1.1.2. REPCYC-AREA-NAME.

7.4.1.2. Size and Location. This fixed record length is 52 words and resides in the REPCYC-GV area of the SBSS database.

7.4.2. Record Description. The description of the REPAIR-CYCLE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.4. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 102-CALC-KEY	PIC X(17)	
05 102-SYS-DESIG	PIC X(02)	
05 102-STOCK-NUMBER	PIC X(15)	
05 102-PRIORITY	PIC 9(02) USAGE IS COMP	(For Unserviceable Shipments)
05 102-WARRANTY-CODE	PIC X(01)	
05 102-REPAIR-CYCLE-DATA	OCCURS 06 TIMES	Note 1
10 102-REPR-GENR-RTS	PIC 9(05) USAGE IS COMP	
10 102-REPR-GENR-CONDEMNED	PIC 9(05) USAGE IS COMP	
10 102-REPR-GENR-NRTS	PIC 9(05) USAGE IS COMP	
10 102-NET-REPAIR-CYCLE-DAYS	PIC 9(05) USAGE IS COMP	
05 102-MARK-FOR	PIC X(07)	
05 102-PROJECT-NBR	PIC X(03)	
05 102-CURRENT-QUARTER-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 102-CURRENT-QTR-AWP-OCCUR	PIC 9(02) USAGE IS COMP	
05 102-AVERAGE-AWP-DAYS-PAST-QTR	PIC 9(02) USAGE IS COMP	
05 102-NRTS-CONDEMNED-DAYS	PIC 9(05)	Note 2

	USAGE IS COMP OCCURS 4 TIMES	
05 102-RIMCS-CODE	PIC X(01)	
05 102-NBR-OF-UNITS-TURNED-IN	PIC 9(05) USAGE IS COMP OCCURS 15 TIMES	Note 3
05 102-NRTS-1-FLAG	PIC X(01)	
05 102-DISPOSITION-CODE	PIC X(03)	
05 102-SHIP-TO-SRAN	PIC X(06)	
05 102-EXCEPTION-R-C-DAYS	PIC X(02)	
05 102-PBR	PIC 9(03)	Note 4
05 102-ORG-CODE-REPAIR-ACTIVITY	PIC X(03)	
05 102-SHOP-CODE-REPAIR-ACTIVITY	PIC X(02)	
05 102-ALTERNATE-REPAIR-ACTIVITY		
10 102-SRAN	PIC X(06)	
10 102-PROJECT-CODE	PIC X(03)	
10 102-SHIP-PRIORITY	PIC 9(02)	
05 102-LEVEL-OF-MAINTENANCE	PIC X(01)	
05 102-DATE-OF-LAST-RIMCS-UPDATE	PIC 9(07) USAGE IS COMP	
05 102-TYPE-METRICS	PIC X(01)	
05 102-NET-COST	PIC 9(10) USAGE IS COMP	
05 102-DELAYED-MAINT-TIME-CURRENT		
10 102-UNITS	PIC 9(05) USAGE IS COMP	
10 102-BEFORE-DELAYED-DAYS	PIC 9(05) USAGE IS COMP	
10 102-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
10 102-OTHER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
10 102-TOTAL-DELAY-MAINT-DAYS	PIC 9(05) USAGE IS COMP	
05 102-DELAYED-MAINT-TIME-PAST	OCCURS 05 TIMES	
10 102-BEFORE-DELAYED-AVG	PIC 9(05) USAGE IS COMP	
10 102-AFTER-DELAY-AVG	PIC 9(05) USAGE IS COMP	
10 102-OTHER-DELAY-AVG	PIC 9(05) USAGE IS COMP	
10 102-TOTAL-DELAY-MAINT-DAYS-AVG	PIC 9(05) USAGE IS COMP	
05 102-FILLER	PIC X(10)	

**Notes:**

1. The six occurrences of the REPAIR-CYCLE-DATA field are as follows:
  - a. (1) Current Quarter
  - b. (2) 1st Quarter Past
  - c. (3) 2nd Quarter Past
  - d. (4) 3rd Quarter Past
  - e. (5) 4th Quarter Past
  - f. (6) 5<sup>th</sup> Quarter Current (C-deck only)
2. The four occurrences of the NRTS-CONDEMNED-DAYS field are as follows:
  - a. (1) Current Quarter
  - b. (2) 1st Quarter
  - c. (3) 2nd Quarter
  - d. (4) 3rd Quarter
3. The 15 occurrences of the NBR-OF-UNITS-TURNED-IN field are as follows:
  - a. (1) Action Code A
  - b. (2) Action Code B
  - c. (3) Action Code D
  - d. (4) Action Code F & G
  - e. (5) Action Code J, K, & L

- f. (6) Action Code Z
- g. (7) All Other Alpha Action Codes
- h. (8) Action Code 1
- i. (9) Action Code 2
- j. (10) Action Code 3
- k. (11) Action Code 4
- l. (12) Action Code 5
- m. (13) Action Code 6
- n. (14) Action Code 7
- o. (15) All Other Numeric Action Codes

4. If no RTS, condemned, or NRTS transactions have occurred on this item, this field will contain a value of 111, which represents no base level repair action on this item. If the percent of base repair is 100, this field will contain 99. When this record field (102-PERCENT-OF-BASE-REPAIR) contains 111, the SBSS programs will display this field as blank. **CAUTION:** If the Query Language Processor (QLP-1100) and/or direct retrieval of SBSS database record data is used, extreme caution must be used. On a new item load (FIL), '100' is stored in this field. This will be updated during releveing to '111'.

## 7.5. Document Number Record (103).

7.5.1. Purpose. To provide an alternate access path to the AUTHORIZED-IN-USE-DETAIL record and the detail records.

7.5.1.1. Access. The DMR uses the DMS-1100 supplied randomization routine, DMSCALC, as the prime path to access a DOCUMENT-NBR record. The two parameters that must be initialized before accessing the record are as follows:

### 7.5.1.1.1. 103-DOCUMENT-NBR.

7.5.1.1.1.1. Positions 1-2 = System Designator

7.5.1.1.1.2. Positions 3-16 = Document Number **Notes:** Document number will be left justified for numbers less than 14 positions.

### 7.5.1.1.2. DOCNBR-AREA-NAME.

## Notes:

1. The DOCUMENT-NBR record is the owner in the DOCN-ATHINU and DOCN-DTLS sets. The following detail records reside in the DOCN-DTLS set:

- a. (1) DUE-IN-DETAIL Record
- b. (2) DUE-IN-FROM-MAINTENANCE-DETAIL Record
- c. (3) DUE-OUT-DETAIL Record
- d. (4) EXCESS-REPORT-DETAIL Record
- e. (5) EOQ-CONSUMPTION-DETAIL Record

- f. (6) STATUS-FLP-MILSTRIP-DETAIL Record
- g. (7) RECEIVED-BUT-NOT-BILLED-DETAIL Record
- h. (8) REM-VEHICLES-ONLY-DETAIL Record
- i. (9) SHIPPED-NOT-CREDITED-DETAIL Record
- j. (10) SPECIAL-LEVEL-DETAIL Record
- k. (11) MASTER-BENCH-STOCK-DETAIL Record
- l. (12) SUPPLY-POINT-DETAIL Record
- m. (13) WAR-RESERVE-MATL-SPARES-DETAIL Record
- n. (14) MRSP-MSK-DETAIL Record
- o. (15) CLAIMS-RECEIVABLE-DETAIL Record
- p. (16) VENDOR-OWNED-CONTAINER-DETAIL Record
- q. (17) STATUS-BILLED-NOT-RECVD-DETAIL Record
- r. (18) STATUS-LOCAL-PURCHASE-DETAIL Record
- s. (19) STATUS-SHIP-DETAIL Record
- t. (20) STATUS-BCZ-INVESTMENT-UOO-DETAIL Record
- u. (21) DIFM-UNSERVICEABLE-DETAIL-Record
- v. (22) SHIPMENT-SUSPENSE-DETAIL Record

7.5.1.2. Size and Location. This fixed record length is four words and resides in the DOCNBR-GV area of the SBSS database.

7.5.2. Record Description. The description of the DOCUMENT-NBR record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.5. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 103-DOCUMENT-NBR	PIC X(16)	

## **7.6. Interchangeable And Substitute Group Record (105).**

7.6.1. Purpose. To provide for the relating of different items that may be used to satisfy a requirement. The issue routine uses the record in an attempt to satisfy a requested quantity when the balance on the requested item is insufficient. Items coded master (M) or interchangeable (I) are issued automatically while other codings provide only an asset printout for an external decision. The record is established for an external decision. At base level it is established, changed, and deleted by using file maintenance procedures. See AFH 23-123, Vol 2, Pt 2, Ch 8 for an explanation of ISG records.

7.6.1.1. Access. The INTERCHANGE-SUBSTITUTE-GROUP record is accessed through a DMS-1100, DMSCALC, randomization routine. The two parameters that must be initialized before accessing the record are as follows:

7.6.1.1.1. 105-ISG-NBR.

7.6.1.1.2. ISG-AREA-NAME. **Note:** The INTERCHANGE-SUBSTITUTE-GROUP record is also the owner record of the ISG-ITEM set. The member record in this set is the ITEM-RECORD record.

7.6.1.2. Size and Location. This fixed record length is 145 words and resides in the ISG-GV area of the SBSS database.

7.6.2. Record Description. The description of the INTERCHANGE-SUBSTITUTE-GROUP record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.6. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 105-CALC-KEY	PIC X(06)	
05 105-SYS-DESIG	PIC X(02)	
05 105-ISG-NBR	PIC X(04)	
05 105-STOCK-NUMBER-RELATIONSHIP	OCCURS 25 TIMES	Note 1
10 105-STOCK-NUMBER	PIC X(15)	
10 105-RELATIONSHIP-CODE	PIC X(01)	
10 105-ORDER-OF-USE	PIC X(03)	
10 105-JUMP-TO-CODE	PIC X(03)	
05 105-TYPE-OF-LAST-UPDATE	PIC X(01)	Note 3
05 105-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 105-INQ-FLP-DATE	PIC 9(07) USAGE IS COMP	
05 105-INQ-FLP-CODE	PIC X(01)	Note 2
05 105-CMS-FLAG	PIC X(01)	
05 105-DATE-OF-BVS-BDS	PIC 9(07) USAGE IS COMP	
05 105-FILLER	PIC X(07)	
<b>Notes:</b> 1. The first occurrence will be the master item. Occurrence 25 must always be blank. 2. The following information applies:		

**Table 7.7. Code Definition.**

CODE	DATE DEFINITION
I	Date of the XXX interrogation
E	Date of the BVS E input was received
F	Date the follow-up was prepared
3. The following information applies:	

**Table 7.8. Update and Associated TRIC.**

CODE	TRIC
Blank	FIS
A	FIC
B	STATUS
D	BVS, BDS
E	99S
F	REC
G	FID
I	FCD
Q	FIC
R	XXR
S	BXX (SNUD)
U	FCU
Z	DZE

**7.7. System Designator Record (106).**

7.7.1. Purpose. To serve as an entry point for records that require a system designator, routing identifier code, and SRAN as identified in the BASE-CONSTANTS-1 record.

7.7.1.1. Access. The SYSTEM-DESIGNATOR record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are as follows:

7.7.1.1.1. SYSDES-KEY.

7.7.1.1.2. SYSDES-AREA-NAME. **Note:** 1. The SYSDES-KEY consists of the following: a. PAGE-NUM (01) b. RECORD-NUM (01 through 30) 2. The SYSTEM-DESIGNATOR record is the owner of numerous sets. The following is a list of sets and respective member records:



**Table 7.9. Set Name and Member Record.**

<b>SET NAME</b>	<b>MEMBER RECORD</b>
SD-MACR	MACR-BC-Z
	MACR-SF
SD-FUELS	FUELS-MANAGEMENT-HEADER
SD-ZCC	A-F-GEN-LEDGER-ZCC
SD-FUEL-SA	FUELS-SALES-ANALYSIS
SD-RID	ROUTING-IDENTIFIER
SD-INVACC	INV-ACCR-ACCT-BE-COMPLETE
	INV-ACCR-ACCT-BE-SPECIAL
	INV-ACCR-ACCT-BE-ID-CHANGE
	INV-ACCR-ACCT-BE-SAMPLE
	INV-ACCR-ACCT-K-ALL
SD-INVBS	INV-ADJUSTMENT-BASIC
SD-INVSM	INV-ADJUSTMENT-SAMPLE-INV-CERT
SD-WPNSYS	WEAPON-SYSTEM-CONTROL
SD-SFIMR	STOCK-FUND-INV-MANAGEMENT
SD-MGMT	MUNITIONS-MANAGEMENT
	MONTHLY-OPER-USE-TIME
	CUST-SUPT-EFFECTIVENESS
	REPAIR-CYCLE-CONTROL-DATA
	DLADS-STRATIFICATION
	REQUISITION-SUMMARY
	MICAP-ANALYSIS
	DUE-OUT-ANALYSIS
	DUE-OUT-CANCELLATIONS
	TRANSACTION-SUMMARY
	INVENTORY-CONTROL-DATA
	SPECIAL-LVL-SUMMARY
	MINIMUM-LEVEL-ANALYSIS
	STATUS-OF-DUE-INS

	DUE-OUT-SCHEDULE
	DETAIL-RECORD-DATA
	AWP-REPORTING-SUMMARY
	ITEM-RECORD-SUMMARY
	BENCH-STOCK-SUMMARY
	SOURCE-OF-SUPPLY-SUMMARY
	PROJECT-CODE-RECEIPTS
	SRD-DUE-OUT-SUMMARY
	EXCESS-CAUSE-SUMMARY
	INVENTORY-ACCURACY-DATA
	MISC-TRANSACTION-SUMMARY
	COMPUTER-UTILIZATION-DATA
	FILE-PACK-DATA
	REPORT-PROCESSING-DATA
	TERMINAL-DESCRIPTION
	BASE-SUPPLY-MGMT-DC

7.7.1.2. Size and Location. This fixed record length is four words and resides in the SYSDS-AREA area of the SBSS database.

7.7.2. Record Description. The description of the SYSTEM-DESIGNATOR record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.10. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 106-SYS-DESIG	PIC X(02)	
05 106-RID	PIC X(03)	
05 106-SRAN	PIC X(04)	
05 106-FILLER-2	PIC X(02)	
05 106-AVG-OST	PIC 9(02) USAGE IS COMP	
05 106-FILLER-1	PIC 9(03)	

## 7.8. SRD-Consumption Record (107).

7.8.1. Purpose. To provide the capability to maintain consumption data by SRD. The SRD-CONSUMPTION record is updated by program 260 which interfaces with program NGV833, Daily SRD Update.

7.8.1.1. Access. The SRD-CONSUMPTION record does not participate as an owner or member in any set. It is accessed by the DMS-1100 supplied randomization routine, DMSCALC. The key that must be initialized before accessing this record is as follows:

7.8.1.1.1. 107-KEY      **Note:** The 107-KEY contains the following:

7.8.1.1.2. Positions 1-15 = Stock Number

7.8.1.1.3. Positions 16-17 = Sys-DESIG

7.8.1.2. Size and Location. This fixed record length is seven words and resides in the SRD-AREA area of the SBSS database.

7.8.2. Record Description. The description of SRD-CONSUMPTION record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.11. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 107-CALC-KEY	PIC X(17)	
05 107-SRD	PIC X(03)	
05 107-DATE-OF-FIRST-DEMAND	PIC 9(07) USAGE IS COMP	
05 107-QTY	PIC 9(10) USAGE IS COMP	

## 7.9. Serial-NBR-REC (108).

7.9.1. Purpose. To maintain a record for due-outs with an urgency justification code (UJC) AR or BR, except TEX E, for awaiting parts (AWP) or a (MICAP UJC. For these due-outs, the type organization code cannot be A or B, and the SRD cannot be ZZZ or blank. The SERIAL-NBR-REC is created under program control. This record provides the capability to inquire the applicable MAPS record (109) using TRIC 1MM. The record is eliminated when all due-outs within the set have been released or canceled.

7.9.1.1. Access. The DMR uses the DMS-1100, DMSCALC randomization routine, as the prime path to access a SERIAL-NBR-REC. The parameter that must be initialized before accessing the record area is the 108-CALC-KEY which consists of the following:

7.9.1.1.1. MICAP Due-Outs.

7.9.1.1.1.1. Position 1 = Blank

7.9.1.1.1.2. Positions 2-3 = System Designator

7.9.1.1.1.3. Positions 4-6 = SRD

7.9.1.1.1.4. Positions 7-13 = Serial Number

7.9.1.1.2. AWP Due-Outs.

7.9.1.1.2.1. Positions 1-13 = End Item DIFM Document Number (minus the Activity Code) **Note:** The SERIAL-NBR-REC is the owner of the SERIAL-DOD set and the SER-DOD-MICAP set. The DUE-OUT DETAIL is a member of the SERIAL-DOD set and the SER-DOD-MICAP set. Both sets are manual sets.

7.9.1.2. Size and Location. This fixed record length is five words and the record resides in the ITMDTL-AREA-NAME area of the SBSS database.

7.9.2. Record Description. The description of the SERIAL-NBR-REC as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.12. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 108-CALC-KEY	PIC X(13)	
05 108-FILLER	PIC X(04)	

#### **7.10. MAPS-REC (109).**

7.10.1. Purpose. To maintain a record of all due-outs with a MICAP/AWP UJC when the type organization code is not A or B. The MAPS-REC is created under program control. This record provides the capability to enter any general information regarding MICAP/AWP in the Remarks field by using TRIC IMM. The record is deleted under program control when the DUE-OUT DETAIL is deleted or is downgraded from a MICAP/AWP UJC to a non-MICAP/AWP UJC.

7.10.1.1. Access. The MAPS-REC is accessed through the DOD-MAPS set. The DUE-OUT-DETAIL is the owner of the DOD-MAPS set, and the MAPS-REC is a member. This set is an automatic set.

7.10.1.2. Size and Location. This fixed record length is 70 words and resides in the ITMDTL-AREA-NAME area of the SBSS database.

7.10.2. Record Description. The description of the MAPS-REC as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.13. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 109-DATE-MICAP-START		Note 1
10 109-DAY-MICAP-START	PIC 9(02)	
10 109-MONTH-MICAP-START	PIC X(03)	
10 109-YEAR-MICAP-START	PIC 9(04)	
05 109-MEMO-FIRM-FLAG	PIC X(01)	Note 2

05 109-MAJCOM-DATA	PIC X(10)	Note 3
05 109-REMARKS	PIC X(250)	Note 3
05 109-AWP	PIC X(03)	
05 109-FILLER	PIC X(08)	
<b>Note:</b> 1. This date will be the computer date from the Special-Control record (002). 2. This field will be 0 when the due-out detail is a firm due-out and 1 when the due-out detail is memo. 3. This field will be updated by the input of TRIC 1MM.		

### 7.11. War-Time (110).

7.11.1. Purpose. To serve as a database identifier during wartime processing.

7.11.1.1. Access. The WAR-TIME record is accessed through the SD-WAR set. The SYSTEM-DESIGNATOR record is the owner of the SD-WAR set, and the WAR-TIME record is a member. This set is an automatic set.

7.11.1.2. Size and Location. This fixed record length is ? words and resides in the SYSDS-GV area of the SBSS database.

7.11.2. Record Description. The description of the WAR-TIME record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.14. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 110-WARTIME-TSRAN	OCCURS 4 TIMES	
10 110-WARTIME-FLAG	PIC X(01) OCCURS 35 TIMES	

### 7.12. Online-Mgmt (111).

7.12.1. Purpose. To provide a record for the online programs to record data for releveing, follow-up and file status. These data are transferred to their applicable series record upon processing of the END input.

7.12.1.1. Access. The ONLINE-MGMT record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are as follows:

7.12.1.1.1. ONLINE-MGMT-KEY.

7.12.1.1.2. SYSDS-AREA-NAME. **Note:** The ONLINE-MGMT-KEY consists of the following:

7.12.1.1.2.1. For S/D 01, A1, and A2, the page number is 1, and the record number is 31 through 33.

7.12.1.1.2.2. For S/D A3 through A9, the page number is 2, and the record number

is 1 through 7.

7.12.1.2. Size and Location. This fixed record length is 69 words and resides in the SYSDS-GV area of the SBSS database.

7.12.2. Record Description. The description of the ONLINE-MGMT record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.15. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 111-626-MUNITIONS-EXCESS		
10 111-TOTAL-LINE-ITEM-REVIEWED	PIC 9(10) USAGE IS COMP	
10 111-DOLLAR-VALUE-REVIEWED	PIC 9(10) USAGE IS COMP	
10 111-LI-EXCESS	PIC 9(10) USAGE IS COMP	
10 111-DOL-VAL-RETENTION	PIC 9(10) USAGE IS COMP	
10 111-DOL-VAL-BUO-FTE	PIC 9(10) USAGE IS COMP	
10 111-DOL-VAL-FEX-TRM	PIC 9(10) USAGE IS COMP	
10 111-DOL-VAL-REPORTED-FEX	PIC 9(10) USAGE IS COMP	
05 111-619-EXCESS-STRAT-CATEGORY	OCCURS 5 TIMES	
10 111-EXCESS-STRAT-SOURCE	OCCURS 5 TIMES	
15 111-NUMBER-LINE-ITEMS	PIC 9(05) USAGE IS COMP	
15 111-NUMBER-UNITS	PIC 9(07) USAGE IS COMP	
15 111-DOLLAR-VALUE	PIC 9(08) V99 USAGE IS COMP	
05 111-600-FREQUENCY	OCCURS 2 TIMES	
10 111-NBR-TIMES-COMPLETED	PIC 9(02)	

	USAGE IS COMP	
10 111-DATE-OF-LAST-COMPLETION	PIC 9(07) USAGE IS COMP	
05 111-600-FILE-STATUS		
10 111-NBR-ITEM-RECS-COMPLETED	PIC 9(07) USAGE IS COMP	
10 111-DATE-OF-FILE-STATUS	PIC 9(07) USAGE IS COMP	
05 111-SYS-DESIG	PIC X(02)	

### 7.13. TERMINAL COUNTS RECORD (112).

7.13.1. Purpose. To accumulate the monthly total of inputs according to the terminal function number. It is updated during RPTEON. This record is reset to zeros during end-of-month processing when the figures are printed on the Supply/Equipment Management Data Report.

7.13.1.1. Access. The TERMINAL-COUNT record is accessed through CALC DMS CALC using the 112-CALC-KEY.

7.13.1.2. Size and Location. This fixed length record is three words and resides in the RVP-GV area of the SBSS database.

7.13.2. Record Description. The description of the TERMINAL-COUNTS record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 7.16. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 112-CALC-KEY	PIC X(05)	
05 112-INPUT-COUNT	PIC 9(05) USAGE IS COMP	
05 112-OUTPUT-COUNT	PIC 9(05) USAGE IS COMP	
05 112-REJECT-COUNT	PIC 9(05) USAGE IS COMP	

## Chapter 8

### DETAIL RECORDS

**8.1. Overview.** This chapter describes and contains the formats for the detail records. **Notes:** 1. The database records are required. They may not be altered except as permitted under program control with an authorized input. 2. The term Defense Business Operations Fund (DBOF) is now the Defense Working Capital Fund (DWCF). However, in this chapter wherever DBOF is used in a systems output, the older term is used to reflect the actual output. The term will be updated upon system programmatic updates.

#### 8.2. Authorized In-Use Detail Record (201).

8.2.1. Purpose. To provide a record for Equipment Management when it is determined that an equipment item is authorized to a particular activity. The record provides for complete reporting and of all in-use assets and authorizations. These records are located within the AUTHORIZED-IN-USE-DETAIL-RECORD area.

8.2.1.1. Access. The AUTHORIZED-IN-USE-DETAIL record participates as a member of the ITEM-ATHINU set, whose owner is the ITEM-RECORD record, and the DOCN-ATHINU set, whose owner is the DOCUMENT-NBR record. The primary access path is through the ITEM-ATHINU set. An alternate path is available through the DOCN-ATHINU set. The keys required by the DMSCALC routine are as follows:

8.2.1.1.1. 201-STOCK-NUMBER.

8.2.1.1.2. ATHINU-AREA-NAME.

8.2.1.2. Size and Location. This fixed record length is 28 words and resides in the ATHINU-GV area of the SBSS database.

8.2.2. Record Description. The description of the AUTHORIZED-IN-USE-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.1. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 201-STOCK-NUMBER	PIC X(15)	
05 201-SYS-DESIG	PIC X(02)	
05 201-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 201-DTL-RECORD-TYPE	PIC X(01)	B
05 201-DOCUMENT-NBR	PIC X(14)	Note
05 201-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 201-ITEM-CODE	PIC X(01)	



05 201-TYPE-EQUIP-CODE	PIC X(01)	
05 201-USE-CODE	PIC X(01)	
05 201-ALLOWANCE-IDENTIFICATION	PIC X(07)	
05 201-BASE-OF-PLANNED-USE	PIC X(03)	
05 201-ALTERNATE-STORAGE-LOC-CODE	PIC X(03)	
05 201-LABEL-FLAG	PIC X(01)	
05 201-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 201-WRM-REPORTING-APPLIC-CODE	PIC X(02)	
05 201-BASS-COMPOSITION-CODE	PIC X(04)	
05 201-REM-EMC-FLAG	PIC X(01)	
05 201-DATE-ESTABLISHED	PIC 9(07) USAGE IS COMP	
05 201-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 201-SUBSTITUTE-ASSET-FLAG	PIC X(01)	
05 201-DEPLOYED-FLAG	PIC X(01)	
05 201-END-ITEM-IDENT-CODE	PIC X(03)	
05 201-UNIT-TYPE-CODE	PIC X(06)	
05 201-INCREMENT-CODE	PIC X(06)	
05 201-SERVICEABILITY-CODE	PIC X(01)	
05 201-STORAGE-LOCATION	PIC X(08)	
05 201-MISSION-ITEM-ESSEN-CODE	PIC X(03)	
05 201-UNSERVICEABLE-QTY-CALIB	PIC 9(05) USAGE IS COMP	
05 201-UNSERVICEABLE-QTY-MAINT	PIC 9(05) USAGE IS COMP	
05 201-DEPLOYED-QTY	PIC 9(05) USAGE IS COMP	
05 201-DEPLOYED-RID	PIC X(03)	
05 201-DBOF-FLAG	PIC X(01)	
05 201-FILLER-1	PIC X(08)	

**Note:**

Activity code P document numbers will contain a constant “00000001” in the last 8 positions.

**8.3. Due-In Detail Record (202).**

8.3.1. Purpose. To record (other than for fuels) information from the original requisition that is required for follow-up and/or base management. A due-in detail is established for each requisition submitted. When the total due-in balance is required, program control adds quantities on due-in detail records to provide a net asset position. In addition to the quantity of an item due-in and the requisition number, the due-in detail also is used to compute price variances and pipeline time during processing of the receipt. A due-in detail is established under program control when an automatic requisition is made. Action must be taken to load a due-in detail when a requisition is initiated offline while the SBLC is down or in a Degraded Operations situation.

8.3.1.1. The record is automatically eliminated when a receipt for the quantity due-in is processed. In addition, a due-in detail may be cancelled by an input. The request for cancellation is submitted to the appropriate supply source. When this is accomplished, a record of the request for cancellation is also established as a detail in the computer. When it is necessary to analyze the due-in details, it is also necessary to determine if a cancellation request has been submitted. When the source of supply acknowledges cancellation, an input automatically causes cancellation. Due-ins are not cancelled automatically when in an excess position.

8.3.1.2. The fuels DUE-IN DETAIL record contains information from the original requisition (1PR). A due-in detail is established for each 1PR input. The due-in detail is automatically deleted when a 1RP (fuels receipt) is input for the actual quantity due-in or if the input 1RP contains a final receipt flag (position 53 = F). The due-in detail may be cancelled by processing a 1PC (fuels cancellation). (Notes 10-14 below, apply to fuels account P only.)

8.3.2. Access. The DUE-IN-DETAIL/fuels due-in detail record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set and alternate path is through the DOCN-DTLS set.

8.3.3. Size And Location. This fixed record length is 24 words and resides in the ITMDTL-GV area of the SBSS database.

8.3.4. Record Description. The description of the DUE-IN-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.2. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 202-QTY-DUE-IN	PIC 9(10) USAGE IS COMP	
05 202-SUPP-ADDRESS	PIC X(06)	

05 202-DOCUMENT-NBR	PIC X(08)	
05 202-DEMAND-CODE	PIC X(01)	Notes 1, 2
05 202-ADVICE-CODE	PIC X(02)	Note 3
05 202-SIGNAL-CODE	PIC X(01)	
05 202-REQUIRED-DEL-DATE		
10 202-RDD-1	PIC X(01)	
10 202-RDD-2	PIC X(02)	
05 202-PRIORITY	PIC X(02)	
05 202-PROJECT-CODE	PIC X(03)	Notes 6
05 202-TYPE-SRAN	PIC X(01)	
05 202-FUND-CODE		Note 7
10 202-BUDGET-CODE-Z-FLAG	PIC X(01)	
10 202-YEAR	PIC X(02)	
05 202-RID	PIC X(03)	
05 202-DUO-DOCUMENT-NBR		Notes 8, 9, 10, 11
10 202-ACTIVITY-CODE	PIC X(01)	
10 202-ORG-SHOP	PIC X(05)	
10 202-DATE-SERIAL-NBR	PIC X(08)	
05 202-BLANK		
10 202-BLANK-1	PIC X(03)	
10 202-BLANK-2	PIC X(03)	
05 202-SUPPRESS-CANCEL-FLAG	PIC X(01)	
05 202-PARTIAL-CANCEL-FLAG	PIC X(01)	Note 12
05 202-TYPE-MAINT-CODE	PIC X(01)	
05 202-RQMTS-COMPUTATION-FLAG	PIC X(01)	Note 13
05 202-SYS-DESIG	PIC X(02)	
05 202-AIRLIFT-INVESTMENT-FLAG	PIC X(01)	Note 5
05 202-FISCAL-YEAR	PIC X(04)	
05 202-MICAP-FLAG	PIC X(01)	Note 13
05 202-DUE-OUT-UJC	PIC X(02)	Note 13
05 202-FILLER-2	PIC 9(02)	

	USAGE IS COMP	
05 202-BUDGET-CODE-Z-FY	PIC X(01)	
05 202-BCAS-FLAG	PIC X(01)	Note 12
05 202-FILLER-1	PIC X(07)	
05 202-VENDOR-SHIP-NBR	PIC X(07)	
05 202-UNIT-PRICE	PIC 9(10)	
	USAGE IS COMP	

**Notes:**

1. A Z in this field indicates that this due-in was established as a result of Prepositioned Materiel Receipts (PPMR). The SUP-ADDRESS field contains SRAN of the shipping activity.
2. For type account P due-ins with an S9F routing identifier, this field will contain the contract acceptance point code (O or D) or blank.
3. The first position of the 202-ADVICE-CODE data field will contain the ownership/purpose code, and the last position will contain the supply condition code.
4. For long lead time requirements (that is, Mobility Readiness Spares Package (MRSP)), this field is X(NN). Requisitions, other than MICAP, requiring priority transportation will contain 777. **Note:** N00 indicates a MICAP requirement for DLA routing identifiers.
5. A one (1) in this position indicates an airlift investment item.
6. This field will contain the SRD if the due-in is an unserviceable PPMR due-in.
7. For budget code Z transactions, the fund code is structured with the fund code identifier in the first position and the fiscal year identifier in the last position.
8. For type stock record account code B, E, or K, this field contains the due-out document number date and serial number. The due-out document number will be printed in print positions 56-69.
9. This field applies to ISSL, MSSL, and NSSL stock level details:

**Table 8.3. ISSL, MSSL, & NSSL Stock Level Details.**

NO	RECORD FIELD	
POS	POSITIONS	DATA ELEMENT
4	1-4	Must contain ISSL/MSSL/NSSL
8	5-12	Serial number
2	13-14	Blank
<b>10.</b> This field is updated when processing partial cancellations received as MILSTRIP STATUS.		

**11.** The specific requirements computations flags will be as follows:

- a. 1--This is a demand level decrease resulting in a cancellation request.
- b. 9--The due-in was linked to a due-out which has been cancelled.
- c. R--This is a special requirement.
- d. S--The due-in is for a UJC AR/BR due-out.
- e. T--This is a CFOSS requirement.
- f. OTHER ALPHA--These indicate ISSL/mission change requirements (flag 2-8 or A-Q).

**12.** A 1 in this position indicates SPS.

**13.** For reportable MICAP conditions, this field contains an N or F followed by the appropriate UJC.

#### **8.4. DIFM Detail Record (203).**

8.4.1. Purpose. To identify items for control and reporting purposes which are physically located in maintenance, or for which a due-out exists. The DIFM detail records with DIFM status flag zero, with the exception of UR exhibits, are considered as on-hand assets for stock leveling computation. The DIFM detail record is established automatically under program control when a repair cycle item is either issued or backordered on a recurring or nonrecurring basis. The DIFM detail record is deleted or updated at the time the item is turned in either condemned, repairable (NRTS) or as a serviceable item. The only other means by which the DIFM detail record is eliminated is by canceling the due-out detail record and/or using the inventory adjustment procedures.

8.4.1.1. Access. The DUE-IN-FROM-MAINTENANCE-DETAIL record is a member of the ITEM-DTLS set, whose owner record is ITEM-RECORD record, and the DOCN-DTLS set, whose owner is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set and alternate path is through the DOCN-DTLS set.

8.4.1.2. Size and Location. This fixed record length is 28 words and resides in the ITMDTL-GV area of the SBSS database.

8.4.2. Record Description. The description of the DUE-IN-FROM-MAINTENANCE-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.4. Record Description.**

<b>FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/REMARKS</b>
05 203-QTY-DUE-IN	PIC 9(05) USAGE IS COMP	

05 203-DTL-RECORD-TYPE	PIC X(01)	
05 203-DOCUMENT-NBR		
10 203-ACTIVITY-CODE	PIC X(01)	
10 203-ORG-CODE	PIC X(03)	
10 203-SHOP-CODE	PIC X(02)	
10 203-DATE-SERIAL-NBR	PIC X(08)	
05 203-DEMAND-CODE	PIC X(01)	
05 203-ISSUE-DOR-DATE	PIC 9(07) USAGE IS COMP	
05 203-DIFM-STATUS-FLAG	PIC 9(01)	Note 1
05 203-REPAIR-RETURN-FLAG	PIC X(01)	Notes 2, 3
05 203-RID-2	PIC X(02)	Note 4
05 203-TYPE-ORG-CODE	PIC X(01)	Note 5
05 203-DIFM-LOCATION	PIC X(03)	Note 6
05 203-DATE-OF-LAST-CHANGE	PIC 9(07) USAGE IS COMP	
05 203-CURRENT-DIFM-STATUS-CODE	PIC X(03)	
05 203-ESTIMATED-REPAIR-DATE	PIC 9(07) USAGE IS COMP	
05 203-MAJCOM-CODE	PIC X(02)	Note 7
05 203-FILLER-2	PIC X(02)	
05 203-BEFORE-DELAYED-DAYS	PIC X(03)	Note 8
05 203-SRD	PIC X(03)	Note 2
05 203-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 203-SYS-DESIG	PIC X(02)	
05 203-REPAIR-RETURN-DOC-NBR	PIC X(14)	Note 11
05 203-WORK-UNIT-CODE		
10 203-WUC-POS-1-2	PIC X(02)	
10 203-WUC-POS-3-5	PIC X(03)	
05 203-PREVIOUS-DIFM-STATUS	PIC X(03)	

05 203-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 203-AFTER-DELAYED-DAYS	PIC 9(05) USAGE IS COMP	
05 203-DELAYED-OTHER-DAYS	PIC 9(05) USAGE IS COMP	
05 203-JOB-CONTROL-NUMBER	PIC X(16)	Note 9
05 203-JOCAS-NBR	PIC X(12)	Note 10
05 203-FILLER-1	PIC X(06)	
05 203-TIME-OF-LAST-CHANGE	PIC 9(03) V99 USAGE IS COMP	
05 203-PRE-REPAIR	PIC 9(03) V99 USAGE IS COMP	
05 203-REPAIR	PIC 9(03) V99 USAGE IS COMP	
05 203-POST-REPAIR	PIC 9(03) V99 USAGE IS COMP	

**Notes:**

1. The DIFM status flags are as follows:
  - a. 0--The quantity due-in is firm.
  - b. 1--A due-out with the possibility of delayed turn-in action.
  - c. 2--A due-out for which the exchange item has already been turned in.
2. If the 203-REPAIR-RETURN-FLAG field contains an R, the last 12 positions of the document number from positions 69-80 of the original issue request are shown in the 203-PREVIOUS-DIFM-STATUS through 203-WORK-UNIT-CODE and 203-SRD fields. This is where the document number is reflected on the 203 detail at the repair location.
3. A P in this position indicates that item record number of demands has been updated for this detail as a result of turn-in or due-out cancellation action.
4. This field contains the last two characters of the routing identifier code of the activity that generated the reparable when the asset was generated at an off-base activity.
5. For contract maintenance details, this position is blank or contains the equipment authorized inventory data (EAID) flag. If the reparable was generated by a lateral base, this position contains a Q. When the detail is created as a result of an issue from a WRM or MRSP detail (including activity code C,

functional check), this position contains an H for high priority mission support kit (HPMSK) assets or a W for all other WRM/MRSP assets.

6. When the first position of the MAJCOM-CODE is blank, internal logic equates it to 0; an octal 1 equates to 4. (The first five bits of the first position of the MAJCOM-CODE are reserved for future use.)
7. For type organization code G, V, I, 7, 8, and 9 or when the last position of the UJC is R, the field contains the actual command code from the input or the organization record.
8. This field reflects the total delayed maintenance/AWP days accumulated against this item. A flag is stored in the low order position of this field indicating that these days are to be subtracted from the total repair cycle days.
9. For Maintenance (J Activity Code) this field contains the Job Control Number.
10. This field contains the JOCAS number for JOCAS organizations.
11. This field contains the 201 document number of the shipping activity and will have an activity code of E for equipment or P for supplies.

### 8.5. Unserviceable Detail Record (204).

8.5.1. Purpose. To identify items that are physically located in supply stock in unserviceable condition or Deficiency Report exhibit items located in Maintenance. The unserviceable detail record is established automatically under program control when an unserviceable asset is picked up on the CSB accountable records. The unserviceable detail record is updated or deleted at the time the asset is shipped/transferred or issued to Maintenance for repair. The only other means by which the unserviceable detail record will be reduced in quantity or eliminated is by inventory adjustment procedures.

8.5.1.1. Access. The UNSERVICEABLE-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set and alternate path is through the DOCN-DTLS set.

8.5.1.2. Size and Location. This fixed record length is 20 words and resides in the ITMDTL-GV area of the SBSS database.

8.5.2. Record Description. The description of the DIFM-UNSERVICEABLE-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.5. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 204-UNSERVICEABLE-QTY	PIC 9(05) USAGE IS COMP	
05 204-DTL-RECORD-TYPE	PIC X(01)	
05 204-DOCUMENT-NBR		Note 1
10 204-ACTIVITY-CODE	PIC X(01)	
10 204-ORG-CODE	PIC X(03)	



10 204-SHOP-CODE	PIC X(02)	
10 204-DATE-SERIAL-NBR	PIC X(08)	
05 204-DEMAND-CODE	PIC X(01)	Note 2
05 204-STATUS-FLAG	PIC 9(01)	Note 3
05 204-E3A-COMPONENT-FLAG	PIC X(01)	
05 204-RID-2	PIC X(02)	Note 4
05 204-TYPE-ORG-CODE	PIC X(01)	Note 5
05 204-ADR-SERIAL-NBR	PIC X(03)	Note 6
05 204-DISPOS-REQUEST-ADR-DATE	PIC X(07)	Notes 6, 7
05 204-WAREHOUSE-LOCATION	PIC X(12)	Note 8
05 204-UNSERVICEABLE-STATUS-CODE	PIC X(01)	Note 9
05 204-MATERIEL-CONDITION	PIC X(01)	
05 204-TYPE-SRAN	PIC X(01)	
05 204-SRD	PIC X(03)	
05 204-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 204-SYS-DESIG	PIC X(02)	
05 204-AMMO-DISPOS-REQ-NBR	PIC X(07)	
05 204-MDR-QDR-REPORT-NBR	PIC X(09)	Note 10

**Notes:**

1. The first six positions of the 204-DOCUMENT-NBR field contains activity code R, organization code 920, and shop code RW.
2. The DEMAND-CODE field always contains an N.
3. The 204-STATUS-FLAG field is always 0.
4. This field contains the last two characters of the routing identifier of the activity that generated the reparable when the asset was generated at an off-base activity.
5. The 204-TYPE-ORG-CODE field contains a Q when the asset was generated at an off-base activity.
6. This field contains the seven-position ammunition disposition request number (AFK account only).
7. Deficiency Report follow-up date or blank.

Flight Service Center personnel will process deficiency report to include latent defects turn-ins for items with ERRCDs XD, XF, and XB. Equipment Management personnel will prepare turn-in documentation for Deficiency Report to include latent defects on equipment managed items.

8. If a warehouse location is assigned, the letter W appears in the first position followed by the location. If no warehouse location has been assigned, these positions are blank.
9. The UNSERVICEABLE-STATUS-CODE field reflects the status of the unserviceable asset as follows:

**Table 8.6. Unserviceable Status Code.**

STATUS	DESCRIPTION
A	This code does not appear on the unserviceable detail record but is recorded on the transaction history record when the asset is automatically shipped/transferred under program control.
C	Condemned/waived. This status is assigned when the turn-in reflects maintenance action taken code 9 (condemned) and the item record reflects ERRCD codes XD1/XD2 and a unit price of \$300 or more. Code C indicates that the condemned item has been reported for disposition instructions. The report date is entered in the DISPOS-REQUEST-ADR-DATE field of the unserviceable detail record. Status code C is also assigned to the unserviceable detail to reflect receipt of condemned XB3 assets (supply condition code H) for TRM action.
D	Reported for disposition instructions. This status is assigned when the supply condition code is F or G and the item has been reported for disposition instructions. The report data are entered in the DISPOS-REQUEST-ADR-DATE field of the unserviceable detail record.
H	Held for maintenance action. This status is assigned when the input TEX code is 1 (do not ship or report). It is also assigned when the turn-in or condition change reflects condition code G (incomplete), or condition code H (held in stock).
U	This status is assigned when the item is a Deficiency Report exhibit or when a condition code change (FCC) is processed from serviceable to supply condition J (suspended in stock).
<b>10.</b> Deficiency Report control number or blank. This field is updated by the input of TRIC DFM. See Note 7.	

**8.6. Due-Out Detail Record (205).**

8.6.1. Purpose. To maintain a record when the on-hand asset position is less than the quantity requested. The record is eliminated when the asset has been released or by cancellation action.

8.6.1.1. Access. The DUE-OUT-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set and alternate path is through the DOCN-DTLS set.

8.6.1.2. Size and Location. This fixed record length is 31 words and resides in the ITMDTL-GV area of the SBSS database.

8.6.2. Record Description. The description of the DUE-OUT-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.7. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 205-DUO-QTY	PIC 9(05) USAGE IS COMP	
05 205-DTL-RECORD-TYPE	PIC X(01)	
05 205-DOCUMENT-NBR		
10 205-ACTIVITY-CODE	PIC X(01)	
10 205-ORG-CODE	PIC X(03)	
10 205-SHOP-CODE	PIC X(02)	
10 205-DATE-SERIAL-NBR	PIC X(08)	
05 205-DELIVERY-DESTINATION	PIC X(03)	Note 1
05 205-UJC	PIC X(02)	Note 2
05 205-TEX-CODE	PIC X(01)	
05 205-DUE-IN-DOCUMENT-NBR	PIC X(08)	Notes 3, 4
05 205-PROGRAM-DECISION-FLAG	PIC X(01)	Note 5
05 205-FAD-CODE	PIC X(01)	Note 6
05 205-DEMAND-CODE	PIC X(01)	
05 205-MARK-FOR	PIC X(14)	Notes 7, 8, 9, 10
05 205-SUPP-ADDRESS	PIC X(06)	
05 205-MEMO-FIRM-FLAG	PIC X(01)	Note 11
05 205-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 205-ALREADY-PROCESSED-FLAG	PIC X(01)	Note 12
05 205-SYS-DESIG	PIC X(02)	
05 205-TYPE-MAINT-CODE	PIC X(01)	Note 13
05 205-DOC-422-FLAG	PIC X(01)	
05 205-PUSH-ASSET-CANC-FLAG	PIC X(01)	
05 205-CANC-REQUEST-FLAG	PIC X(01)	
05 205-FY-OBLIGATION	PIC X(04)	

05 205-AWP-SRD	PIC X(03)	
05 205-WRM-EQUIP-FLAG	PIC X(01)	Note 14
05 205-WRM-FUND-FLAG	PIC X(01)	Note 14
05 205-END-ITEM-SYS-DESIG	PIC X(02)	
05 205-SALES-CODE	PIC X(03)	
05 205-FUND-CODE	PIC X(02)	
05 205-UNIT-PRICE	PIC 9(10) USAGE IS COMP	
05 205-DEPLOYED-FLAG	PIC X(01)	
05 205-PROJECT-CODE	PIC X(03)	Note 15
05 205-JOB-CONTROL-NUMBER	PIC X(16)	Note 16
05 205-JOCAS-NBR	PIC X(12)	Note 17
05 205-DBOF-FLAG	PIC X(01)	Note 18
05 205-ORIGINAL-DUE-IN-DOC-NBR	PIC X(08)	
05 205-FILLER-1	PIC X(06)	Note 19
05 205-ADVICE-CODE	PIC X(02)	

**Note:**

1. If the detail is for a lateral due-out, this field contains the requisitioner's routing identifier code. The presence of an octal 042 (") in the second position indicates that a DOC was output from program NGV422 in twilight.
2. If the detail is for a due-out created as a result of a lateral requisition (AMC forward supply point or repair and return procedures), this field contains the numbered priority except for AMC offshore due-outs which contain a numeric/alpha order of release code.
3. This field contains the due-in document number except for UND B or C consolidated due-outs.
4. If the due-out detail is flagged to generate an automatic cancellation request on the base requisition upon receipt of push asset, the octal 53 bit will be ON.
5. The contents of this field are as follows:
  - a. A-Z = Cause Code (see AFH 23-123, Vol 1, Ch 2 for explanations of cause codes).
  - b. X = Recap Tire Flag (type stock record account code B).
  - c. 1 = Equipment In-Use/On Loan (type stock record account code E).
  - d. -9 = Ammo Transaction Code 42-49 (type stock record account code K).
  - e. A-Z = Authority for Issue Flag (type stock record account code E, activity code P).
  - f. \$ = Project Code 440 (RAR).

- g. P = Command Unique Cause Code (type stock record account codes B and E except activity code P).
6. This field is a combination code representing the D18 sort or FAD.
- a. A-E = type organization code 7, 8, 9, G, or I.
  - b. J-N = type organization code A or B.
  - c. /-V = type organization code 7, 8, 9, G, or I, the Urgency of Need is a B, and the MAJCOM code is 1L.
  - d. 1-5 = All other type organization codes.

**Table 8.8. FAD and SORT Arrangement.**

FAD	SORT 1	SORT 2	SORT 3	SORT 4
1	A	J	/	1
2	B	K	S	2
3	C	L	T	3
4	D	M	U	4
5	E	N	V	5

7. This field is in the same format as the input. For repair cycle due-outs to War Reserve Materiel (WRM) or mobility readiness spares packages (MRSP) detail created under program control, it contains the document number of the DIFM detail which resulted from MSI processing.

8. For lateral due-outs, the MARK-FOR field is constructed as follows:

- a. The first eight positions contain the phrase LAT-REQN.
- b. The 9th and 10th positions contain the requisition priority.
- c. The 11th through 13th positions contain the project code.
- d. The last position contains the suffix code.

9. If the due-out delivery destination is SAM, and the UJC is MICAP, this field is in the standard format as the for mark-for input format. For UJC AR/BR (not TEX code E), this field will contain the end item document number.

10. For bench stock due-outs, the last position contains the minimum reserved authorization/maximum authorized quantity (MRA/MAQ) requirements flag from position 60 of the master bench stock record when applicable

11. The following information applies:

a. 0--This indicates a firm due-out.

b. 1--This indicates a memorandum due-out. Do not requisition.

12. During program interchange, programs NGV630 and NGV681 use this field as a logical decision program flag for due-out cancellation (DOC) processing. It is used as a check point to determine (during program return from an interfacing call) if this record has been previously considered; if so, it is set to a value of one; if not, it will be set to a space. This data element has no external application or significance.

13. The following information applies:

a. M = Organization is operating under the Core Automated Maintenance System (CAMS).

b. G = Organization is operating under G081.

c. N = Organization not operating under Maintenance.

14. Due-outs for Equipment Authorized Inventory Data (EAID) details that contain a use code D and budget code 9 will have a D in the 205-WRM-EQUIP-FLAG and an F in the 205-WRM-FUND-FLAG. These fields are used by Accounting and Finance programs to prevent expensing customer funds when ordering these items.

15. This field contains the input project code on an issue to an organization.

16. For Maintenance (J Activity Code) this field contains the Job Control Number.

17. This field contains the JOCAS number for JOCAS organizations.

18. This field contains the DBOF flag for DBOF organizations.

19. Due-outs for MSK details will contain the 232-PRIORITY-OVERRIDE in Position 1 of this field.

## 8.7. Excess Report Detail Record (206).

8.7.1. Purpose. To maintain a record when the on-hand stock position is determined to be in excess. The EXCESS-REPORT-DETAIL record is established by program control during file status processing. All excesses are reported for disposition instructions. The excess report detail is eliminated only under program control when the quantity reported is no longer excess and/or when disposition instructions have been received from the appropriate agency and shipping action taken. This record is also established by program control upon input of a forced excess (FEX).

8.7.1.1. Access. The EXCESS-REPORT-DETAIL record is a member of the ITEM-DTLS set, whose owner record is ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set and alternate path is through the DOCN-DTLS set.

8.7.1.2. Size and Location. This fixed record length is 14 words and resides in the ITMDTL-GV area of the SBSS database.

8.7.2. Record Description. The description of the EXCESS-REPORT-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.9. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 206-QTY-REPORTED-EXCESS	PIC 9(05) USAGE IS COMP	
05 206-DTL-RECORD-TYPE	PIC X(01)	
05 206-SUPP-REQUISITIONER	PIC X(06)	
05 206-DOCUMENT-NBR	PIC X(08)	MILSTRIP
05 206-MATERIEL-CONDITION	PIC X(01)	
05 206-SIGNAL-CODE	PIC X(01)	
05 206-ERRCD	PIC X(03)	
05 206-NOT-BLANK	PIC X(01)	
05 206-CRITICAL-ITEM-FLAG	PIC X(01)	
05 206-FTR-SM-FLAG	PIC X(01)	Note 1
05 206-MEDIA-STATUS-CODE	PIC X(01)	
05 206-FUND-CODE	PIC X(02)	
05 206-PROJECT-CODE	PIC X(03)	

05 206-RID	PIC X(03)	Reported to RIC
05 206-SUPP-ADDRESS	PIC X(06)	
05 206-FOLLOW-UP-FLAG	PIC X(01)	Note 2
05 206-DATE-OF-LAST-FOLLOW-UP	PIC 9(07) USAGE IS COMP	
05 206-TYPE-SRAN	PIC X(01)	
05 206-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 206-SYS-DESIG	PIC X(02)	
05 206-FILLER-1	PIC X(07)	
<b>Notes:</b> 1. This field is updated with an (F) when an FTR is processed with status code SM. Presence of a flag in this position prevents follow-up action until the date in the 206-DATE-OF-LAST-FOLLOW-UP field is less than the current Julian date. 2. If an X appears in this field, it indicates a second FTF has been produced.		

## 8.8. EOQ Consumption Detail Record (207).

8.8.1. Purpose. To record consumption data for potential bench stock additions. For all XB3 items that do not have IEX codes of 3, 6, E, or K assigned, an economic order quantity (EOQ) consumption record will be established when issued or due-out released, provided a master Bench Stock or consumption record is not already on file. This provides Bench Stock Support and individual organization a way to identify and control the consumption of bench stock items.

8.8.1.1. Access. The EOQ-CONSUMPTION-DETAIL RECORD is a member of the ITEM-DTLS set whose owner record is ITEM-RECORD and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.8.1.2. Size and Location. This fixed record length is eight words and resides in the ITMDTL-GV area of the SBSS database.

8.8.2. Record Description. The description of the EOQ-CONSUMPTION-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.10. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 207-CUMLTV-RECURRING-DEMANDS	PIC 9(05) USAGE IS COMP	
05 207-DTL-RECORD-TYPE	PIC X(01)	



05 207-DOCUMENT-NBR		
10 207-ACTIVITY-CODE	PIC X(01)	
10 207-ORG-CODE	PIC X(03)	
10 207-SHOP-CODE	PIC X(02)	
10 207-DATE-SERIAL-NBR	PIC X(08)	Note 1
05 207-NBR-OF-DEMANDS	PIC 9(02) USAGE IS COMP	
05 207-ACTION-FLAG	PIC X(01)	
05 207-DATE-OF-LAST-REVIEW	PIC 9(07) USAGE IS COMP	
05 207-SYS-DESIG	PIC X(02)	
05 207-SRD	PIC X(03)	
05 207-FILLER-1	PIC X(06)	
<b>Note:</b> <b>1.</b> The 207 DATE-SERIAL-NBR will consist of the following: a. First four positions will be the Date of Last Demand. b. The last four positions will be the date the detail was established.		

## 8.9. Status FLP MILSTRIP Detail Record (208).

8.9.1. Purpose. To reflect the various logistical conditions of new or additional requirements. The STATUS-FLP-MILSTRIP-DETAIL record is created under both program control and offline input.

8.9.1.1. Conditions. The conditions for establishing these details are as follows:

8.9.1.1.1. When a MILSTRIP requisition or shipment status is received from the source of supply, see AFMAN 23-122, Sec 5B, Order and Requisitioning, for requisition status processing procedures.

8.9.1.1.2. When inline follow-up, program NGV588, detects a requisition without current status or upon input of an offline follow-up (FLP), a follow-up detail is created.

8.9.1.1.3. When excess requirements are detected by the releveing program or by input of a request for cancellation (TRIC REC with TEX E), a cancellation request detail ZC/ZD is established. (See AFMAN 23-122, Sec 5B, Order and Requisitioning for cancellation procedures.)

8.9.1.2. Size and Location. This fixed record length is 16 words and resides in the ITMDTL-GV area of the SBSS database.

8.9.2. Record Description. The description of the STATUS-FLP-MILSTRIP-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.11. Record Description.**

<b>FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES</b>
05 208-QTY-THIS-ACTION	PIC 9(10) USAGE IS COMP	
05 208-DTL-RECORD-TYPE	PIC X(01)	
05 208-SUPP-ADDRESS	PIC X(06)	
05 208-DOCUMENT-NBR	PIC X(08)	
05 208-SUFFIX-CODE	PIC X(01)	Note 1
05 208-SUPPLY-STATUS	PIC X(02)	Note 2
05 208-PREVIOUS-SUPPLY-STATUS	PIC X(02)	Note 3
05 208-ESTIMATED-SHIP-DATE	PIC 9(07) USAGE IS COMP	Note 4
05 208-SOURCE-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	Note 5
05 208-TYPE-SRAN	PIC X(01)	
05 208-RECONCILIATION-FLAG	PIC X(01)	Note 6
05 208-PROGRAM-CONTROL-CODE	PIC X(01)	
05 208-RID	PIC X(03)	
05 208-E3A-COMPONENT-FLAG	PIC X(01)	Note 7
05 208-DATE-OF-LAST-FOLLOW-UP	PIC 9(07) USAGE IS COMP	
05 208-LOCAL-MANUFAC-W-O-NBR	PIC X(12)	Note 8
05 208-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 208-SYS-DESIG	PIC X(02)	
05 208-FILLER-1	PIC X(10)	
05 208-AFC-SEND-FLAG	PIC X(01)	Note 9
<b>Note:</b> 1. When source initiated partial actions are applicable, this position contains a suffix code. Valid suffix codes should reflect partial supply action by source. See AFH 23-123, Vol 1, Ch 2, for a detailed explanation of these codes.		

2. The 208-SUPPLY-STATUS field indicates one of the following situations:
  - a. Base initiated actions (that is, cancellation requested (ZC/ZD) or follow-up (two numerics)).
  - b. Source of supply initiated actions (that is, the item back ordered or suspended, the item being shipped or procured, the item being supplied as a substitute, etc.).
3. Previous supply status is used as provided in note 3 above. However, to prevent duplicates, ZC/ZD cancellation codes are never shifted off the record.
4. If the detail is an exception or positive supply status, this field represents the estimated delivery date (EDD) or the standard delivery date (SDD). If it is the SDD, it was computed by program NGV592 in accordance with standard.
5. The SOURCE-TRANSACTION-DATE field reflects the date when the transaction was processed by the initiating activity.
6. An R indicates depot reconciliation has occurred during the current reconciliation cycle (delete remainder).
7. An N in the 208-E3A-COMPONENT-FLAG field identifies a status detail that was built as a result of an AB(x) input.
8. When the due-in routing identifier code is JBD, JBE, or JBT, this field contains the local manufacture work order number.
9. A C indicates AFC action if the detail is not a ZC/ZD or a follow-up (ARC) action if the detail status is ZC/ZD.

#### **8.10. Status Billed Not Received Detail Record (BNR) (209).**

8.10.1. Purpose. To record payments for property prior to receipt. Program NGV965 creates these BNR details. See DFAS-DE 7077.10-M for program NGV965 processing. BNR details are deleted as a result of processing the receipt. BNR-CODE contains the letter B for identity purposes. The quantity and extended cost fields on this detail are updated by receipt program NGV625 to reflect the current balances. When the quantity drops to zero, NGV625 will delete the detail.

8.10.1.1. Access. The STATUS-BILLED-NOT-RECVD-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set and alternate path is through the DOCN-DTLS set.

8.10.1.2. Size and Location. This fixed record length is 17 words and resides in the ITMDTL-GV area of the SBSS database.

8.10.2. Record Description. The description of the STATUS-BILLED-NOT-RECVD-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.12. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
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05 209-QTY-THIS-ACTION	PIC 9(10) USAGE IS COMP	
05 209-DTL-RECORD-TYPE	PIC X(01)	
05 209-SUP-ADDRESS	PIC X(06)	
05 209-DOCUMENT-NBR	PIC X(08)	
05 209-AWARD-NBR		
10 209-PURCHASE-ORDER-NBR		
15 209-PUR-ORDER-YEAR	PIC X(02)	
15 209-PUR-ORDER-NBR	PIC X(05)	
10 209-CALL-MODIFIER-NBR		
15 209-CALL-MOD-1	PIC X(01)	
15 209-CALL-MOD-NBR	PIC X(03)	
10 209-AWARD-FILLER	PIC X(01)	
05 209-ESTIMATED-DEL-DATE	PIC X(03)	
05 209-FUND-CODE	PIC X(02)	Note 1
05 209-TYPE-SRAN	PIC X(01)	
05 209-RID	PIC X(03)	
05 209-BNR-CODE	PIC X(01)	
05 209-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 2
05 209-EDD-YEAR-CODE	PIC X(04)	
05 209-BILL-VOUCHER-NBR	PIC X(05)	
05 209-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 209-SYS-DESIG	PIC X(02)	
05 209-FILLER-1	PIC X(08)	
05 209-PROJECT-CODE	PIC X(03)	

**Note:**

1. If this is a BC Z detail record, the fund code is entered from the due-in detail record.
2. For type stock record account code P, the extended cost data will be reflected in inquiry print positions 57-65 with the remaining inquiry print positions shifting by one print position. That is, the 209-EDD-YEAR-CODE data will be in inquiry print position 66.

**8.11. Status Local Purchase Detail Record (210).**

8.11.1. Purpose. To monitor all local purchase due-ins, the STATUS-LOCAL-PURCHASE-DETAIL record is established.

8.11.1.1. Access. The STATUS-LOCAL-PURCHASE-DETAIL is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.11.1.2. Size and Location. This fixed record length is 17 words and resides in the ITMDTL-GV area of the SBSS database.

8.11.2. Record Description. The description of the STATUS-LOCAL-PURCHASE-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.13. Record Description.**

<b>FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/REMARKS</b>
05 210-QTY-THIS-ACTION	PIC 9(10) USAGE IS COMP	
05 210-DTL-RECORD-TYPE	PIC X(01)	
05 210-LOCAL-PURCHASE-FLAG	PIC X(01)	
05 210-PERCENT-VARIANCE-FLAG	PIC X(01)	
05 210-AUTH-QTY-VARIANCE	PIC 9(05) USAGE IS COMP	
05 210-DOCUMENT-NBR	PIC X(08)	
05 210-TYPE-PROCUREMENT-CODE	PIC X(01)	
05 210-SUPPLY-STATUS	PIC X(02)	Note 2
05 210-ESTIMATED-DEL-DATE	PIC 9(07) USAGE IS COMP	
05 210-FUND-CODE	PIC X(02)	Note 1
05 210-QTY-VARIATION-CODE	PIC X(01)	
05 210-TYPE-SRAN	PIC X(01)	
05 210-FOLLOW-UP-COUNTER	PIC X(02)	
05 210-RID	PIC X(03)	
05 210-BNR-CODE	PIC X(01)	Note 3
05 210-EXTENDED-COST	PIC 9(10) USAGE IS COMP	

05 210-FOREIGN-CURRENCY-FLAG	PIC X(01)	
05 210-AWARD-NBR		Note 4
10 210-PURCHASE-ORDER-NBR		
15 210-PUR-ORDER-YEAR	PIC X(02)	
15 210-PUR-ORDER-NBR	PIC X(05)	
10 210-CALL-MODIFIER-NBR		
15 210-CALL-1	PIC X(01)	
15 210-CALL-MOD-NBR	PIC X(03)	
10 210-AWARD-FILLER	PIC X(01)	
05 210-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 210-SYS-DESIG	PIC X(02)	
05 210-FILLER-1	PIC X(12)	
05 210-PROJECT-CODE	PIC X(03)	

Note:

1. If this is a BC Z detail record, the fund code is entered from the due-in detail record.
2. Code RW identifies a local purchase receipt in Receiving on which processing is being delayed. Code PD identifies items that have been received at the pier. 3. A 'B' indicates this detail has been paid.
4. This field contains the contract or purchase order number. However, if 210-BNR-CODE equals a 'B', this field will contain the DOV number.

## 8.12. Status Ship Detail Record (211).

8.12.1. Purpose. To record shipment information which informs the recipient of estimated shipping dates (awaiting release for transportation), or actual shipping dates (released to a carrier). This detail is created and/or updated upon receipt of MILSTRIP shipment status (DIC AS(x)/AU(x)). This detail provides data for interface with the LRS/transportation activity and for shipment tracing by the consignee, as explained in MILSTAMP. These details are also updated with data provided by the transportation system in response to shipping tracer actions (DIC TMA). This detail is also created for type account code P items as a result of a TRIC 1PS input.

8.12.1.1. Access. The STATUS-SHIP-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.12.1.2. Size and Location. This fixed record length is 19 words and resides in the ITMDTL-GV area of the SBSS database.

8.12.2. Record Description. The description of the STATUS-SHIP-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.14. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 211-QTY-SHIPPED	PIC 9(10) USAGE IS COMP	
05 211-DTL-RECORD-TYPE	PIC X(01)	
05 211-SUPP-ADDRESS	PIC X(06)	
05 211-DOCUMENT-NBR	PIC X(08)	
05 211-SUFFIX-CODE	PIC X(01)	
05 211-MODE-OF-SHIPMENT-CODE	PIC X(01)	
05 211-TRANSPORTATION-STATUS	PIC X(01)	
05 211-FOLLOW-UP-COUNTER	PIC X(02)	Note 1
05 211-ESTIMATED-DATE-SHIPPED	PIC 9(07) USAGE IS COMP	Note 2
05 211-DATE-AVAIL-SHIPMENT	PIC X(03)	Note 3
05 211-TYPE-SRAN	PIC X(01)	
05 211-TRANSPORTATION-TRACER-FLAG	PIC X(01)	Note 4
05 211-PROGRAM-CONTROL-CODE	PIC X(01)	
05 211-RID	PIC X(03)	
05 211-PRIORITY-GROUP-CODE	PIC X(01)	Note 5
05 211-TCN-GBL-NBR	PIC X(17)	Note 6
05 211-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 211-SYS-DESIG	PIC X(02)	
05 211-EST-DATE-SHIPPED	PIC 9(07) USAGE IS COMP	
05 211-CONSOLIDATED-SHIP-FLAG	PIC X(01)	
05 211-INTRANSIT-SHIP-LOSS		
10 211-VARIANCE-RECOVERED-FLAG	PIC X(01)	
10 211-QTY-RECOVERED	PIC 9(05)	

05 211-FILLER-1	PIC X(09)	
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. When the first position contains an * (asterisk), the TMAs are received with blanks or XXX in positions 14-16.</li> <li>2. This field reflects either the date shipped or the estimated ship date. For type stock record account code P, the last three positions reflect the date shipped and the first position is blank.</li> <li>3. If the shipment is for overseas, this field reflects either the port of embarkation or the source transaction date. If the shipment is for CONUS, this field is blank or contains the source transaction date. For type account code P, this field reflects the date available for shipment/estimated delivery date.</li> <li>4. The TTF is assigned to retail supply system shipment status details when shipment status is provided by the LRS/transportation activity. Transportation tracer flags are automatically assigned and used to identify overdue or lost shipments. Overdue or lost shipments are based on MILSTAMP standards using the priority designator and RDD. Additionally, TTF assignment is based upon the mode of shipment or transportation method used. Requisitions (shipments) are traced when government transportation or mail channels are used. If requisition (shipment) tracing is required, the transportation tracer flag determines which portion of the MILSTAMP Tracer Reconciliation Listing the overdue or lost shipment appears on.</li> <li>5. This field is computed and used by program NGV597 in producing the TAR listing.</li> <li>6. For type stock record account code P, the shipment identification is reflected in positions 2-16.</li> </ol>		

### 8.13. Status BC Z Investment UOO Detail Record (212).

8.13.1. Purpose. To monitor all investment due-ins. The STATUS-BCZ-INVEST-UOO-DETAIL is established by initial requisition of BC Z materiel.

8.13.1.1. Access. The STATUS-BCZ-INVESTMENT-UOO-DETAIL is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.13.1.2. Size and Location. This fixed record length is 10 words and resides in the ITMDTL-AREA area of the SBSS database.

8.13.2. Record Description. The description of the STATUS-BCZ-INVEST-UOO-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.15. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 212-QTY-THIS-ACTION	PIC 9(05) USAGE IS COMP	
05 212-DTL-RECORD-TYPE	PIC X(01)	S
05 212-SUPP-ADDRESS	PIC X(06)	
05 212-DOCUMENT-NBR	PIC X(08)	



05 212-FUND-CODE	PIC X(02)	FY ID
05 212-TYPE-SRAN	PIC X(01)	
05 212-RID	PIC X(03)	
05 212-UOO-CODE	PIC X(01)	U
05 212-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 212-TRIC-961	PIC X(03)	
05 212-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 212-SYS-DESIG	PIC X(02)	
05 212-FILLER-1	PIC X(05)	

#### 8.14. Received But Not Billed Detail Record (RNB) (213)

8.14.1. Purpose. To maintain a record when a funded item is received and a billing input has not been received. The RECEIVED-BUT-NOT-BILLED-DETAIL record is established under program control. This record is deleted only after the proper billing input has been processed and the necessary records established. This record is a counterpart of the shipped but not credited record. In addition, this record is established for the amount and quantity of overage received concurrently with a normal funded shipment from General Services Administration (GSA), Defense Logistics Agency (DLA), and other services Supply Management Activity Group (SMAG) when the monetary value of such overage is greater than \$25.00, respectfully, and with a billing advice 035 in 213-CALL-MOD-NBR (overage in shipment).

8.14.1.1. Access. The RECEIVED-BUT-NOT-BILLED-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.14.1.2. Size and Location. This fixed record length is 25 words and resides in the ITMDTL-GV area of the SBSS database.

8.14.2. Record Description. The description of the RECEIVED-BUT-NOT-BILLED-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.16. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 213-QTY-RECEIVED	PIC 9(10) USAGE IS COMP	Note 1
05 213-DTL-RECORD-TYPE	PIC X(01)	R

05 213-SUPP-ADDRESS	PIC X(06)	
05 213-DOCUMENT-NBR	PIC X(08)	
05 213-SUFFIX-CODE	PIC X(01)	
05 213-ADVICE-CODE	PIC X(02)	
05 213-PRIORITY	PIC X(02)	Note 2
05 213-SIGNAL-CODE	PIC X(01)	Note 2
05 213-CURRENCY-IDENTIFIER-CODE	PIC X(01)	Notes 4, 5, 6
05 213-CLAIMS-PAYABLE-FLAG	PIC X(01)	Note 7
05 213-BILLING-REQUEST-DATE	PIC X(07)	Note 8
05 213-TYPE-SRAN	PIC X(01)	
05 213-FUND-CODE	PIC X(02)	Note 9
05 213-AWARD-NBR		
10 213-PUR-ORDER-NBR		Note 3
15 213-PUR-ORDER-YEAR	PIC X(02)	
15 213-PUR-ORDER-NBR	PIC X(05)	
10 213-CALL-MODIFIER-NBR		
15 213-CALL-NBR-1	PIC X(01)	
15 213-CALL-MOD-NBR	PIC X(03)	BPA Call Number/Note 10
10 213-AWARD-FILLER	PIC X(01)	
05 213-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 11
05 213-RID	PIC X(03)	
05 213-OVER-SHORT-FLAG	PIC X(01)	Note 12
05 213-QTY-OVER-SHORT	PIC 9(05) USAGE IS COMP	Note 13
05 213-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 213-SYS-DESIG	PIC X(02)	
05 213-1ST-ROD-FLP-FLAG	PIC X(01)	
05 213-2ND-ROD-FLP-FLAG	PIC X(01)	
05 213-3RD-ROD-FLP-FLAG	PIC X(01)	

05 213-4TH-ROD-FLP-FLAG	PIC X(01)	
05 213-Z-FLG	PIC X(01)	
05 213-W-FLG	PIC X(01)	
05 213-A-F-FLP-1	PIC X(01)	
05 213-A-F-FLP-2	PIC X(01)	
05 213-A-F-FLP-3	PIC X(01)	
05 213-SPECIAL-RQMTS-FLAG	PIC X(01)	
05 213-FISCAL YEAR	PIC X(04)	
05 213-ROD-REPLY	PIC X(01)	
05 213-FILLER-1	PIC X(10)	Note 14
05 213-PURCHASE-LOCATION-CODE	PIC X(04)	
05 213-PROJECT-CODE	PIC X(03)	
05 213-ROD-CONTROL-NBR	PIC X(08)	

**Note:**

1. For type stock record account code P, the quantity received data will be reflected in inquiry print positions 16-22. The stock number will be reflected in inquiry print positions 1-15. The system designator will not be reflected on a type stock record account P inquiry of a received but not billed detail record. The quantity billed is the quantity reflected in this field, not necessarily the quantity received.
2. If the input TRIC is 1FN and the 213-CLAIMS-PAYABLE-FLAG field is F, the 213-PRIORITY and the 213-SIGNAL-CODE fields will contain the organization number.
3. If the receipt was from a local purchase source, the 213-E-ORDER-NBR will contain the purchase order number.
4. The currency identifier code applies to overseas bases only. If the received not billed is created as a result of a receipt being processed as a receipt not due in, this field will contain a Z.
5. When a REC is processed as a receipt not due in, this field will contain a Z.
6. This field will contain a W when the requirement is applicable to WRM.
7. A "P" indicates claims payable, resulting from receipts containing overages. For type stock record account code P, an F indicates refuelings by non-AF activities (DOD, contractor or commercial).
8. If the RNB is over 120 days old, a follow-up indicator (J) is placed in the last position of the 213-BILLING-REQUEST-DATE field.
9. If this is a BC Z detail record, the 213-FUND-CODE field is entered from the due-in. This field contains the fund code flag and fiscal year flag when base-funded investment (BC Z).
10. If the input TRIC is 1FN, then the 213-CALL-MOD-NBR field will contain blanks.

11. For type stock record account code P, the extended cost data will be reflected in inquiry print positions 56-64 with the remaining inquiry print positions shifting by one print position. The 213-RID data will be in inquiry print positions 65-67.
12. An alpha T in this field indicates that this detail was created as a result of TAR processing.
13. This field is updated only when quantity received is different from that shown on shipping document. A quantity variance flag distinguishes overages from shortages. When the 213-OVER-SHORT-FLAG field contains a T, the quantity reflected in this field is the shortage quantity.
14. The first position of the 213-FILLER-1 field will contain a Y when a ROD/SDR reply has been processed.

### 8.15. REM Vehicles Only Detail Record (214).

8.15.1. Purpose. To account for each vehicle that requires serialized control. A separate detail is established for each quantity of one that is on hand. The record is established automatically by program control at the time of issue and is deleted by program control when the item has been turned in or dropped by an inventory adjustment. This record provides for ease in reporting and inventory processing.

8.15.1.1. Access. The REM-VEHICLES-ONLY-DETAIL record participates as a member of both the ITEM-DTLS set, whose owner is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is the DOCUMENT-NBR record. The primary path of access is through the ITEM-DTLS set. An alternate path is available through the DOCN-DTLS set.

8.15.1.2. Size and Location. This fixed record length is 17 words and resides in the ITMDTL-GV area of the SBSS database.

8.15.2. Record Description. The description of the REM-VEHICLES-ONLY-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.17. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 214-CAGE	PIC X(05)	
05 214-DTL-RECORD-TYPE	PIC X(01)	
05 214-DOCUMENT-NBR		
10 214-ACTIVITY-CODE	PIC X(01)	
10 214-ORG-CODE	PIC X(03)	
10 214-SHOP-CODE	PIC X(02)	
10 214-DATE-SERIAL-NBR	PIC X(08)	
05 214-BASE-OF-PLANNED-USE	PIC X(03)	
05 214-ITEM-CODE	PIC X(01)	

05 214-TYPE-EQUIP-CODE	PIC X(01)	
05 214-USE-CODE	PIC X(01)	
05 214-ALLOWANCE-IDENTIFICATION	PIC X(07)	
05 214-VEHICLE-STATUS-CODE	PIC X(01)	
05 214-VEHICLE-REPLACEMENT-CODE	PIC X(01)	
05 214-WARRANTY-DATE	PIC 9(07) USAGE IS COMP	
05 214-VEHICLE-REGISTRATION-NBR	PIC X(08)	
05 214-REM-COMPONENT-FLAG	PIC X(01)	
05 214-DATE-ESTABLISHED	PIC 9(07) USAGE IS COMP	
05 214-DATE-OF LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 214-SYS-DESIG	PIC X(02)	
05 214-FILLER-1	PIC X(10)	
05 214-DEPLOYED-FLAG	PIC X(01)	
05 214-DEPLOYED-RID	PIC X(03)	
05 214-TYPE-FUEL-CODE	PIC X(02)	
05 214-FILLER-3	PIC X(02)	

### 8.16. Shipped Not Credited Detail Record (215).

8.16.1. Purpose. To create a record when a funded item is shipped for credit or when a latent defect/damaged-in-shipment item is shipped and credit has not been received. The SHIPPED-NOT-CREDITED-DETAIL record is established by program control. This record is eliminated only after the credit billing input has been received and processed. Periodically, these records are screened and follow-up action is taken according to the current MILSTRIP procedures for those which are overage or delinquent.

8.16.1.1. Access. The SHIPPED-NOT-CREDITED-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path through the DOCN-DTLS set.

8.16.1.2. Size and Location. This fixed record length is 24 words and resides in the ITMDTL-GV area of the SBSS database.

8.16.2. Record Description. The description of the SHIPPED-NOT-CREDITED-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.18. Record Description.**

<b>FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/REMARKS</b>
05 215-QTY-SHIPPED	PIC 9(05) USAGE IS COMP	
05 215-DTL-RECORD-TYPE	PIC X(01)	C
05 215-TYPE-SNC-FLG	PIC X(01)	Note 1
05 215-DOCUMENT-NBR	PIC X(08)	
05 215-MATERIEL-CONDITION	PIC X(01)	
05 215-DATE-SHIPPED	PIC 9(07)	Note 2
05 215-SIGNAL-CODE	PIC X(01)	
05 215-TYPE-SRAN	PIC X(01)	
05 215-FUND-CODE	PIC X(02)	Note 3
05 215-RID-OF-SHIP-TO-SRAN	PIC X(03)	Note 4
05 215-MODE-OF-SHIPMENT-CODE	PIC X(01)	Note 5
05 215-SUFFIX-CODE	PIC X(01)	
05 215-MRP-FLG	PIC X(01)	Note 6
05 215-RID	PIC X(03)	Note 7
05 215-EXTENDED-COST	PIC S9(10) USAGE IS COMP	Note 8
05 215-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 215-SYS-DESIG	PIC X(02)	
05 215-MAT-RECEIPT-DATE	PIC 9(07) USAGE IS COMP	
05 215-MAT-RELEASE-DATE	PIC 9(07) USAGE IS COMP	
05 215-FLP-DATE	PIC 9(07) USAGE IS COMP	
05 215-FLP-FLAG-1	PIC X(01)	
05 215-FLP-FLAG-2	PIC X(01)	
05 215-FISCAL-YEAR	PIC X(04)	

05 215-UNIT-OF-ISSUE	PIC X(02)	
05 215-PRIORITY	PIC X(02)	
05 215-SUPP-ADDRESS	PIC X(06)	
05 215-MEDIA-STATUS-CODE	PIC X(01)	
05 215-DISTRIBUTION-CODE	PIC X(01)	
05 215-TCN-GBL-NBR	PIC X(17)	
05 215-FILLER-1	PIC X(10)	
05 215-INCHECKER-CODE	PIC X(03)	Note 9
05 215-INCHECKER-DATE	PIC 9(07) USAGE IS COMP	Note 9
05 215-FOLLOW-UP-FLAG	PIC X(01)	
05 215-ORIGINAL-TRIC	PIC X(03)	
05 215-ORIGINAL-TTPC	PIC X(02)	
05 215-ORIGINAL-DOCUMENT-NBR	PIC X(14)	
05 215-TRANS-DATE	PIC X(15)	
<b>Note:</b> 1. The following information applies:		

**Table 8.19. Detail Record Type.**

<b>DETAIL RECORD TYPE</b>	<b>DEFINITION</b>	<b>CREATED BY</b>	<b>UPDATED BY</b>	<b>DELETED BY PROGRAM</b>
Blank	SNC - Credit	FTR	SSC	NGV588
1	Credit allowed	FTZ	SSC	NGV956/NGV588
2	Non-credit	A2*/SHP/FTR	SSC	NGV588
3	Reimbursable	SHP (TEX P, R, or Z)	SSC	NGV588
2. The date shipped field is blank when the detail is created. This field is updated by input of the shipment suspense (SSC) and is intended to be the date that the LRS/transportation activity has actually moved the asset.  3. For BC Z transactions, the 215-FUND-CODE field is structured with the fund code identifier in the first position and the fiscal year identifier in the last position.  4. The agency identified in positions 54-56 of the FTR is stored in these positions.				

5. This field contains the last character of the status code from the FTZ if the 215-TYPE SNC-FLG field equals 1.
6. This flag (F) is used to indicate that the shipment occurred as a result of a DIC FTR under the materiel returns program. Any output from input of an SSC or follow-up input is with an FTM document identifier.
7. This field contains the routing identifier of the agency issuing disposition instructions until confirmation of receipt is received (FTZ). Processing of the FTZ updates the type detail to a C1 and loads the materiel receipt date in this field. If the detail contains a type SNC indicator 3 in 215-TYPE-SNC-FLAG, this field will contain a follow-up date or will be blank.
8. For type stock record account code P, the extended cost data will be reflected in inquiry print positions 65-73 and the last date of last transaction will be in inquiry print positions 74-77.
9. This field contains the CMOS Inchecker Code and Date Inchecked when the CMOS flag is on.
10. This field contains the output device function number and the transaction date and serial number of the shipment transaction.

### 8.17. Special Level Detail Record (216).

8.17.1. Purpose. To Provide A SPECIAL-LEVEL-DETAIL Record For Control And Management Of Special Levels.

8.17.1.1. Access. The SPECIAL-LEVEL-DETAIL Record Is A Member Of The ITEM-DTLS Set, Whose Owner Record Is The ITEM-RECORD Record, And The DOCN-DTLS Set, Whose Owner Is DOCUMENT-NBR Record. The Primary Path Is Through The ITEM-DTLS Set, And An Alternate Path Is Through The DOCN-DTLS Set.

8.17.1.2. Size And Location. This Fixed Record Length Is 19 Words And Resides In The ITMDTL-GV Area Of The SBSS Database.

8.17.2. Record Description. The Description Of The SPECIAL-LEVEL-DETAIL Record As It Appears In The Schema, Subschema, And DML/COBOL Programs is as follows:

**Table 8.20. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 216-AUTH-QTY	PIC 9(05) USAGE IS COMP	Note 1
05 216-DTL-RECORD-TYPE	PIC X(01)	L
05 216-DOCUMENT-NBR		Note 2
10 216-ACTIVITY-CODE	PIC X(01)	
10 216-ORG-CODE	PIC X(03)	
10 216-SHOP-CODE	PIC X(02)	
10 216-DATE-SERIAL-NBR	PIC X(08)	



05 216-APPLICATION-SRAN-TASKING	PIC X(14)	Note 3
05 216-SRD	PIC X(03)	
05 216-PROJECT-CODE	PIC X(03)	
05 216-PBR-OVERRIDE	PIC X(01)	
05 216-FIXED-LEVEL-FACTOR	PIC X(01)	
05 216-DDFR	PIC 9(05) USAGE IS COMP	Note 4
05 216-TYPE-LEVEL-FLAG	PIC X(01)	Note 5
05 216-LEVEL-DIRECTED-BY-CODE	PIC X(01)	Note 6
05 216-DUPLICATE-DETAIL-FLAG	PIC X(01)	Note 7
05 216-LEVEL-JUSTIFICATION-CODE	PIC X(01)	Note 8
05 216-APPROVAL-FLAG	PIC X(01)	Note 9
05 216-SHOP-REPAIR-CAPABILITY	PIC X(01)	
05 216-MAJCOM-CODE	PIC X(02)	Note 10
05 216-DATE-OF-APPROVAL	PIC 9(07) USAGE IS COMP	Note 11
05 216-TYPE-SRAN	PIC X(01)	Note 12
05 216-DATE-LOADED-LAST-REVIEWED	PIC 9(07) USAGE IS COMP	Note 13
05 216-SYS-DESIG	PIC X(02)	
05 216-I141-MGT-NOTICE-FLAG	PIC X(01)	
05 216-CONFIRMED-FLAG	PIC X(01)	
05 216-FOLLOW-UP-FLAG	PIC X(01)	
05 216-DATE-OF-LAST-FOLLOW-UP	PIC 9(07) USAGE IS COMP	
05 216-EXPIRATION-DATE	PIC 9(07) USAGE IS COMP	Note 14
05 216-DATE-OF-LAST XE4-REPORT	PIC 9(07) USAGE IS COMP	
05 216-RECONCILIATION-FLAG	PIC X(01)	
05 216-FILLER-1	PIC X(02)	

05 216-RBL-OVERRIDE	PIC X(01)	
<p>Notes are applicable to mission change special level details (type level codes G and H) with the exception of note 14.</p> <p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. For type level codes G and H, the authorized quantity is the mission change daily demand rate (MCDDR) (xx.xxx).</li> <li>2. The detail load date is in positions 7-10 of the 216-DOCUMENT-NBR field.</li> <li>3. The SRAN where the data has been collected is stored in positions 1-4, and the tasking document is stored in positions 5-14. For new activations spares support list (NSSL) processing, the constant N is contained in position 5. The NSSL serial number is contained in positions 6-13. For RBL/COLT items (XB and XF), positions 1-6 will contain optional application data, e and positions 7-11 will contain the reorder point.</li> <li>4. The mission change daily demand frequency rate (MCDDFR) (x.xxxx) is in the 216-DDFR field. The percent of base repair override is in 216-PBR-OVERRIDE field.</li> <li>5. The type level code is G or H.</li> <li>6. This field is taken from the 1XT434 input. It must be A, C, or D (AFMC, CMD, or USAF).</li> <li>7. The computed mission change percent of base repair is stored in the first 216-DUPLICATE-DETAIL-FLAG field (from positions 26-27 of the 1SD input).</li> <li>8. The program has assigned C--program phasedown/phaseup.</li> <li>9. The program has assigned C--MAJCOM approval.</li> <li>10. The first position of command code may have a flag ON when an I141 management notice has been output.</li> <li>11. This field includes the mission support date (from 1XT434 input). The mission support date is the date when the mission change gaining base receives its full complement of the gained weapons system. At that point in time, the effect of the MCDDR and MCDDFR on the requirements computation begins to diminish.</li> <li>12. This field includes information from the SRD demand data input.</li> <li>13. This field contains the mission change detail effective date (from 1XT434 input). The mission change detail effective date is the date when the MCDDR and MCDDFR are first used in the requirements computation to affect the base demand level quantity.</li> <li>14. This note applies to all special level details. This field will contain 0 for levels initially loaded memo until firmed. Adjusted stock levels that equal type level F or contain level justification code S or 0 will remain 0. Type level E loaded for wholesale storage and distribution points items will remain 0.</li> </ol>		

### 8.18. Master Bench Stock Detail Record (217).

8.18.1. Purpose. To provide Bench Stock Support and individual organization with the necessary records for control of bench stock items.

8.18.1.1. Access. The MASTER-BENCH-STOCK DETAIL record is a member of the ITEM-DTLS set, whose owner record is DOCUMENT-NBR record, and the DOCN-DTLS

set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.18.1.2. Size and Location. This fixed record length is 18 words and resides in the ITMDTL-GV area of the SBSS database.

8.18.2. Record Description. The description of the MASTER-BENCH-STOCK-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.21. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 217-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 217-DTL-RECORD-TYPE	PIC X(01)	M
05 217-DOCUMENT-NBR		Note 1
10 217-ACTIVITY-CODE	PIC X(01)	
10 217-ORG-CODE	PIC X(03)	
10 217-SHOP-CODE	PIC X(02)	
10 217-DATE-SERIAL-NBR	PIC X(08)	
05 217-BIN-LOCATION	PIC X(11)	
05 217-COST-DATA	PIC X(07)	
05 217-MRA-MAQ-FLAG	PIC X(01)	
05 217-DATE-OF-FIRST-DEMAND	PIC 9(07) USAGE IS COMP	
05 217-CUMLTV-RECURRING-DEMANDS	PIC 9(07) USAGE IS COMP	
05 217-MRA-MAQ-QTY	PIC X(03)	
05 217-PROGRAM-601-FLAG	PIC X(01)	
05 217-SRD	PIC X(03)	
05 217-AS-REQUIRED	PIC X(13)	
05 217-SYS-DESIG	PIC X(02)	
05 217-FILLER-1	PIC X(09)	
<b>Note:</b> 1. The document number will consist of the following: a. Activity code B.		

- b. Organization code.
- c. Shop code.
- d. Date of last demand (DOLD).
- e. Item/bin number.

### 8.19. Supply Point Detail Record (218).

8.19.1. Purpose. To record supply point assets and/or data for the supply point listing. Supply point details are loaded, changed, and deleted by FSP inputs. See AFMAN 23-122, Sec 5C, Physical Asset Management, for supply point procedures. The QTY-ON-HAND field is updated by the issue, due-out release, turn in, and inventory adjustment programs.

8.19.1.1. Access. The SUPPLY-POINT-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.19.1.2. Size and Location. This fixed record length is 16 words and resides in the ITMDTL-GV area of the SBSS database.

8.19.2. Record Description. The description of the SUPPLY-POINT-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.22. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 218-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 218-DTL-RECORD-TYPE	PIC X(01)	
05 218-DOCUMENT-NBR		
10 218-ACTIVITY-CODE	PIC X(01)	
10 218-ORG-CODE	PIC X(03)	
10 218-SHOP-CODE	PIC X(02)	
10 218-DATE-SERIAL-NBR	PIC X(08)	
05 218-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 218-TYPE-AUTH	PIC X(05) USAGE IS COMP	Note 1
05 218-DIRECT-SHIP-TO-SRAN	PIC X(06)	
05 218-TYPE-SRAN	PIC X(01)	Note 2

05 218-SUPP-APPL-DATA	PIC X(10)	
05 218-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 218-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 218-SYS-DESIG	PIC X(02)	
05 218-STORAGE-LOCATION	PIC X(08)	
05 218-AUTHORIZING-DIRECTIVE	PIC X(14)	
05 218-ITEM-CODE	PIC X(01)	
05 218-INACCESSIBLE-FLAG	PIC X(01)	
05 218-FILLER-2	PIC X(07)	
<b>Note:</b> 1. If the type stock record account code is K, this field contains the type munitions authorization code. 2. For the type stock record account code K details, this field contains the ammunition location.		

## 8.20. MAP DETAIL Record (219).

8.20.1. Purpose. To manage automatic distribution of MAPS from the National Imagery and Mapping Agency.

8.20.1.1. Access. The MAP DETAIL record is an owner record that resides in the MAP-GV area. It can be accessed using the 219-CALC-KEY, which consists of the system designator, stock number and org/shop code.

8.20.1.2. Size and Location. This fixed record length is 16 words and resides in the MAP-GV area of the SBSS database.

8.20.2. Record Description. The description of the MAP-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.23. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 219-CALC-KEY	PIC X(22)	
05 219-SYS-DESIG	PIC X(01)	
05 219-STOCK-NUMBER	PIC X(15)	
05 219-ORG-SHOP	PIC X(05)	
05 219-AUTH-QTY	PIC 9(05) USAGE IS COMP	

05 219-DELIVERY-DESTINATION	PIC X(03)	
05 219-MARK-FOR	PIC X(14)	

### 8.21. RDO Suspense-Detail Record (220).

8.21.1. Purpose. To provide visibility and act as a suspense record for Redistribution Orders (RDO) that were not immediately shipped or denied when they were initially processed.

8.21.1.1. Access. The RDO-SUSPENSE-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.21.1.2. Size and Location. This fixed record length is 16 words and resides in the ITMDTL-GV area of the SBSS database.

8.21.2. Record Description. The description of the RDO-SUSPENSE-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.24. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 220-RDO-QTY	PIC 9(05) USAGE IS COMP	Note 1
05 220-DTL-RECORD-TYPE	PIC X(01)	
05 220-DOCUMENT-NBR	PIC X(08)	Note 2
05 220-TYPE-SRAN	PIC X(01)	
05 220-RID	PIC X(03)	
05 220-SHP-TO-SRAN	PIC X(06)	Note 3
05 220-SUFFIX-CODE	PIC X(01)	Note 4
05 220-PRIORITY	PIC X(02)	
05 220-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 220-SYS-DESIG	PIC X(02)	
05 220-UNIT-OF-ISSUE	PIC X(02)	
05 220-ORIG-TRIC	PIC X(03)	
05 220-PARTIAL-QTY	PIC 9(05) USAGE IS COMP	Note 5
05 220-DATE-SHIPPED	PIC 9(07) USAGE IS COMP	

05 220-FILLER-1	PIC X(07)	Note 6
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. This is the actual quantity that is currently suspended, and produced a reject or management notice (Ixxx or Rxxx).</li> <li>2. From the original A2x/A4x.</li> <li>3. From positions 30-35 of the original A2x/A4x.</li> <li>4. Suffix code needed for <u>reinput</u> to deny or ship future quantities.</li> <li>5. This will reflect the quantity that has been shipped or denied up to this point for the same 220 detail document number. EXAMPLE: RDO qty is 5 and 3 assets are shipped. The 220-PARTIAL-QTY equals 3 and the 220-RDO-QTY equals 2 (number currently suspended). If one additional asset becomes available for shipment, then the 220-PARTIAL-QTY is increased to 4 and the 220-RDO-QTY is reduced to one. These two quantities (RDO-QTY and PARTIAL-QTY) will equal the quantity of the original A2x/A4x. The 220 detail will be deleted when the last quantity for 1 is either shipped or denied.</li> <li>6. The filler-1 field is defined as follows: <ol style="list-style-type: none"> <li>a. Position 1: I(management notice) or R(reject).</li> <li>b. Positions 2-4: Three position management or reject number.</li> <li>c. Position 5: Is the follow-up counter. This field will be updated when a BF7 is received for the 220 detail document number; it is also incremented with each subsequent follow-up.</li> <li>d. Position 6: Cancellation flag. This field will be set to a "C" if an ACx (cancellation request) is received for the same 220 detail document number.</li> <li>e. Position 7: This is the original suffix code from the A2x.</li> </ol> </li> </ol>		

## 8.22. Claims Receivable Detail Record (221).

8.22.1. Purpose. To record, under the conditions explained below, a claims receivable detail record instead of a BNR. The CLAIMS-RECEIVABLE-DETAIL record is established under program control during supply follow-up on due-in details when the due-in detail is subject to valid cancellation and a corresponding BNR detail is in the computer with extended cost greater than \$100.00 for General Services Administration (GSA) and greater than or equal to \$250.00 for Defense Logistics Agency (DLA) and other services SMAG sources of supply. Under this condition, the BNR detail is deleted and the claims receivable detail is created instead. This detail is used as a source for request for billing credit. It is deleted when the credit billing is received and processed or when the credit billing is denied by the supplier. This record is also created for the amount of shortage in funded receipt when the monetary value of such shortage is as specified above.

8.22.1.1. Access. The CLAIMS-RECEIVABLE-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.22.1.2. Size and Location. This fixed record length is 18 words and resides in the ITMDTL-GV area of the SBSS database.

8.22.2. Record Description. The description of the CLAIMS-RECEIVABLE-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.25. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 221-QTY	PIC 9(10) USAGE IS COMP	
05 221-DTL-RECORD-TYPE	PIC X(01)	
05 221-SUPP-ADDRESS	PIC X(06)	
05 221-DOCUMENT-NBR	PIC X(08)	
05 221-SUFFIX-CODE	PIC X(01)	
05 221-SUPPLY-STATUS	PIC X(02)	
05 221-INTERFUND-ADVICE-CODE	PIC X(03)	
05 221-CLAIMS-PAYABLE-FLAG	PIC X(01)	
05 221-SOURCE-FLAG	PIC X(01)	Note 1
05 221-FAE-DATE	PIC 9(07) USAGE IS COMP	Note 2
05 221-TYPE-SRAN	PIC X(01)	
05 221-FUND-CODE	PIC X(02)	
05 221-953-CONSTANT	PIC X(03)	
05 221-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 221-RID	PIC X(03)	
05 221-BILL-NBR	PIC X(06)	
05 221-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	Note 3
05 221-SYS-DESIG	PIC X(02)	
05 221-1ST-ROD-FLP-FLAG	PIC X(01)	
05 221-2ND-ROD-FLP-FLAG	PIC X(01)	
05 221-3RD-ROD-FLP-FLAG	PIC X(01)	
05 221-4TH-ROD-FLP-FLAG	PIC X(01)	
05 221-A-F-FLP-1	PIC X(01)	



05 221-A-F-FLP-2	PIC X(01)	
05 221-ROD-REPLY	PIC X(01)	
05 221-ROD-CONTROL-NBR	PIC X(08)	
05 221-PROJECT-CODE	PIC X(03)	
<b>Notes:</b> 1. Assign S for short receipt. Assign B for reclassified BNR. 2. This field will contain the last Report of Discrepancy/Supply Discrepancy Report (ROD/SDR) follow-up date until the fourth follow-up is processed. Then the date will be blanked. The field then becomes the date of the FAE. 3. This field contains ROID information and is used by program NGV997 to indicate the number of follow-ups generated. ROID information is in the 221-DATE-OF-LAST-TRANSACTION field of the CLAIMS-RECEIVABLE-DETAIL record.		

### 8.23. Part-Number Detail Record (222).

8.23.1. Purpose. To provide the capability to convert a part number request to a valid National Stock NUMBER. The PART-NBR-DETAIL record is shed by Demand Processing.

8.23.1.1. Access. The PART-NBR-DETAIL participates as a member of the ITM-PRT set whose owner is the ITEM-RECORD record. Access is through the ITEM-PRT. The keys required by the DMSCALC routine are as follows:

8.23.1.1.1. 222-CALC-KEY.

8.23.1.1.1.1. (CALC KEY contains 222-SYS-DESIG and 222-PART-NBR-FIRST-14)

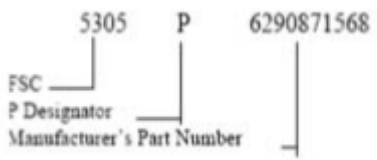
8.23.1.1.2. PRT-NBR-AREA NAME.

8.23.1.2. Size and Location. This fixed record length is 26 words and resides in the PRTNBR-AREA of the SBSS database.

8.23.2. Record Description. The description of the PART-NBR-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.26. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 222-CALC-KEY	PIC X(16)	
05 222-SYS-DESIG	PIC X(02)	
05 222-PART-NBR-FIRST-14	PIC X(14)	Note 1
05 222-PART-NBR-LAST-18	PIC X(18)	
05 222-CAGE	PIC X(05)	Note 2
05 222-STOCK-NUMBER	PIC X(15)	

05 222-END-ITEM-APPLICATION	PIC X(19)	
05 222-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 222-FILLER	PIC X(10)	
<b>Note:</b> 1. The configuration of Manufacturer's Part Number.  2. This field must be a valid commercial and government entity (CAGE) code or ZZZZZ.		

#### 8.24. Vendor-Owned Container Detail Record (223).

8.24.1. Purpose. To control vendor-owned cylinders and containers.

8.24.1.1. Access. The VENDOR-OWNED-CONTAINER-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.24.1.2. Size and Location. This fixed record length is 13 words and resides in the ITMDTL-GV area of the SBSS database.

8.24.2. Record Description. The description of the VENDOR-OWNED-CONTAINER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.27. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 223-QTY	PIC 9(05) USAGE IS COMP	
05 223-DTL-RECORD-TYPE	PIC X(01)	G
05 223-DOCUMENT-NBR		
10 223-ACTIVITY-CODE	PIC X(01)	
10 223-ORG-CODE	PIC X(03)	
10 223-SHOP-CODE	PIC X(02)	
10 223-DATE-SERIAL-NBR	PIC X(08)	
05 223-AWARD-NBR		

10 223-PURCHASE-ORDER-NBR		
15 223-PUR-ORDER-YEAR	PIC X(02)	
15 223-PUR-ORDER-NBR	PIC X(05)	
10 223-CALL-MODIFIER-NBR		
15 223-CALL-NBR-1	PIC X(01)	
15 223-CALL-MOD-NBR	PIC X(03)	
10 223-AWARD-FILLER	PIC X(01)	
05 223-RETURN-DATE	PIC 9(07) USAGE IS COMP	
05 223-FEE-REFUND-CODE	PIC X(01)	
05 223-FEE-REFUND-AMOUNT	PIC 9(07) USAGE IS COMP	
05 223-OPTIONAL-DATA	PIC X(12)	
05 223-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 223-SYS-DESIG	PIC X(02)	
05 223-FILLER-1	PIC X(06)	

## 8.25. Shipment Suspense Detail Record (224).

8.25.1. Purpose. To provide automated response to a follow-up request on the required delivery date (RDD) and shipment status on lateral requisitions. It provides a medium for recording transportation data applicable to the shipment which is provided by Cargo Movement and recorded using the shipment suspense card (SSC) input. The detail is retained for 60 days at CONUS bases and 120 days at bases overseas. If the detail was created from a TRM input for a serviceable (condition A) item, the suspense record is retained for 120 days for both CONUS and overseas bases. The detail is deleted by program NGV588.

8.25.1.1. Access. This record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set, and an alternate path is through the DOCN-DTLS set.

8.25.1.2. Size and Location. This fixed record length is 21 words and resides in the ITMDTL-GV area of the SBSS database.

8.25.2. Record Description. The description of the SHIPMENT-SUSPENSE-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.28. Record Description.**

<b>FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/REMARKS</b>
05 224-QTY-SHIPED	PIC 9(05) USAGE IS COMP	
05 224-DTL-RECORD-TYPE	PIC X(01)	C
05 224-DOCUMENT-NBR	PIC X(08)	Last eight positions
05 224-MATERIEL-CONDITION	PIC X(01)	
05 224-DATE-SHIPED	PIC 9(07)	Note 5
05 224-SIGNAL-CODE	PIC X(01)	
05 224-TYPE-SRAN	PIC X(01)	
05 224-FUND-CODE	PIC X(02)	Note 1
05 224-RID	PIC X(03)	Note 2
05 224-SRAN	PIC X(06)	First six positions
05 224-SUFFIX-CODE	PIC X(01)	
05 224-HOLD-CODE	PIC X(01)	
05 224-MRP-FLG	PIC X(01)	Note 3(A), (F), or (T)
05 224-RESERVED	PIC X(01)	
05 224-PRIORITY	PIC X(02)	
05 224-MODE-OF-SHIPMENT-CODE	PIC X(01)	
05 224-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 224-SYS-DESIG	PIC X(02)	
05 224-TCN-GBL-NBR	PIC X(17)	Note 5
05 224-SUPP-ADDRESS	PIC X(06)	
05 224-SPECIAL-FLAG	PIC X(01)	
05 224-PRIORITY-2	PIC X(02)	
05 224-UNIT-OF-ISSUE	PIC X(02)	
05 224-MEDIA-STATUS-CODE	PIC X(01)	
05 224-DISTRIBUTION-CODE	PIC X(01)	
05 224-FILLER-1	PIC X(07)	

05 224-INCHECKER-CODE	PIC X(03)	Note 4
05 224-INCHECKER-DATE	PIC 9(07) USAGE IS COMP	Note 4
05 224-FOLLOW-UP-FLAG	PIC X(01)	
05 224-ORIGINAL-TRIC	PIC X(03)	
05 224-ORIGINAL-TTPC	PIC X(02)	
05 224-ORIGINAL-DOCUMENT-NBR	PIC X(14)	
05 224-TRANS-DATA	PIC X(15)	Note 6
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. This field contains the fund code, or the ammunition transaction code 00, 53, or 63 for ammunition, or remains blank.</li> <li>2. This field will contain the routing identifier code of the directing source (A2x/A4x) or the item record/input routing identifier code (SHP).</li> <li>3. Flag (A) is used to indicate that the detail was built by an FTA output document. Any output will result in an FTM. Flag (F) indicates that the shipment has occurred as a result of a DIC FTR under the materiel returns program. Any output from input of the SSC or follow-up inputs must be with an FTM document identifier code. Flag (T) is used to indicate that the detail was built by a TRM input. Any output will result in an AS3 DIC with a distribution code 9.</li> <li>4. This field contains the CMOS Inchecker Code and Date Inchecked when the CMOS flag is on.</li> <li>5. If the LRS CC/AO's Pickup and Delivery delivers items to DLADS, the 224-DATE-SHIPPED field will contain the current processing date, and the 224-TCN-NBR will contain the A5J document number.</li> <li>6. This field contains the output device function number and the transaction date and serial number of the shipment transaction.</li> </ol>		

## 8.26. Special Purpose Asset Detail Record (225).

8.26.1. Purpose. To provide visibility and accountability of special purpose recoverable assets authorized and issued to maintenance activities. The detail will contain authorized quantity, on-hand quantity, authorization, application, and other pertinent data.

8.26.1.1. Access. The SPCL-PURPOSE-ASSET-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.26.1.2. Size and Location. This fixed record length is 13 words and resides in the ITMDTL-GV area of the SBSS database.

8.26.2. Record Description. The description of the SPCL-PURPOSE-ASSET-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.29. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 225-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 225-DTL-RECORD-TYPE	PIC X(01)	K
05 225-DOCUMENT-NBR		
10 225-ACTIVITY-CODE	PIC X(01)	
10 225-ORG-CODE	PIC X(03)	
10 225-SHOP-CODE	PIC X(02)	
10 225-DATE-SERIAL-NBR	PIC X(08)	
05 225-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 225-PRIME-SUB-FLAG	PIC X(01)	
05 225-AUTH-DOCUMENT-CODE	PIC X(10)	
05 225-TYPE-SPRAM-FLAG	PIC X(01)	Note 1
05 225-SRD	PIC X(03)	
05 225-DATE-ESTABLISHED	PIC 9(07) USAGE IS COMP	
05 225-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 225-SYS-DESIG	PIC X(02)	
05 225-DEPLOYED-FLAG	PIC X(01)	
05 225-DEPLOYED-RID	PIC X(03)	
05 225-FILLER-1	PIC X(04)	
05 225-DEPLOYED-QTY	PIC 9(05) USAGE IS COMP	
<b>Note:</b> 1. This field contains the type special purpose recoverables authorized maintenance (SPRAM) flag assigned from the 1XA load and is used as follows: <ul style="list-style-type: none"> <li>a. A--Stand alone</li> <li>b. D--21 TO/Alternate mission equipment (780)</li> <li>c. T--Training</li> </ul>		

- d. F--Fault isolation
- e. S--Shop standard
- f. B--Test station spares
- g. Z--Other

### 8.27. MICAP/AWP Suspense Detail Record (228).

8.27.1. Purpose. To contain the data required to provide automated response to the Air Force Materiel Command (AFMC) and MAJCOM interrogation requests (B9X) for terminated MICAP/AWP reports. This record will be maintained for a minimum of 90 days.

8.27.1.1. Access. The MICAP-SUSPENSE-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set with the alternate path through the DOCN-DTLS set.

8.27.1.2. Size and Location. This fixed record length is 14 words and resides in the ITMDTL-AREA area of the SBSS database.

8.27.2. Record Description. The description of a MICAP-SUSPENSE-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.30. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 228-QTY	PIC 9(05) USAGE IS COMP	
05 228-DTL-RECORD-TYPE	PIC X(01)	Y
05 228-SUPP-ADDRESS	PIC X(06)	
05 228-DOCUMENT-NBR	PIC X(08)	
05 228-ACTION-FLAG	PIC X(01)	
05 228-SRD	PIC X(03)	
05 228-HOUR-CODE	PIC X(01)	
05 228-DELETE-CODE	PIC X(01)	
05 228-UJC	PIC X(02)	
05 228-ACTION-DATE	PIC 9(07) USAGE IS COMP	
05 228-WORK-UNIT-CODE	PIC X(02)	
05 228-MAJCOM-CODE	PIC X(02)	
05 228-SOURCE-OF-SUPPLY	PIC X(03)	

05 228-ORG-CODE	PIC X(03)	
05 228-ADVICE-CODE	PIC X(01)	Z
05 228-SERIAL-NBR	PIC X(08)	Note
05 228-CAUSE-CODE	PIC X(01)	
05 228-TEX-CODE	PIC X(01)	Y
05 228-DATE-ESTABLISHED	PIC 9(07) USAGE IS COMP	
05 228-SYS-DESIG	PIC X(02)	
05 228-FILLER-1	PIC X(04)	
<b>Note:</b> If the 228-URGENCY-JSTFCTN field is AR or BR, this field will contain the end item national item identification number (NIIN).		

### 8.28. Excess Transportation Payable Detail Record (229).

8.28.1. Purpose. To provide visibility of liability at end of month (EOM) for transportation costs associated with the shipment of excess SMAG materiel to the source of supply. The Accounting and Finance (A&F) on-order intransit program summarizes excess transportation payable detail records on file and creates SMAG general ledger inputs for updating GLA 20005.

8.28.1.1. Access. The TRANSPORTATION-PAYABLE-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.28.1.2. Size and Location. This fixed record length is 8 words and resides in the ITMDTL-AREA area of the SBSS database.

8.28.2. Record Description. The record description of a TRANSPORTATION-PAYABLE-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.31. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 229-FUND-CODE	PIC X(02)	
05 229-DTL-RECORD-TYPE	PIC X(01)	J
05 229-SUPP-ADDRESS	PIC X(06)	
05 229-GBL-NBR	PIC X(08)	
05 229-TYPE-SRAN	PIC X(01)	



05 229-EXTENDED-COST	PIC 9(08) V99 USAGE IS COMP	
05 229-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 229-SYS-DESIG	PIC X(02)	
05 229-FILLER-1	PIC X(06)	

### 8.29. Munition WRM Spares Detail Record (230).

8.29.1. Purpose. To record each item authorized and stocked as munitions WRM spares. Substitute detail records will be established under program control anytime an item is issued as an interchangeable or substitute for the prime stock number.

8.29.1.1. Access. The MUNITION-WRM-SPARES-DETAIL record participates as a member of both the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner is the DOCUMENT-NBR record. The primary access path is through the ITEM-DTLS set. An alternate access path is available through the ITEM-DTLS set.

8.29.1.2. Size and Location. This fixed record length is 11 words and resides in the ITMDTL-GV area of the SBSS database.

8.29.2. Record Description. The description of the MUNITION-WRM-SPARES-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.32. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 230-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	Note 1
05 230-TYPE-SPARES-CODE	PIC X(01)	W
05 230-DOCUMENT-NBR		
10 230-ACTIVITY-CODE	PIC X(01)	
10 230-ORG-CODE	PIC X(03)	
10 230-SHOP-CODE	PIC X(02)	
10 230-DATE-SERIAL-NBR	PIC X(08)	
05 230-FILLER-TEX	PIC X(01)	
05 230-AUTH-QTY	PIC 9(05) USAGE IS COMP	Note 2
05 230-WRM-LIST-NBR	PIC X(04)	Note 3

05 230-DETAIL-QTY	PIC 9(05) USAGE IS COMP	Note 4
05 230-TYPE-SRAN	PIC X(01)	
05 230-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 230-TYPE-AUTH	PIC X(01)	(F or K)
05 230-PRIME-SUB-FLAG	PIC X(01)	
05 230-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 230-SYS-DESIG	PIC X(02)	
05 230-FILLER-1	PIC X(07)	
<b>Note:</b> 1. For type authorization code K, this field will contain zeros. 2. For type authorization code K, this field will contain zeros. 3. This field applies to type authorization codes F and K only. 4. This field applies to type authorization code K only.		

### 8.30. Mission Support Kit (MSK) Detail Record (232).

8.30.1. Purpose. To record each item authorized or stocked in an MSK. See AFMAN 23-122, Sec 2F, Readiness Spares Packages and Kits for load, change, and delete information.

8.30.1.1. Access. The MISSION-SUPPORT-KIT detail record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR RECORD. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.30.1.2. Size and Location. This fixed record length is 22 words and resides in the ITMDTL-GV area of the SBSS database.

8.30.2. Record Description. The description of the MISSION-SUPPORT-KIT record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.33. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 232-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 232-DOCUMENT-NBR		
10 232-ACTIVITY-CODE	PIC X(01)	

10 232-ORG-CODE	PIC X(03)	
10 232-SHOP-CODE	PIC X(02)	
10 232-DATE-SERIAL-NBR	PIC X(08)	
05 232-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 232-PRIME-SUB-FLAG	PIC X(01)	
05 232-MDS	PIC X(07)	
05 232-WORK-UNIT-CODE	PIC X(05)	
05 232-SRD	PIC X(03)	
05 232-MAINT-REPAIR-CONCEPT	PIC X(01)	
05 232-PERCENT-APPLICATION	PIC X(02)	
05 232-NOTE-CODE	PIC X(01)	
05 232-ASSET-STATUS-FLAG	PIC X(01)	
05 232-TYPE-SPARES-CODE	PIC X(01)	P or T
05 232-QTY-PER-APPLICATION	PIC 9(05) USAGE IS COMP	
05 232-LOCATION-CODE	PIC X(11)	
05 232-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 232-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 232-SYS-DESIG	PIC X(02)	
05 232-WITHDRAWAL-FLAG	PIC X(01)	
05 232-DEPLOYED-QTY	PIC 9(05) USAGE IS COMP	
05 232-INCREMENT-CODE	PIC X(06)	
05 232-END-ITEM-IDENT-CODE	PIC X(03)	
05 232-MISSION-CAPABILITY-CODE	PIC X(01)	
05 232-INVENTORY-FREEZE-CODE	PIC X(01)	
05 232-DEPLOYED-RID	PIC X(03)	
05 232-UNIT-TYPE-CODE	PIC X(06)	

05 232-LEAST-ACCEPTABLE-ITEM	PIC X(01)	
05 232-PRIORITY-OVERRIDE	PIC X(01)	
05 232-TYPE-ADJUSTED-LEVEL	PIC X(01)	Unused
05 232-FILLER-2	PIC X(03)	Note 1
<b>Note:</b> The Filler-2 field will contain the input project code.		

### 8.31. SPECIAL SPARES DETAIL RECORD (233).

8.31.1. Purpose. To record each item authorized or stocked for Bare Base, Harvest Eagle, or Southwest Asia. See AFMAN 23-122, Sec 2F, Readiness Spares Packages and Kits for load, change, and delete information.

8.31.1.1. Access. The SPECIAL-SPARES detail record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR-RECORD. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.31.1.2. Size and Location. This fixed record length is 25 words and resides in the ITMDTL-GV area of the SBSS database.

8.31.2. Record Description. The description of the SPECIAL-SPARES record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.34. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 233-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 233-DOCUMENT-NBR		
10 233-ACTIVITY-CODE	PIC X(01)	
10 233-ORG-CODE	PIC X(03)	
10 233-SHOP-CODE	PIC X(02)	
10 233-DATE-SERIAL-NBR	PIC X(08)	
05 233-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 233-PRIME-SUB-FLAG	PIC X(01)	
05 233-ALLOWANCE-IDENTIFICATION	PIC X(07)	Note 1
05 233-LOCAL-IDENTIFIER	PIC X(03)	Note 2
05 233-NOTE-CODE	PIC X(01)	
05 233-ASSET-STATUS-FLAG	PIC X(01)	

05 233-TYPE-SPARES-CODE	PIC X(01)	H
05 233-QTY-PER-APPLICATION	PIC 9(05) USAGE IS COMP	
05 233-LOCATION-CODE	PIC X(11)	
05 233-SUPPORTABILITY-CODE	PIC X(01)	
05 233-AUTH-UNSUPPORTABLE-QTY	PIC 9(05) USAGE IS COMP	
05 233-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 233-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 233-SYS-DESIG	PIC X(02)	
05 233-WITHDRAWAL-FLAG	PIC X(01)	
05 233-ALTERNATE-STORAGE-LOC-CODE	PIC X(04)	
05 233-PLANNED-OPERATING-BASE	PIC X(04)	
05 233-DEPLOYED-QTY	PIC 9(05) USAGE IS COMP	
05 233-END-ITEM-IDENT-CODE	PIC X(03)	
05 233-SRD	PIC X(03)	
05 233-REPORTING-MAJCOM-CODE	PIC X(02)	
05 233-USING-MAJCOM-CODE	PIC X(02)	
05 233-UNIT-TYPE-CODE	PIC X(06)	
05 233-INCREMENT-CODE	PIC X(06)	
05 233-INVENTORY-FREEZE-CODE	PIC X(01)	
05 233-DEPLOYED-RID	PIC X(03)	
05 233-LEAST-ACCEPTABLE-ITEM	PIC X(01)	
05 233-FILLER-1	PIC X(05)	

**Notes:**

1. The first three positions of this field reflect the Allowance Standard, where Allowance Standard 158 = Bare Base/Harvest Eagle, and Allowance Standard 159 = Southwest Asia.
2. This field will contain a locally assigned code for identification purposes.

### 8.32. High Priority Mission Support Kit (HPMSK)/Contingency High Priority Mission Support Kit (CHPMSK) Detail Record (234).

8.32.1. Purpose. To record each item authorized or stocked for High Priority Mission Support Kits/Contingency High Priority Mission Support Kit. See AFMAN 23-122, Sec 2F, Readiness Spares Packages and Kits for load, change, and delete information.

8.32.1.1. Access. The HIGH-PRIORITY-MISSION-SUPPORT/CONTINGENCY HIGH PRIORITY MISSION SUPPORT KIT detail record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR RECORD. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.32.1.2. Size and Location. This fixed record length is 26 words and resides in the ITMDTL-GV area of the SBSS database.

8.32.2. Record Description. The description of the HIGH-PRIORITY-MISSION-SUPPORT record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.35. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 234-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 234-DOCUMENT-NBR		
10 234-ACTIVITY-CODE	PIC X(01)	
10 234-ORG-CODE	PIC X(03)	
10 234-SHOP-CODE	PIC X(02)	
10 234-DATE-SERIAL-NBR	PIC X(08)	
05 234-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 234-PRIME-SUB-FLAG	PIC X(01)	
05 234-MDS	PIC X(07)	
05 234-WORK-UNIT-CODE	PIC X(05)	
05 234-SRD	PIC X(03)	
05 234-MAINT-REPAIR-CONCEPT	PIC X(01)	
05 234-PERCENT-APPLICATION	PIC X(02)	
05 234-NOTE-CODE	PIC X(01)	
05 234-ASSET-STATUS-FLAG	PIC X(01)	
05 234-TYPE-SPARES-CODE	PIC X(01)	Note 1

05 234-QTY-PER-APPLICATION	PIC 9(05) USAGE IS COMP	
05 234-LOCATION-CODE	PIC X(11)	
05 234-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 234-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 234-SYS-DESIG	PIC X(02)	
05 234-WITHDRAWAL-FLAG	PIC X(01)	
05 234-DEPLOYED-QTY	PIC 9(05) USAGE IS COMP	
05 234-INCREMENT-CODE	PIC X(06)	
05 234-END-ITEM-IDENT-CODE	PIC X(03)	
05 234-SUPPORTABILITY-CODE	PIC X(01)	
05 234-AUTH-UNSUPPORTABLE-QTY	PIC 9(05)	
05 234-MISSION-CAPABILITY-CODE	PIC X(01)	
05 234-INVENTORY-FREEZE-CODE	PIC X(01)	
05 224-LEAST-ACCEPTABLE-ITEM	PIC X(01)	
05 234-FILLER-1	PIC X(03)	
05 234-UNIT-TYPE-CODE	PIC X(06)	
05 234-FILLER-2	PIC X(12)	Note 2
05 234-DEPLOYED-RID	PIC X(03)	
<b>Note:</b> 1. TYPE-SPARES-CODE will contain the character F. 2. Position 1 will contain the contingency flag and position 2-8 will contain the XE6 confirmation date.		

### 8.33. Scheme Detail Record (235).

8.33.1. Purpose. To record each item authorized or stocked in a SCHEME.

8.33.1.1. Access. The SCHEME-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR RECORD. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.33.1.2. Size and Location. This fixed record length is 12 words and resides in the ITMDTL-GV area of the SBSS database.

8.33.2. Record Description. The description of the PROJECT-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.36. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 235-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 235-DTL-RECORD-TYPE	PIC X(01)	Q
05 235-DOCUMENT-NBR		
10 235-ACTIVITY-CODE	PIC X(01)	
10 235-ORG-CODE	PIC X(03)	
10 235-SHOP-CODE	PIC X(02)	
10 235-DATE-SERIAL-NBR	PIC X(08)	
05 235-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 235-ITEM-CODE	PIC X(01)	
05 235-PROJECT-NBR	PIC X(08)	
05 235-PROJECT-MANAGER-CODE	PIC X(02)	
05 235-MINIMUM-CUTTING-LENGTH	PIC X(01)	
05 235-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 235-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 235-SYS-DESIG	PIC X(02)	
05 235-FILLER	PIC X(09)	

#### **8.34. Non-Airborne Mobility Readiness Spares Package (NAMRSP) Detail Record (237).**

8.34.1. Purpose. To record each item authorized or stocked in a non-airborne mobility readiness spares package. See AFMAN 23-122, Sec 2F, Readiness Spares Packages and Kits for load, change, and delete information.

8.34.1.1. Access. The NON-AIRBORNE-MRSP detail record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.



8.34.1.2. Size and Location. This fixed record length is 26 words and resides in the ITMDTL-GV area of the SBSS database.

8.34.2. Record Description. The description of the NON-AIRBORNE-MRSP record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.37. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 237-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 237-DOCUMENT-NBR		
10 237-ACTIVITY-CODE	PIC X(01)	
10 237-ORG-CODE	PIC X(03)	
10 237-SHOP-CODE	PIC X(02)	
10 237-DATE-SERIAL-NBR	PIC X(08)	
05 237-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 237-PRIME-SUB-FLAG	PIC X(01)	
05 237-MDS	PIC X(07)	
05 237-WORK-UNIT-CODE	PIC X(05)	
05 237-SRD	PIC X(03)	
05 237-MAINT-REPAIR-CONCEPT	PIC X(01)	
05 237-PERCENT-APPLICATION	PIC X(02)	
05 237-END-ITEM-IDENT-CODE	PIC X(03)	
05 237-NOTE-CODE	PIC X(01)	
05 237-ASSET-STATUS-FLAG	PIC X(01)	
05 237-TYPE-SPARES-CODE	PIC X(01)	C, J, or X
05 237-QTY-PER-APPLICATION	PIC 9(05) USAGE IS COMP	
05 237-LOCATION-CODE	PIC X(11)	
05 237-SUPPORTABILITY-CODE	PIC X(01)	
05 237-AUTH-UNSUPPORTABLE-QTY	PIC 9(05) USAGE IS COMP	

05 237-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 237-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 237-SYS-DESIG	PIC X(02)	
05 237-WITHDRAWAL-FLAG	PIC X(01)	
05 237-DEPLOYED-QTY	PIC 9(05) USAGE IS COMP	
05 237-INCREMENT-CODE	PIC X(06)	
05 237-MISSION-CAPABILITY-CODE	PIC X(01)	
05 237-INVENTORY-FREEZE-CODE	PIC X(01)	
05 237-UNIT-TYPE-CODE	PIC X(06)	
05 237-LEAST-ACCEPTABLE-ITEM	PIC X(01)	
05 237-FILLER-2	PIC X(15)	
05 237-DEPLOYED-RID	PIC X(03)	

### 8.35. Weapons Training Detachment Operating System (WTDOS) Detail Record (238).

8.35.1. Purpose. To record each item authorized or stocked in a weapons training detachment operating system.

8.35.1.1. Access. The WEAPONS-TRAINING-SPARES detail record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR RECORD. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.35.1.2. Size and Location. This fixed record length is 26 words and resides in the ITMDTL-GV area of the SBSS database.

8.35.2. Record Description. The description of the WEAPONS-TRAINING-SPARES record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.38. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 238-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 238-DOCUMENT-NBR		
10 238-ACTIVITY-CODE	PIC X(01)	
10 238-ORG-CODE	PIC X(03)	

10 238-SHOP-CODE	PIC X(02)	
10 238-DATE-SERIAL-NBR	PIC X(08)	
05 238-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 238-PRIME-SUB-FLAG	PIC X(01)	
05 238-MDS	PIC X(07)	
05 238-MAINT-REPAIR-CONCEPT	PIC X(01)	
05 238-PERCENT-APPLICATION	PIC X(02)	
05 238-NOTE-CODE	PIC X(01)	
05 238-ASSET-STATUS-FLAG	PIC X(01)	
05 238-TYPE-SPARES-CODE	PIC X(01)	G
05 238-QTY-PER-APPLICATION	PIC 9(05) USAGE IS COMP	
05 238-LOCATION-CODE	PIC X(11)	
05 238-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 238-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 238-SYS-DESIG	PIC X(02)	
05 238-WITHDRAWAL-FLAG	PIC X(01)	
05 238-DEPLOYED-QTY	PIC 9(05) USAGE IS COMP	
05 238-INCREMENT-CODE	PIC X(06)	
05 238-WORK-UNIT-CODE	PIC X(05)	
05 238-SRD	PIC X(03)	
05 238-END-ITEM-IDENT-CODE	PIC X(03)	
05 238-SUPPORTABILITY-CODE	PIC X(01)	
05 238-AUTH-UNSUPPORTABLE-QTY	PIC 9(05)	
05 238-MISSION-CAPABILITY-CODE	PIC X(01)	
05 238-INVENTORY-FREEZE-CODE	PIC X(01)	
05 238-LEAST-ACCEPTABLE-ITEM	PIC X(01)	

05 238-FILLER-2	PIC X(15)	
05 238-DEPLOYED-RID	PIC X(03)	
05 238-UNIT-TYPE-CODE	PIC X(06)	

### 8.36. Airborne Mobility Readiness Spares Package (AMRSP) Detail Record (239).

8.36.1. Purpose. To record each item authorized or stocked in a mobility readiness spares package. See AFMAN 23-122, Sec 2F, Readiness Spares Packages and Kits for load, change, and delete information.

8.36.1.1. Access. The AIRBORNE-MOBILITY-READINESS-SPARES-PACKAGE detail record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR-RECORD. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.36.1.2. Size and Location. This fixed record length is 28 words and resides in the ITMDTL-GV area of the SBSS database.

8.36.2. Record Description. The description of the AIRBORNE-MRSP record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.39. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 239-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 239-DOCUMENT-NBR		
10 239-ACTIVITY-CODE	PIC X(01)	
10 239-ORG-CODE	PIC X(03)	
10 239-SHOP-CODE	PIC X(02)	
10 239-DATE-SERIAL-NBR	PIC X(08)	
05 239-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 239-PRIME-SUB-FLAG	PIC X(01)	
05 239-MDS	PIC X(07)	
05 239-WORK-UNIT-CODE	PIC X(05)	
05 239-SRD	PIC X(03)	
05 239-LOCATION-CODE	PIC X(11)	
05 239-MAINT-REPAIR-CONCEPT	PIC X(01)	

05 239-PERCENT-APPLICATION	PIC X(02)	
05 239-NOTE-CODE	PIC X(01)	
05 239-ASSET-STATUS-FLAG	PIC X(01)	
05 239-TYPE-SPARES-CODE	PIC X(01)	A
05 239-QTY-PER-APPLICATION	PIC 9(05) USAGE IS COMP	
05 239-SUPPORTABILITY-CODE	PIC X(01)	
05 239-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 239-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 239-SYS-DESIG	PIC X(02)	
05 239-WITHDRAWAL-FLAG	PIC X(01)	
05 239-FILLER	PIC X(09)	
05 239-END-ITEM-IDENT-CODE	PIC X(03)	
05 239-MISSION-CAPABILITY-CODE	PIC X(01)	
05 239-AUTH-UNSUPPORTABLE-QTY	PIC 9(05) USAGE IS COMP	
05 239-DEPLOYED-QTY	PIC 9(05) USAGE IS COMP	
05 239-INCREMENT-CODE	PIC X(06)	
05 239-INVENTORY-FREEZE-CODE	PIC X(01)	
05 239-UNIT-TYPE-CODE	PIC X(06)	
05 239-LEAST-ACCEPTABLE-ITEM	PIC X(01)	
05 239-FILLER-2	PIC X(15)	
05 239-DEPLOYED-RID	PIC X(03)	
05 239-TOTAL-WARTIME-REQMT	PIC 9(05)	

**8.37. War Reserve Materiel/In-Place Readiness Spares Package (WRM/IRSP) Detail Record (240).**

8.37.1. Purpose. To record each item authorized or stocked for war reserve materiel/in-place readiness spares package. In addition, a substitute detail record is established under program control any time an item is issued as an interchangeable or substitute for the authorized stock

number. See AFMAN 23-122, Sec 2F, Readiness Spares Packages and Kits for load, change, and delete information.

8.37.1.1. Access. The WRM-IRSP-SPARES-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR RECORD. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.37.1.2. Size and Location. This fixed record length is 22 words and resides in the ITMDTL-GV area of the SBSS database.

8.37.2. Record Description. The description of the WRM-IRSP-SPARES record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.40. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 240-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 240-DOCUMENT-NBR		
10 240-ACTIVITY-CODE	PIC X(01)	
10 240-ORG-CODE	PIC X(03)	
10 240-SHOP-CODE	PIC X(02)	
10 240-DATE-SERIAL-NBR	PIC X(08)	
05 240-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 240-WORK-UNIT-CODE	PIC X(05)	
05 240-SRD	PIC X(03)	
05 240-LOCATION-CODE	PIC X(11)	
05 240-NOTE-CODE	PIC X(01)	
05 240-IRSP-TOTAL-WRM-REQMT	PIC 9(05) USAGE IS COMP	
05 240-QTY-PER-APPLICATION	PIC 9(05) USAGE IS COMP	
05 240-PERCENT-APPLICATION	PIC X(02)	
05 240-MAINT-REPAIR-CONCEPT	PIC X(01)	
05 240-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	

05 240-PRIME-SUB-FLAG	PIC X(01)	
05 240-AUTH-UNSUPPORTABLE-QTY	PIC 9(05) USAGE IS COMP	
05 240-INCREMENT-CODE	PIC X(06)	
05 240-ASSET-STATUS-FLAG	PIC X(01)	
05 240-DEPLOYED-QTY	PIC 9(05) USAGE IS COMP	
05 240-SUPPORTABILITY-CODE	PIC X(01)	
05 240-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 240-SYS-DESIG	PIC X(02)	
05 240-WITHDRAWAL-FLAG	PIC X(01)	
05 240-END-ITEM-IDENT-CODE	PIC X(03)	
05 240-MISSION-CAPABILITY-CODE	PIC X(01)	
05 240-TYPE-SPARES-CODE	PIC X(01)	B, D, or K
05 240-INVENTORY-FREEZE-CODE	PIC X(01)	
05 240-UNIT-TYPE-CODE	PIC X(06)	
05 240-LEAST-ACCEPTABLE-FLAG	PIC X(01)	
05 240-FILLER-1	PIC X(05)	
05 240-DEPLOYED-RID	PIC X(03)	

### **8.38. War Reserve Materiel/War Consumable Distribution Objective (WRM/WCDO) Spares Record (241).**

8.38.1. Purpose. To provide visibility and accountability for those items authorized as nonkitted spares. The record contains authorized quantity, on-hand quantity, location and other pertinent data for each item authorized in this category. See AFMAN 23-122, Sec 2F, Readiness Spares Packages and Kits for load, change, and delete information.

8.38.1.1. Access. The WRM-WCDO-SPARES detail record is a member of the ITEM-DTLS set, whose owner record is the ITEM-RECORD record, and the DOCN-DTLS set, whose owner record is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.38.1.2. Size and Location. This fixed record length is 18 words and resides in the ITMDTL-GV area of the SBSS database.

8.38.2. Record Description. The description of the WRM-WCDO-SPARES record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.41. Record Description.**

<b>FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/REMARKS</b>
05 241-QTY-ON-HAND	PIC 9(05) USAGE IS COMP	
05 241-DOCUMENT-NBR		
10 241-ACTIVITY-CODE	PIC X(01)	
10 241-ORG-CODE	PIC X(03)	
10 241-SHOP-CODE	PIC X(02)	
10 241-DATE-SERIAL-NBR	PIC X(08)	
05 241-FILLER-TEXT	PIC X(01)	
05 241-AUTH-QTY	PIC 9(05) USAGE IS COMP	
05 241-AUTH-NBR-PLND-OPR-BASE	PIC X(04)	
05 241-REPORTING-MAJCOM-CODE	PIC X(02)	
05 241-LOCATION-CODE	PIC X(11)	
05 241-TYPE-SRAN	PIC X(01)	
05 241-ALTERNATE-STORAGE-LOCATION	PIC X(04)	
05 241-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 241-TYPE-AUTH	PIC X(01)	
05 241-PRIME-SUB-FLAG	PIC X(01)	
05 241-SUPPORTABILITY-CODE	PIC X(01)	
05 241-AUTH-UNSUPPORTABLE-QTY	PIC 9(05) USAGE IS COMP	
05 241-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 241-SYS-DESIG	PIC X(02)	
05 241-ITEM-IDENTITY-CODE	PIC X(04)	
05 241-TYPE-SPARES-CODE	PIC X(01)	W
05 241-UNIT-TYPE-CODE	PIC X(06)	
05 241-LEAST-ACCEPTABLE-ITEM	PIC X(01)	



05 241-FILLER-1	PIC X(04)	
05 241-DEPLOYED-RID	PIC X(03)	

**8.39. Serialized-Control-Detail (249).**

8.39.1. Purpose. To provide visibility and accountability of weapons and COMSEC items that are either inbound or accounted for in the SBSS account. The detail will contain the unique serial number of the inbound or asset on-hand. AFMAN 23-122, Sec 10B, Management of Controlled Materiel contains procedures for processing serialized-control assets.

8.39.1.1. Access. The SERIALIZED-CONTROL-DETAIL record is a member of the ITEM-DTLS set, whose owner record is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.39.1.2. Size and Location. The fixed record length is 22 words and resides in the ITMDTL-GV area of the SBSS database.

8.39.2. Record Description. The description of the SERIALIZED-CONTROL-DETAIL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 8.42. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 249-SERIAL-NUMBER	PIC X(32)	
05 249-STOCK-NUMBER	PIC X(15)	
05 249-SYS-DESIG	PIC X(02)	
05 249-DOCUMENT-NBR		
10 249-ACTIVITY-CODE	PIC X(01)	
10 249-ORG-CODE	PIC X(03)	
10 249-SHOP-CODE	PIC X(02)	
10 249-DATE-SERIAL-NBR	PIC X(08)	
05 249-TRANSACTION-CODE	PIC X(01)	
05 249-SERIALIZED-REPORT-CODE	PIC X(01)	Note 1
05 249-TYPE-WEAPON-CODE	PIC X(01)	
05 249-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 249-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 249-PURCHASED-DATE	PIC 9(07) USAGE IS COMP	

05 249-PURCHASED-PRICE	PIC 9(10) USAGE IS COMP	
05 249-PURCHASED-BUDGET-CODE	PIC X(01)	
05 249-RECEIPT-CODE	PIC X(01)	Note 2
05 249-ACTION-CODE	PIC X(01)	
05 249-SUFFIX-CODE	PIC X(01)	
05 249-FILLER-2	PIC X(10)	

**Notes:**

1. “A” for small arms and “C” for COMSEC items.
2. An “R” in this field indicates the asset is on-hand and accounted for in the materiel management account. When this field is blank, the serialized-control asset is due-in to the materiel management account and was shipped from the source of supply using the MILSTRIP number shown in the document number field.

**8.40. In-Use-Serialized-Control Detail (250).**

8.40.1. Purpose. To provide visibility and accountability of weapons and COMSEC items accounted for on in-use, supply point, SPRAM, WRM, MSK, or RSP details. An IN-USE-SERIALIZED-CONTROL record is built for each weapon or COMSEC asset. AFMAN 23-122, Sec 10B, Management of Controlled Materiel contains procedures for processing serialized-control assets.

8.40.1.1. Access. The IN-USE-SERIALIZED-CONTROL record is a member of the ITEM-DTLS set, whose owner record is the DOCUMENT-NBR record. The primary path is through the ITEM-DTLS set with an alternate path through the DOCN-DTLS set.

8.40.1.2. Size and Location. The fixed record length is 22 words and resides in the ITMDTL-GV area of the SBSS database.

8.40.2. Record Description. The description of the IN-USE-SERIALIZED-CONTROL detail record as it appears in the schema, subschema, and DML/COBOL programs is as follows.

**Table 8.43. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 250-SERIAL-NUMBER	PIC X(32)	
05 250-STOCK-NUMBER	PIC X(15)	
05 250-SYS-DESIG	PIC X(02)	
05 250-DOCUMENT-NBR		
10 250-ACTIVITY-CODE	PIC X(01)	
10 250-ORG-CODE	PIC X(03)	

10 250-SHOP-CODE	PIC X(02)	
10 250-DATE-SERIAL-NBR	PIC X(08)	
05 250-TRANSACTION-CODE	PIC X(01)	
05 250-SERIALIZED-REPORT-CODE	PIC X(01)	Note
05 250-TYPE-WEAPON-CODE	PIC X(01)	
05 250-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 250-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	
05 250-PURCHASED-DATE	PIC 9(07) USAGE IS COMP	
05 250-PURCHASED-PRICE	PIC 9(10) USAGE IS COMP	
05 250-PURCHASED-BUDGET-CODE	PIC X(01)	
05 250-DEPLOYED-RID	PIC X(03)	
05 250-ACTION-CODE	PIC X(01)	
05 250-FILLER-2	PIC X(08)	
<b>Note:</b> “A” for small arms and “C” for COMSEC items.		

## Chapter 9

### ACCOUNTING AND FINANCE RECORDS

**9.1. Overview.** This chapter describes and contains the formats for the Accounting and Finance records used in the computer. **Note:** 1. The database records are required. They may not be altered except as permitted under program control with an authorized input. The techniques used to locate all SBSS database records are contained in AFH 23-123, Vol 1, Ch 2. 2. The term Defense Business Operations Fund (DBOF) is now the Defense Working Capital Fund (DWCF). However, in this chapter wherever DBOF is used in a systems output, the older term is used to reflect the actual output. The term will be updated upon system programmatic updates.

#### 9.2. GLA Codes Record (302).

9.2.1. Purpose. To provide an entry point to Accounting and Finance general ledger accumulator (GLA) records.

9.2.1.1. Access. The GLA-CODES record is accessed through the DMSCALC routine. The two parameters that must be initialized before accessing this record are as follows:

9.2.1.1.1. 302-GLA-CODE.

9.2.1.1.2. GLA-AREA-NAME. **Note:** The GLA-CODES record is the owner record of the following sets:

**Table 9.1. GLA-CODES.**

SET NAME	MEMBER RECORD
GLA-MGL	A-F-GEN-LEDGER-MGL
GLA-ZGL	A-F-GEN-LEDGER-ZGL
GLA-ZOO	A-F-GEN-LEDGER-ZOO
GLA-ACC	A-F-GEN-LEDGER-ACM A-F-GEN-LEDGER-ZBL A-F-GEN-LEDGER-ZTR

9.2.1.2. Size and Location. This fixed record length is two words and resides in the GLA-AREA area of the SBSS database.

9.2.2. Record Description. The description of the GLA-CODES record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.2. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 302-GLA-CODE	PIC X(05)	

#### 9.3. A&F General Ledger Accumulator (MGL) Record (303).

9.3.1. Purpose. To provide the media for the accumulation of non-Supply Management Activity Group (SMAG) inventory transactions by the FIA code within the general ledger subsidiary account (GLSA).

9.3.1.1. Access. The A-F-GEN-LEDGER-MGL record participates as a member in the GLA-MGL set, whose owner is the GLA-CODES record. This record must be accessed through the GLA-MGL set.

9.3.1.2. Size and Location. This fixed record length is seven words and resides in the GLA-AREA area of the SBSS database.

9.3.2. Record Description. The description of the A-F-GEN-LEDGER-MGL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.3. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 303-FIA-TRANS	PIC 9(03)	
05 303-EXTENDED-PRICE	OCCURS 2 TIMES	
10 303-PRICE-ACCUMULATOR		
15 303-PRICE-ACCUM	PIC S9(08) V99 USAGE IS COMP	
15 303-PRICE-FILLER	PIC X(06)	
05 303-STOCK-FUND-FLAG	PIC X(03)	Literal 'NSF'

#### **9.4. A&F General Ledger Accumulator (ZBL) Record (304).**

9.4.1. Purpose. To provide the media for the accumulation of SMAG disbursement and refund transactions by the GLSA. These transactions are classified according to Air Force SMAG divisions for each system designator.

9.4.1.1. Access. The A-F-GEN-LEDGER-ZBL record participates, along with the A-F-GEN-LEDGER-ZTR record and the A-F-GEN-LEDGER-ACM record, in the GLA-ACCUM set. This record is accessed through the GLA-ACCUM set.

9.4.1.2. Size and Location. This fixed record length is 11 words and resides in the GLA-AREA area of the SBSS database.

9.4.2. Record Description. The description of the A-F-GEN-LEDGER-ZBL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.4. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 304-BUDGET-CODE	PIC X(01)	
05 304-DATE-OF-LAST-UPDATE	PIC 9(07)	

	USAGE IS COMP	
05 304-ACCUMULATOR-GROUP	OCCURS 10 TIMES	Note 1
10 304-SD-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	

**Note:**

1. The 10 occurrences of the 304-ACCUMULATOR-GROUP field are as follows:

- a. (1) System Designator 01
- b. (2) Accumulator A1
- c. (3) Accumulator A2
- d. (4) Accumulator A3
- e. (5) Accumulator A4
- f. (6) Accumulator A5
- g. (7) Accumulator A6
- h. (8) Accumulator A7
- i. (9) Accumulator A8
- j. (10) Accumulator A9

**9.5. A&F General Ledger Accumulator (ZGL) Record (305).**

9.5.1. Purpose. To provide the media for the accumulation of SMAG inventory transactions by the FIA code and by the GLSA. These transactions are classified according to Air Force SMAG divisions for each system designator.

9.5.1.1. Access. The A-F-GEN-LEDGER-ZGL record participates as a member in the GLA-ZGL set, whose owner is the GLA-CODES record. This record must be accessed through the GLA-ZGL set.

9.5.1.2. Size and Location. This fixed record length is 13 words and resides in the GLA-AREA area of the SBSS database.

9.5.2. Record Description. The description of the A-F-GEN-LEDGER-ZGL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.5. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 305-FIA-TRANS	PIC 9(05) USAGE IS COMP	
05 305-980-IMR-SETTING	PIC X(02)	
05 305-BUDGET-CODE-FLAGS	PIC X(06)	Literal 'SF BC-'

05 305-BUDGET-CODE	PIC X(01)	
05 305-ACCUMULATOR-GROUP	OCCURS 10 TIMES	Note 1
10 305-SD-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	

**Note:**

1. The 10 occurrences of the 305-ACCUMULATOR-GROUP field are as follows:

- a. (1) System Designator 01
- b. (2) Accumulator A1
- c. (3) Accumulator A2
- d. (4) Accumulator A3
- e. (5) Accumulator A4
- f. (6) Accumulator A5
- g. (7) Accumulator A6
- h. (8) Accumulator A7
- i. (9) Accumulator A8
- j. (10) Accumulator A9

**9.6. A&F General Ledger Accumulator (ZOO) Record (306).**

9.6.1. Purpose. To accumulate obligated and unobligated monetary values from the organization code center records by sales code for each Trial Balance within each of three SMAG divisions (such as, clothing, general support, and materiel support).

9.6.1.1. Records. Two records exist for each Trial Balance. One record (GLA 910) contains obligated due-outs, and the other record (GLA 911) contains unobligated due-outs. A total of 20 records exists for each SMAG division. The first record of each area is a master control record containing up to 50 different sales codes. Each sales code contained in this record has a corresponding binary accumulator in the basic GLA record.

9.6.1.2. Program Functions. Program NGV994/M29 performs three functions: (1) it stores each master sales code on the control record; (2) it accumulates the total due-out dollar values for that sales code by Trial Balance and SMAG division; and (3) it stores this aggregate sum on the appropriate basic accumulator record field.

9.6.1.3. Access. The A-F-GEN-LEDGER-ZOO record participates as a member in the GLA-OO set, whose owner is the GLA-CODES record. This record must be accessed through the GLA-ZOO set.

9.6.1.4. Size and Location. This fixed record length is 177 words and resides in the GLA-GV area of the SBSS database.

9.6.2. Record Description. The description of the A-F-GEN-LEDGER-ZOO record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.6. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 306-FUND-CODE	PIC X(02)	
05 306-RCS-HAF-ACF-M-7119	PIC X(04)	Note 2
05 306-SALES-CODE-GROUP	OCCURS 100 TIMES	Note 1
10 306-SALES-CODE	PIC X(03)	
10 306-SALES-CODE-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
<b>Note:</b> 1. The 100 occurrences of the 306-SALES-CODE-GROUP field are the sales code accumulators #1 through #25 for each record. 2. This field is no longer used.		

**9.7. A&F General Ledger Accumulator (ZTR) Record (307).**

9.7.1. Purpose. To provide the media for the accumulation of an order in transit, accounts payable, claims receivable, and claims payable monetary values.

9.7.1.1. Access. The A-F-GEN-LEDGER-ZTR record participates, along with the A-F-GEN-LEDGER-ZBL and A-F-GEN-LEDGER-ACM records, in the GLA-ACC set, whose owner is the GLA-CODES record. This record is accessed through the GLA-ACC set.

9.7.1.2. Size and Location. This fixed record length is 21 words and resides in the GLA-GV area of the SBSS database.

9.7.2. Record Description. The description of the A-F-GEN-LEDGER-ZTR record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.7. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 307-ZTR-ACCUMULATORS		
10 307-BUDGET-CODE	PIC X(01)	
10 307-ACCUMULATOR-GROUP-C	OCCURS 10 TIMES	Note 1
15 307-SD-ACCUMULATOR-C	PIC S9(08) V99 USAGE IS COMP	
10 307-ACCUMULATOR-GROUP-P	OCCURS 10 TIMES	Note 2
15 307-SD-ACCUMULATOR-P	PIC S9(08) V99 USAGE IS COMP	
<b>Note:</b>		



1. The 10 occurrences of the 307-ACCUMULATOR-GROUP-C field are as follows:
  - a. (1) System Designator 01
  - b. (2) Accumulator A1
  - c. (3) Accumulator A2
  - d. (4) Accumulator A3
  - e. (5) Accumulator A4
  - f. (6) Accumulator A5
  - g. (7) Accumulator A6
  - h. (8) Accumulator A7
  - i. (9) Accumulator A8
  - j. (10) Accumulator A9
2. The 10 occurrences of the 307-ACCUMULATOR-GROUP-P field are as follows:
  - a. (1) System Designator 01
  - b. (2) Accumulator A1
  - c. (3) Accumulator A2
  - d. (4) Accumulator A3
  - e. (5) Accumulator A4
  - f. (6) Accumulator A5
  - g. (7) Accumulator A6
  - h. (8) Accumulator A7
  - i. (9) Accumulator A8
  - j. (10) Accumulator A9

## **9.8. A&F General Ledger/Accounts Receivable (ZCC) Record (308).**

9.8.1. Purpose. To accumulate the values of into-plane or flying fuels and defuels according to customer identification code (CIC). Each system designator has three records. The accumulators are six binary characters, but become 10 decimal characters when converted. Program NGV993/D27 updates the accumulators daily. Program NGV995/M05 reads these records to create accounts receivable data (S records). Program NGV988/M23 reads the billing control flags for mechanized bill preparation.

9.8.1.1. Access. This record participates as a member of the SD-ZCC set, whose owner is the SYSTEM-DESIGNATOR record. The record is accessed through the SD-ZCC set.

9.8.1.2. Size and Location. This fixed record length is 159 words and resides in SYSDS-GV area of the SBSS database.

9.8.2. Record Description. The description of the A-F-GEN-LEDGER-ZCC record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.8. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 308-AFI-1-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-AFI-1-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-AFI-1-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-SYS-1-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-SYS-1-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-SYS-1-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-MAC-1-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-MAC-1-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-MAC-1-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-ANG-1-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-ANG-1-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-ANG-1-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-AFR-1-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-AFR-1-TURN-IN	PIC S9(08) V99	

	USAGE IS COMP	
05 308-AFR-1-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-AER-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-AER-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-AER-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-COM-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-COM-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-COM-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-FCO-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-FCO-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-FCO-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-FMS-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-FMS-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-FMS-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-FRG-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-FRG-TURN-IN	PIC S9(08) V99 USAGE IS COMP	

05 308-FRG-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-NAS-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-NAS-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-NAS-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-OUS-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-OUS-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-OUS-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-RCF-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-RCF-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-RCF-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-SAP-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-SAP-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-SAP-A-R-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-ASD-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-ASD-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-ASD-INTERFUND-CONTROL	PIC S9(08) V99	

	USAGE IS COMP	
05 308-USA-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-USA-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-USA-INTERFUND-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-USM-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-USM-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-USM-INTERFUND-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-USN-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-USN-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-USN-INTERFUND-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-LAR-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-LAR-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-LAR-INTERFUND-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-NTR-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-NTR-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-NTR-INTERFUND-CONTROL	PIC S9(08) V99 USAGE IS COMP	

05 308-AFI-2-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-AFI-2-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-AFI-2-A-P-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-SYS-2-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-SYS-2-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-SYS-2-A-P-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-MAC-2-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-MAC-2-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-ANG-2-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-ANG-2-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-ANG-2-A-P-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-AFR-2-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-AFR-2-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-AFR-2-A-P-TRANSFER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-OTHER-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-OTHER-TURN-IN	PIC S9(08) V99	

	USAGE IS COMP	
05 308-OTHER-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-IKE-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-IKE-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-IKE-INTERFUND-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-SOF-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-SOF-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-SOF-INTERFUND-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-AMC-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-AMC-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-AMC-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-AFR-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-AFR-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-AFR-INTERFUND-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-CPA-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-CPA-TURN-IN	PIC S9(08) V99 USAGE IS COMP	

05 308-CPA-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-CPB-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-CPB-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-CPB-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-CPC-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-CPC-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-CPC-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-CPD-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-CPD-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-CPD-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-CPE-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-CPE-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-CPE-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-CPF-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-CPF-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-CPF-CONTROL	PIC S9(08) V99	



	USAGE IS COMP	
05 308-CPG-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-CPG-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-CPG-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-CPH-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 308-CPH-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 308-CPH-CONTROL	PIC S9(08) V99 USAGE IS COMP	
05 308-FILLER-1	PIC X(180)	

### 9.9. A&F Sequence Control Record (309).

9.9.1. Purpose. To control the run sequence of Accounting and Finance daily and monthly report programs. This record is also a storage area for the reconciliation of the NGV980/D07 and NGV982/D12 outputs and the monthly record counts of the daily record output by program NGV982/D12.

9.9.1.1. Access. Only one of these records appears in the SBSS database. It is accessed in a direct mode. The two parameters that must be initialized before accessing this record are as follows:

9.9.1.1.1. A-F-SEQ-CNTL-KEY.

9.9.1.1.2. MATAACC-AREA-NAME. **Note:** The A-F-SEQ-ENTL-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-309). It consists of the following:

9.9.1.1.2.1. PAGE-NUM (01)

9.9.1.1.2.2. RECORD-NUM (01)

9.9.1.2. Size and Location. This fixed record length is 11 words and resides in the MATAACC-GV area of the SBSS database.

9.9.2. Record Description. The description of the A-F-SEQUENCE-CONTROL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.9. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
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05 309-980-D07-DATE	PIC 9(07) USAGE IS COMP	
05 309-969-D11-DATE	PIC 9(07) USAGE IS COMP	
05 309-982-D12-DATE	PIC 9(07) USAGE IS COMP	
05 309-992-D01-DATE	PIC 9(07) USAGE IS COMP	Note
05 309-981-D10-DATE	PIC 9(07) USAGE IS COMP	
05 309-993-D27-DATE	PIC 9(07) USAGE IS COMP	Note
05 309-973-M33-DATE	PIC 9(07) USAGE IS COMP	
05 309-983-D31-DATE	PIC 9(07) USAGE IS COMP	
05 309-992-M17-DATE	PIC 9(07) USAGE IS COMP	Note
05 309-972-M01-DATE	PIC 9(07) USAGE IS COMP	
05 309-977-M36-DATE	PIC 9(07) USAGE IS COMP	
05 309-977-M03-DATE	PIC 9(07) USAGE IS COMP	
05 309-970-M05-DATE	PIC 9(07) USAGE IS COMP	
05 309-994-M29-DATE	PIC 9(07) USAGE IS COMP	
05 309-982-M12-DATE	PIC 9(07) USAGE IS COMP	
05 309-FILLER-1	PIC 9(05)	

	USAGE IS COMP	
05 309-FILLER-2	PIC 9(05) USAGE IS COMP	
05 309-FILLER-3	PIC 9(05) USAGE IS COMP	
05 309-980-969-982-SENTINEL-ADDR	PIC X(04)	
05 309-980-969-SENTINEL	PIC 9(03)	
<b>Note:</b> The fields for the D01, D27, and M17 will no longer be updated.		

### 9.10. A&F Variable Data Record (310).

9.10.1. Purpose. To provide the set of constants that is used in the Accounting and Finance programs. The use of constants eliminates the need for entering data into each input. Other fields in the constants are used for printing indicative data on output reports or for producing outputs. This record is loaded or changed by NGV068A Base Constants Update. See Ch 6 for an explanation of loading the base constants.

9.10.1.1. Access. Only one of these records appears in the SBSS database. It is accessed in a direct mode. The two parameters that must be initialized before accessing this record are as follows:

9.10.1.1.1. A-F-VARIABLE-DATA-KEY.

9.10.1.1.2. SUPRT-AREA-NAME. **Note:** The A-F-VARIABLE-DATA-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-310). It consists of the following:

9.10.1.1.2.1. PAGE-NUM (01)

9.10.1.1.2.2. RECORD-NUM (38)

9.10.1.2. Size and Location. This fixed record length is 43 words and resides in the SUPRT-GV area of the SBSS database.

9.10.2. Record Description. The description of the A-F-VARIABLE-DATA record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.10. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 310-FY-CURRENT	PIC 9(04)	Note 1
05 310-FK1-2-OPTION	PIC X(01)	Note 2
05 310-HOST-BASE-DATA		
10 310-SYS-DESIG-HOST	PIC X(02)	Note 3
10 310-SRAN-HOST	PIC 9(05)	Note 3

	USAGE IS COMP	
10 310-MAJCOM-CODE-HOST	PIC X(02)	Note 4
10 310-ACCT-DISB-STATION-NBR	PIC 9(07) USAGE IS COMP	Note 5
10 310-GSA-DEPOT-MAINT-FLAG-HOST	PIC 9(01)	Note 6
10 310-S-I-FLG-HOST	PIC X(01)	
05 310-SAT-DATA	OCCURS 9 TIMES	Note 7
10 310-SYS-DESIG-SAT	PIC X(02)	Notes 3, 8
10 310-SUPPLY-SRAN	PIC 9(05) USAGE IS COMP	Notes 8, 9, 10
10 310-MAJCOM-CODE-SAT	PIC X(02)	Notes 4, 8
10 310-BEAMS-VIMS-OUTPUT-FLAG	PIC 9(01)	Notes 8, 11
10 310-FUELS-MCS-OUTPUT-FLAG	PIC 9(01)	Notes 8, 12
10 310-GEN-FUNDS-LEDGER-FLAG	PIC X(01)	Notes 8, 13
10 310-B-E-ACCT-AUTONOMOUS-FLAG	PIC X(01)	Notes 8, 10
10 310-FUELS-ACCT-AUTONOMOUS-FLAG	PIC X(01)	Notes 8, 10
10 310-GSA-DEPOT-MAINT-FLG-SAT	PIC 9(01)	Notes 6, 8
10 310-S-I-FLG-SAT	PIC X(01)	Note 14
05 310-SF1080-MIN-DOLLAR	PIC 9(06) V99 USAGE IS COMP	
05 310-FILLER-1	PIC X(10)	
05 310-EXPENSE-MIN-DOLLAR	PIC S9(10) V99 USAGE IS COMP	
05 310-DBOF-MIN-DOLLAR	PIC S9(10) V99 USAGE IS COMP	
05 310-Q06-AF-MIN-DOLLAR	PIC S9(10) V99 USAGE IS COMP	Note 15
05 310-Q06-DBOF-MIN-DOLLAR	PIC S9(10) V99 USAGE IS COMP	Note 15
05 310-OTHER-MIN-DOLLAR	PIC S9(10) V99	

	USAGE IS COMP	
05 310-FILLER-1	PIC X(10)	
<b>Note:</b>  1. The 310-FY-CURRENT field is used to determine the current fiscal year. It is increased by one during end-of-fiscal-year (EOFY) processing by program NGV946.  2. This field contains the constant N.  3. Load each system designator (SD) maintained in the SBSS database.  4. These data are used by programs NGV976 and NGV983 for the production of outputs M18 and 1CS. Load the parent command code applicable to the host or satellite.  5. This Accounting and Finance disbursing station number (ADSN) is entered in all Z (MGL) outputs, regardless of the system designator. In this area, load the ADSN of the Accounting and Finance Office (AFO) responsible for monitoring and controlling the financial transactions processed on the U2200/400 (SBSS/GV).  6. The following information applies:  a. This field has two purposes:  (1) It indicates to program NGV972/M01 if the General Services Administration (GSA) surcharge is applicable to this system designator.  (2) It indicates to programs NGV980 and NGV976 if this system designator is a depot maintenance service location. At depot maintenance locations, the materiel category/source of supply code (MC/SS) O is updated instead of MC/SS Z for transactions containing item record RIC JBD, JBT, or JBI.  b. Load this field as follows:  (1) Does the GSA surcharge apply? (See DFAS-DE 7077.10-M)		

b. For the 310-FUELS-ACT-AUTONOMOUS-FLAG field, load Y if the satellite operating the P account is autonomous. Load N if the satellite is nonautonomous. CAUTION: The 310-B-E-ACCT-AUTONOMOUS-FLAG and 310-FUELS-ACCT-AUTONOMOUS-FLAG fields must contain either a Y or N. Therefore, load N if a B, E, or P account is not supported by the satellite.

11. The following information applies:

a. This field has two purposes. It indicates to programs NGV981/D10 and NGV985/D32 whether output from the U2200/400 is required at the satellite location.

b. Load the field as follows:

	(1) Is D10 output for this satellite required over the output from S1100/2200-60?	Y N N
Y		
	(2) Is D22 output for this satellite required over the output from S1100/2200-60?	Y N Y
N		
	(3) Then load the code.	0 1 2 3

12. The following information applies:

a. This field has two purposes. It indicates to programs NGV989/D27 and NGV983/D31 whether output from the U2200/400 is required at the satellite location.

b. Load the field as follows:

(1) Is D27 output for this satellite required over the output from U2200/400?	Y N N Y
(2) Is D31 output for this satellite required over the output from U2200/400?	Y N Y N
(3) Then load the code.	0 1 2 3

13. If the AVFUEL validation table list (M33) is to be generated for the satellite, enter Y. If the list is not required, enter N.

14. This field indicates to program NGV949/D32 whether output from the U2200/400 is required at the autonomous satellite location. If the output is required, then load code 11-5-8 punch (I).

15. Field is no longer used since the deletion of the Q06 report.

## 9.11. Project Funds Management Record (311).

9.11.1. Purpose. To control and/or monitor Air Force Operations and Maintenance and other customer funds identified for purchasing materiel from the various divisions of the Air Force SMAG. The monetary fields in this record are cumulative for the fiscal year, except for issues and turn-ins from the current period. These records are updated by Accounting and Finance inline and end-of-day programs. (See DFAS-DE 7077.10-M for the systems concept.)

9.11.1.1. Access. The PROJECT-FUNDS-MGMT record is not an owner or member record in any set. It is accessed by a DMS-1100 randomization routine, DMSCALC. The two parameters that must be initialized before accessing this record are as follows:

9.11.1.2. Size and Location. This fixed record length is 1386 words and resides in the PFMR-GV area of the SBSS database.

9.11.2. Record Description. The description of the PROJECT-FUNDS-MGMT record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.11. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 311-PFMR-CODE	PIC 9(03)	
05 311-FUND-CODE	PIC X(02)	
05 311-FUND-DOC	PIC X(08)	
05 311-FY-CURRENT	PIC 9(04)	
05 311-OBAN-OAC-ASN	PIC X(04)	
05 311-BPAC	PIC X(06)	
05 311-DETAIL-OUTPUT-FLAG	PIC X(01)	
05 311-SALES-CODE	PIC X(02)	
05 311-DEBTOR-CODE	PIC X(03)	
05 311-ADSN	PIC X(06)	
05 311-SF1080-CONTROLLER-CODE	PIC X(01)	
05 311-SYS-DESIG	PIC X(02)	
05 311-RESPONSIBILITY-CENTER	PIC X(16)	
05 311-TARGET-SUPPLIES	PIC S9(08) V99 USAGE IS COMP	
05 311-TARGET-EQUIP	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-CFY-OBLIG-DUO-SUPPLY	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-CFY-ISSUE-SUPPLY	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-CFY-TRNIN-SUPPLY	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-CFY-OBLIG-DUO-EQUIP	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-CFY-ISSUE-EQUIP	PIC S9(08) V99 USAGE IS COMP	

05 311-CUMLTV-CFY-TRNIN-EQUIP	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-PFY-OBL-DUO-SUPPLY	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-PFY-ISSUE-SUPPLY	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-PFY-OBLIG-DUO-EQUIP	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-PFY-ISSUE-EQUIP	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-UNOBLIG-DUO-SUPPLY	PIC S9(08) V99 USAGE IS COMP	
05 311-CUMLTV-UNOBLIG-DUO-EQUIP	PIC S9(08) V99 USAGE IS COMP	
05 311-PRIOR-DAY-BALANCE-SUPPLY	PIC S9(08) V99 USAGE IS COMP	
05 311-PRIOR-DAY-BALANCE-EQUIP	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-ISSUE-GSD-EEIC600	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-TRNIN-GSD-EEIC600	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-ISSUE-GSD-EEIC602	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-TRNIN-GSD-EEIC602	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-ISSUE-SSD-EEIC605	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-TRNIN-SSD-EEIC605	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-ISSUE-6X3	PIC S9(08) V99	



	USAGE IS COMP	
05 311-CP-CFY-TURN-IN-6X3	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-ISSUE-6X4	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-TRNIN-6X4	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-ISSUE-GSD-EEIC609	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-TRNIN-GSD-EEIC609	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-ISSUE-GSD-EEIC628	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-TRNIN-GSD-EEIC628	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-ISSUE-FUEL-EEIC693	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-TRNIN-FUEL-EEIC693	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-ISSUE-FUEL-EEIC641	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-TRNIN-FUEL-EEIC641	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-ISSUE-FUEL-EEIC642	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-CFY-TRNIN-FUEL-EEIC642	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-PFY-ISSUE-GSD-EEIC600	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-PFY-ISSUE-GSD-EEIC602	PIC S9(08) V99 USAGE IS COMP	

05 311-CP-PFY-ISSUE-SSD-EEIC605	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-PFY-ISSUE-6X3	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-PFY-ISSUE-6X4	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-PFY-ISSUE-GSD-EEIC609	PIC S9(08) V99 USAGE IS COMP	
05 311-CP-PFY-ISSUE-GSD-EEIC628	PIC S9(08) V99 USAGE IS COMP	
05 311-DATE-OF-LAST-UPDATE	PIC 9(07) USAGE IS COMP	

## 9.12. Stock Fund Inventory Management Record (SFIMR) (312).

9.12.1. Purpose. To provide the storage media for the accumulation of financial inventory transaction data affecting all divisions of the Air Force SMAG. A separate STOCK-FUND-INV-MGMT record is established for each materiel category and/or source of supply code within each budget code (1, 4, 6, 8, or 9) for each system designator (01, A1 through A9). The data accumulated in this record are used for preparation of the operating program.

9.12.1.1. End-of-Day Processing. As a part of the Accounting and Finance end-of-day processing, the monetary fields are updated according to information stored in the transaction history records. The U2200/400 program, which prints the Stock Fund Inventory Management Report (M18), performs an Inventory Management Record (IMR) total and update function to assure that the IMR inventory-end-of-period monetary field agrees with the computed price-out of related item records, WAR-RESERVE-MATL-SPARES-DETAIL and SUPPLY-POINT-DETAIL records, and DIFM detail records with activity code C. **Note:** Should an out-of-balance condition exist, the M18 program adjusts the INVENTORY-END-OF-PERIOD field to agree with the price-out of related support records.

9.12.1.2. End-of-Year Processing. As part of the end-of-fiscal-year processing, all monetary fields are zeroed out, except for the INVENTORY-END-OF-PERIOD field. Each record is self-balancing; that is, the mathematical accuracy is calculated each time the M18 program is run. **Note:** Should an out-of-balance condition occur, the M18 program adjusts the IMR price and accounting correction monetary field to bring the IMR into balance. Any increase or decrease adjustments are printed on the stock fund IMR list.

9.12.1.3. Access. The primary access path for the STOCK-FUND-INV-MGMT record is through the DMS-1100 randomization routine, DMSCALC. The two parameters that must be initialized before accessing the record are as follows:

9.12.1.3.1. 312-CALC-KEY.

## 9.12.1.3.2. STKFD-AREA-NAME.

9.12.1.3.2.1. The secondary path for accessing this record is through the SD-SFIMR set, whose owner is the SYSTEM-DESIGNATOR record.

9.12.1.4. Size and Location. This fixed record length is 35 words and resides in the STKFD-AREA area of the SBSS database.

9.12.2. Record Description. The description of the STOCK-FUND-INV-MGMT record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.12. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 312-CALC-KEY	PIC X(04)	
05 312-BUDGET-CODE	PIC X(01)	
05 312-MATERIEL-CATEGORY-SOURCE	PIC X(01)	Note 1
05 312-SYS-DESIG	PIC X(02)	
05 312-ON-ORDER-COMPUTE-DATE	PIC 9(07) USAGE IS COMP	
05 312-ON-ORDER-FROM-PROCUREMENT	PIC S9(08) V99 USAGE IS COMP	Note 2
05 312-INTRA-ACCOUNT-TRANSFERS	PIC S9(08) V99 USAGE IS COMP	Notes 3, 4
05 312-INVENTORY-END-OF-PERIOD		
10 312-ITEM-RECORDS-END-OF-PERIOD	PIC S9(08) V99 USAGE IS COMP	
10 312-W-CONTRACTOR-END-OF-PERIOD	PIC S9(08) V99 USAGE IS COMP	
10 312-TEMP-IN-USE	PIC S9(08) V99 USAGE IS COMP	
05 312-ISSUES-SALES	PIC S9(08) V99 USAGE IS COMP	
05 312-TRANSFERS-TO-CAP-ACCOUNTS	PIC S9(08) V99 USAGE IS COMP	
05 312-STOCKS-CAPITALIZED	PIC S9(08) V99 USAGE IS COMP	

05 312-STOCKS-DECAPITALIZED	PIC S9(08) V99 USAGE IS COMP	
05 312-REC-MATERIEL-RETURN-W-O-CR	PIC S9(08) V99 USAGE IS COMP	
05 312-REC-MATERIEL-W-O-CHARGE	PIC S9(08) V99 USAGE IS COMP	
05 312-TRANSFERS-TO-DISPOSAL	PIC S9(08) V99 USAGE IS COMP	Note 4
05 312-RETURNS-FOR-CREDIT	PIC S9(08) V99 USAGE IS COMP	
05 312-CR-ALLOWED-ON-RETURNS	PIC S9(08) V99 USAGE IS COMP	
05 312-ISSUES-WITHOUT-CHARGE	PIC S9(08) V99 USAGE IS COMP	
05 312-RETURNS-WITHOUT-CREDIT	PIC S9(08) V99 USAGE IS COMP	
05 312-STANDARD-PRICE-CHANGES	PIC S9(08) V99 USAGE IS COMP	Note 4
05 312-PHYSICAL-INV-ADJUSTMENT	PIC S9(08) V99 USAGE IS COMP	Note 4
05 312-ACCOUNTING-ADJUSTMENTS	PIC S9(08) V99 USAGE IS COMP	Note 4
05 312-DISCREPANCIES-IN-SHIPMENT	PIC S9(08) V99 USAGE IS COMP	Note 4
05 312-TEMP-HANDLING-VARIANCE	PIC S9(08) V99 USAGE IS COMP	Note 4
05 312-OTHER-ADJUSTMENTS	PIC S9(08) V99 USAGE IS COMP	Note 4
05 312-ADJUSTMENT-FLAG	PIC X(01)	
05 312-LP-REQN-NOT-OBLIGATED	PIC S9(08) V99 USAGE IS COMP	

05 312-INV-BEGINNING-OF-PERIOD		
10 312-ITEM-RECORDS-BEGIN-PERIOD	PIC S9(08) V99 USAGE IS COMP	Note 5
10 312-WITH-CONTRACTORS	PIC S9(08) V99 USAGE IS COMP	Note 5
10 312-TEMPORARILY-IN-USE	PIC S9(08) V99 USAGE IS COMP	Note 5
05 312-RECEIPTS-FROM-PROCUREMENT	PIC S9(08) V99 USAGE IS COMP	
05 312-RECEIPTS-CAPITALIZED-ACCT	PIC S9(08) V99 USAGE IS COMP	
05 312-BEGINNING-ON-ORDER	PIC S9(08) V99 USAGE IS COMP	Note 6
05 312-TEMPORARY-ACCUMULATOR	PIC S9(12) USAGE IS COMP	

**Note:**

1. For a NATO IMR, this field contains the budget line code.
2. This monetary field is updated when the stock fund inventory management report, using options C or D, is produced by summarizing applicable due-in detail records.
3. This monetary line reflects the value of intra-account inventory transfers, such as changes in materiel category and source of supply codes.
4. This monetary field represents a net total and can be either a plus (+) or negative (-) balance.
5. During the September 30 end-of-fiscal-year (EOFY) processing, this field will be adjusted to reflect the value of inventory on hand as of September 30. This total will remain constant for the subsequent fiscal year.
6. On October 1 of each succeeding fiscal year, the value of on order - beginning-of-period will be updated to reflect the computed on order - end-of-period as of September 30.

**9.13. Materiel Acquisition Control Record Stock Fund (313).**

9.13.1. Purpose. To provide the media to monitor requisitioning from each division of the Air Force SMAG. Authorized funds as well as cumulative values and control factors are maintained.

9.13.1.1. Access. The MACR-SF record participates, along with the MACR-BC-Z record, as a member in the SD-MACR set, whose owner is the SYSTEM-DESIGNATOR record. This record is accessed through the SD-MACR set.

9.13.1.2. Size and Location. This fixed record length is 12 words and resides in the SYSDS-AREA area of the SBSS database.

9.13.2. Record Description. The description of the MACR-SF record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.13. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 313-BUDGET-CODE	PIC X(01)	
05 313-FUND-CODE	PIC X(02)	
05 313-CMLTV-ORDERS-AUTH	PIC S9(08) V99 USAGE IS COMP	
05 313-ANNUAL-ORDERS-AUTH	PIC S9(08) V99 USAGE IS COMP	
05 313-ORDERS-PLACED-YEAR-TO-DATE	PIC S9(08) V99 USAGE IS COMP	
05 313-MAX-AUTOMATIC-OBLIGATIONS	PIC 9(07) USAGE IS COMP	
05 313-MAXIMUM-AUTOMATIC-OBL-S-R	PIC 9(07) USAGE IS COMP	
05 313-URGENCY-OF-NEED-FUND-FLAG	PIC X(01)	
05 313-MACR-FACTOR-FLAG	PIC X(01) OCCURS 16 TIMES	Note 1
05 313-REQUISITIONS-SUPPRESS-FLAG	PIC X(01)	
05 313-MONTHLY-ACCUMULATORS	PIC X(06)	
<b>Note:</b> <b>1.</b> The 16 occurrences of the 313-MACR-FACTOR-FLG field are as follows: <ul style="list-style-type: none"> <li>a. (1) MACR Factor (1A) Flag</li> <li>b. (2) MACR Factor (1B) Flag</li> <li>c. (3) MACR Factor (1C) Flag</li> <li>d. (4) MACR Factor (1D) Flag</li> <li>e. (5) MACR Factor (2A) Flag</li> <li>f. (6) MACR Factor (2B) Flag</li> <li>g. (7) MACR Factor (2C) Flag</li> </ul>		

- h. (8) MACR Factor (2D) Flag
- i. (9) MACR Factor (3A) Flag
- j. (10) MACR Factor (3B) Flag
- k. (11) MACR Factor (3C) Flag
- l. (12) MACR Factor (3D) Flag
- m. (13) MACR Factor (4A) Flag
- n. (14) MACR Factor (4B) Flag
- o. (15) MACR Factor (4C) Flag
- p. (16) MACR Factor (4D) Flag

#### 9.14. Materiel Acquisition Control Record Budget Code Z (314).

9.14.1. Purpose. To provide the media for the accumulation of budget code Z (BC Z) requisitions, receipts, payments, and shipments. All status requisitions that affect due-in detail records adjust the MACR update generated by requisitioning.

9.14.1.1. Orders. The available balance of orders authorized as compared to orders placed and the maximum automatic obligations authorized are determined concurrently for General Support Division requisitions. There is no test for the availability of orders placed authority for system support, fuels, or clothing divisions. If determination exceeds the authorized level, a TRIC FRC is produced, unless the requisition is manually processed or MICAP.

9.14.1.2. Access. The MACR-BC-Z record participates, along with the MACR-SF record, as a member in the SD-MACR set, whose owner is the SYSTEM-DESIGNATOR Record. This record is accessed through the SD-MACR set.

9.14.1.3. Size and Location. This fixed record length is 60 words and resides in the SYSDS-AREA area of the SBSS database.

9.14.2. Record Description. The record description of the MACR-BC-Z record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.14. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 314-MACR-BC-Z	OCCURS 2 TIMES	Note 1
10 314-BUDGET-CODE	PIC X(01)	
10 314-ABA	PIC S9(08) V99 USAGE IS COMP	
10 314-CURRENT-AND-PRIOR-YEARS	OCCURS 5 TIMES	Note 2
15 314-FISCAL-YEAR	PIC X(04)	

15 314-FUND-CODE	PIC X(02)	
15 314-ALLOT	PIC S9(08) V99 USAGE IS COMP	
15 314-RECEIVED-AND-PAID	PIC S9(08) V99 USAGE IS COMP	
15 314-RECEIVED-NOT-PAID	PIC S9(08) V99 USAGE IS COMP	
15 314-UOO-DI	PIC S9(08) V99 USAGE IS COMP	
15 314-LP-REQN-NOT-OBLIGATED	PIC S9(08) V99 USAGE IS COMP	

**Note:**

1. The two occurrences of the 314-MACR-BE-Z field are as follows:
  - a. (1) Fund Code 17
  - b. (2) Fund Code 8C
2. The five occurrences of the 314-CURRENT-AND-PRIOR-YEARS field are as follows:
  - a. (1) Current FY
  - b. (2) Prior FY
  - c. (3) 2nd PFY
  - d. (4) 3rd PFY
  - e. (5) 4th PFY

**9.15. A&F General Ledger Accumulator (ACM) Record (315).**

9.15.1. Purpose. To accumulate monetary values for equipment in use as processed for SMAG and non-SMAG equipment authorization inventory data (EAID) transactions.

9.15.1.1. Access. The A-F-GEN-LEDGER-ACM record participates, along with the A-F-GEN-LEDGER-ZBL record and the A-F-GEN-LEDGER-ZTR record, as a member of the GLA-ACC set, whose owner is the GLA-CODES record. This record is accessed through the GLA-ACC set.

9.15.1.2. Size and Location. This fixed record length is 17 words and resides in the GLA-AREA area of the SBSS database.

9.15.2. Record Description. The description for the A-F-GEN-LEDGER-ACM record as it appears in the schema, subschema, and DML/COBOL programs is as follows:



**Table 9.15. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 315-CONSTANT-992	PIC 9(03)	
05 315-DEBIT-CREDIT-FLAG	PIC X(02)	
05 315-STOCK-FUND-FLAG	PIC X(03) OCCURS 10 TIMES	Note 1
10 315-SYS-DESIG	PIC X(02)	
10 315-DOLLAR-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
<b>Note:</b> <b>1.</b> The 10 occurrences of the 315-ACCUMULATOR-GROUP field are as follows: <ul style="list-style-type: none"> <li>a. (1) System Designator 01</li> <li>b. (2) Accumulator A1</li> <li>c. (3) Accumulator A2</li> <li>d. (4) Accumulator A3</li> <li>e. (5) Accumulator A4</li> <li>f. (6) Accumulator A5</li> <li>g. (7) Accumulator A6</li> <li>h. (8) Accumulator A7</li> <li>i. (9) Accumulator A8</li> <li>j. (10) Accumulator A9</li> </ul>		

**9.16. Foreign Currency Record (316).**

9.16.1. Purpose. To provide a means of updating local purchase details as a result of a foreign currency exchange rate fluctuation. This record is maintained at overseas bases. It illustrates the latest prior exchange rate, up to a maximum of eight prior exchange rates, for one currency. A maximum of 10 different foreign currency records is allowed. An input of TRIC 1XR updates this record.

9.16.1.1. Access. Only one of these records appears in the SBSS database. It is accessed in a direct mode. The two parameters that must be initialized before accessing this record are as follows:

9.16.1.1.1. FOREIGN-CURRENCY-KEY.

9.16.1.1.2. SUPRT-AREA-NAME. **Note:** The FOREIGN-CURRENCY-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-316). It consists of the following:

9.16.1.1.2.1. PAGE-NUM (03)

9.16.1.1.2.2. RECORD-NUM (02)

9.16.1.2. Size and Location. This fixed record length is 253 words and resides in the SUPRT-GV area of the SBSS database.

9.16.2. Record Description. The description of the FOREIGN-CURRENCY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.16. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 316-FOREIGN-CURRENCY-RECORD	OCCURS 10 TIMES	Note 1
10 316-FOREIGN-CURRENCY-FLAG	PIC X(01)	
10 316-CURRENCY-CODE-DELETE-FLAG	PIC X(01)	
10 316-EXCHANGE-RATE-GROUPS	OCCURS 9 TIMES	Note 2
15 316-EXCHANGE-RATE	PIC 9(05) V9(04) USAGE IS COMP	
15 316-EXCHANGE-FACTOR	PIC 9(01) V9(06) USAGE IS COMP	
15 316-CHANGE-DATE	PIC X(07)	
<b>Notes:</b> 1. The 10 occurrences of the 316-FOREIGN-CURRENCY-RECORD field represent the maximum number of different FOREIGN-CURRENCY records allowed. 2. The nine occurrences of the 316-EXCHANGE-RATE-GROUPS field are the current exchange rate, and the first through the eighth prior exchange rates.		

## 9.17. Daily Exchange Rate Record (317).

9.17.1. Purpose. To provide a daily exchange rate for local purchases at overseas bases under the Procurement Flexowriter System. A maximum of 10 records with up to 30 days exchange rate data is allowed. An input of TRIC 1XR, action code P, updates this record.

9.17.1.1. Access. The DAILY-EXCHANGE-RATE record is not an owner or member in any set. Only one of these records exists in the SBSS database. It is accessed in a direct mode. The two parameters that must be initialized before accessing this record are as follows:

9.17.1.1.1. DAILY-EXCHANGE-RATE-KEY.

9.17.1.1.2. SUPRT-AREA-NAME. **Note:** The DAILY-EXCHANGE-RATE-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-317). It consists of the following:

9.17.1.1.2.1. PAGE-NUM (03)

## 9.17.1.1.2.2. RECORD-NUM (03)

9.17.1.2. Size and Location. This fixed record length is 465 words and resides in the SUPRT-GV area of the SBSS database.

9.17.2. Record Description. The description of the DAILY-EXCHANGE-RATE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.17. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 317-DAILY-EXCHANGE-RECORD	OCCURS 10 TIMES	Note 1
10 317-FOREIGN-CURRENCY-FLAG	PIC X(01)	
10 317-PROCUREMENT-ACT-ADRSS-NO	PIC X(05)	
10 317-PRIOR-RATE-GROUPS	OCCURS 30 TIMES	Note 2
15 317-PRIOR-PURCHASE-ORDER-DATE	PIC 9(07) USAGE IS COMP	
15 317-PRIOR-EXCHANGE-RATE	PIC 9(04) V9(04) USAGE IS COMP	
<b>Notes:</b> 1. The 10 occurrences of the 317-DAILY-EXCHANGE-RECORD field represent the maximum number of these records allowed. 2. The 30 occurrences of the 317-PRIOR-RATE-GROUPS field represent the maximum number of these data groups allowed.		

**9.18. Billing Variable Record (318).**

9.18.1. Purpose. To store the accounting classification (such as, the fund code, appropriation, and sales code) of SMAG customers at each particular base. Input TRIC 1BR is required to load or delete this record. The record contains a use code which determines how and who uses the record.

9.18.1.1. Use Code C. Records with use code C are used for aviation fuel interfund billings and are categorized by customer identification code (CIC). They are used by the M28 to assign the appropriation charged for CICs ASD, USA, USM, and USN. **Note:** The M28 report is no longer processed in the SBSS and is deleted from the SBSS program library.

9.18.1.2. Use Code P. Records with use code P relate to project fund management record (PFMR) SF 1080 billings. They are used by the M05 to generate the billed office appropriation from the PFMR fund code.

9.18.1.3. Use Code S. Records with use code S relate to non-PFMR billings. They are used by the D07/D12 to assign sales codes and debtor codes to SZS/SZR cards. In addition, they are used by the M33 to generate the billed office appropriation on the non-PFMR SF 1080 billings.

9.18.1.4. Access. The BILLING-VARIABLE record is accessed by SBLC randomization routine, DMSCALC. The two parameters that must be initialized before accessing the record are as follows:

9.18.1.4.1. 318-CALC-KEY.

9.18.1.4.2. BLGVAR-AREA-NAME.

9.18.1.5. Size and Location. This fixed record length is eight words and resides in the BLGVAR-AREA area of the SBSS database.

9.18.2. Record Description. The description of the BILLING-VARIABLE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.18. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 318-CALC-KEY	PIC X(07)	
05 318-USE-CODE	PIC X(01)	
05 318-SERVICE-CODE-CIC	PIC X(04)	
05 318-FUND-CODE	PIC X(02)	
05 318-APPROPRIATION	PIC X(14)	
05 318-SALES-CODE	PIC X(03)	

### 9.19. Materiel Acquisition Control Record (NATO) (319).

9.19.1. Purpose. To provide the media to monitor requisitioning from each division of the Air Force SMAG as it applies to Geilenkirchen AB, GE (NATO). Authorized funds as well as cumulative values and control factors are maintained.

9.19.1.1. Access. The NATO-MACR record is a member, along with the MACR-SF and the MACR-BC-Z, of the SD-MACR set, whose owner is the SYSTEM-DESIGNATOR record. This record is accessed through the SD-MACR set.

9.19.1.2. Size and Location. This fixed record length is 14 words and resides in the SYSDS-AREA area of the SBSS database.

9.19.2. Record Description. The description of the NATO-MACR record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.19. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 319-NATO-BUDGET-CODE	PIC X(01)	
05 319-FUND-CODE	PIC X(02)	
05 319-CUMLTV-ORDERS-AUTH	PIC S9(08) V99 USAGE IS COMP	

05 319-ANNUAL-ORDERS-AUTH	PIC S9(08) V99 USAGE IS COMP	
05 319-ORDERS-PLACED-YEAR-TO-DATE	PIC S9(08) V99 USAGE IS COMP	
05 319-TITLE	PIC X(15)	NATO MACRs only
05 319-MAX-AUTOMATIC-OBLIGATIONS	PIC S9(07) USAGE IS COMP	Due-outs
05 319-MAXIMUM-AUTOMATIC-OBL-S-R	PIC S9(07) USAGE IS COMP	Special Requirements
05 319-URGENCY-OF-NEED-FUND-FLAG	PIC X(01)	
05 319-MACR-FACTOR-FLAG	PIC X(01) OCCURS 16 TIMES	Note 1
05 319-REQUISITIONS-SUPPRESS-FLAG	PIC X(01)	

**Note:**

1. The 16 occurrences of the 319-MACR-FACTOR-FLAG field are as follows:

- a. (1) MACR Factor (1A) Flag
- b. (2) MACR Factor (1B) Flag
- c. (3) MACR Factor (1C) Flag
- d. (4) MACR Factor (1D) Flag
- e. (5) MACR Factor (2A) Flag
- f. (6) MACR Factor (2B) Flag
- g. (7) MACR Factor (2C) Flag
- h. (8) MACR Factor (2D) Flag
- i. (9) MACR Factor (3A) Flag
- j. (10) MACR Factor (3B) Flag
- k. (11) MACR Factor (3C) Flag
- l. (12) MACR Factor (3D) Flag
- m. (13) MACR Factor (4A) Flag
- n. (14) MACR Factor (4B) Flag
- o. (15) MACR Factor (4C) Flag
- p. (16) MACR Factor (4D) Flag

**9.20. DODAAC Fund Code Validation Record (321).**

9.20.1. Purpose. To validate AVFUEL interfund transactions. This record is read by program NGV989/D27 to match the customer identification code (CIC), the Department of Defense activity address code (DODAAC), and fund code (FC) in the daily AVFUEL interfund transactions. If there is no match, the transactions are flagged for end-of-day printout. These records are updated by TRIC 1VU, program NGV936, and are listed by program NGV937/M33.

9.20.1.1. Access. The DODACC-FUND-CODE-VALIDATION record is accessed by the SBLC supplied randomization routine, DMSCALC, as the prime path. The keys required by the DMSCALC routine are as follows:

9.20.1.1.1. 321-DODAAC.

9.20.1.1.2. BLGVAR-AREA-NAME.

9.20.1.2. Size and Location. This fixed record length is three words and resides in the BLGVAR-AREA area of the SBSS database.

9.20.2. Record Description. The description of the DODACC-FUND-CODE-VALIDATION record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.20. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 321-FUEL-CUST-IDENT	PIC X(03)	
05 321-FUND-CODE	PIC X(02)	
05 321-DODAAC	PIC X(06)	

## 9.21. Fuels Consumption (322).

9.21.1. Purpose. Reserved for future use.

9.21.1.1. Access. The FUELS-CONSUMPTION record participates as a member in the SD-OP26 set, whose owner is the SYSTEM-DESIGNATOR Record. This record is accessed through the SD-OP26 set.

9.21.1.2. Size and Location. This fixed record length is 9 words in length and resides in the SYSDS-GV area of the SBSS database.

9.21.2. Record Description. The record description of the FUELS-CONSUMPTION record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.21. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 322-REPORTING-FLAG	PIC X(01)	*
05 322-TYPE-ISSUE-DEFUEL	PIC X(01)	
05 322-POL-GRADES	PIC X(03)	
05 322-SALES-CODE	PIC X(03)	

05 322-FISCAL-YEAR	PIC X(04)	
05 322-FISCAL-MONTH	PIC X(02)	
05 322-OPERATING-AGENCY	PIC X(02)	
05 322-QTY	PIC S9(13) USAGE IS COMP	*
05 322-AMOUNT	PIC S9(13) USAGE IS COMP	
05 322-A-F-IND-1	PIC X(01)	
05 322-A-F-IND-2	PIC X(01)	
05 322-A-F-IND-3	PIC X(01)	
05 322-A-F-IND-4	PIC X(01)	
05 322-A-F-IND-5	PIC X(01)	
05 322-A-F-IND-6	PIC X(01)	
05 322-FILLER-1	PIC X(04)	

## 9.22. Billed-Office Record (328).

9.22.1. Purpose. To build the bill-to address on SF 1080 billing documents. It provides a mailing address for each accounting and finance disbursing station number (ADSN) in the project fund management record (PFMR) and for each Department of Defense activity address code (DODAAC) in the reimbursable shipments listing.

9.22.1.1. Access. The BILLED-OFFICE record is accessed by the SBLC randomization routine, DMSCALC. The two parameters that must be initialized before accessing this record are as follows:

9.22.1.1.1. BLGVAR-AREA.

9.22.1.1.2. 328-ADSN.

9.22.1.2. Size and Location. This fixed record length is 22 words and resides in the BLGVAR-GV area of the SBSS database.

9.22.2. Record Description. The description of the BILLED OFFICE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.22. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 328-ADSN	PIC X(06)	Note 1
05 328-BILLED-OFFICE-LINE1	PIC X(20)	
05 328-BILLED-OFFICE-LINE2	PIC X(20)	

05 328-BILLED-OFFICE-LINE3	PIC X(20)	
05 328-BILLED-OFFICE-LINE4	PIC X(20)	Note 2
05 328-FILLER	PIC X(02)	
<b>Note:</b> 1. For PFMR customers, this field contains the ADSN. For non-PFMR customers, it contains the DODAAC. 2. The first 10 positions of this field contain the zip code, that is, XXXXX-XXXX.		

### 9.23. AF Scratch Pad Record (331).

9.23.1. Purpose. To provide a storage area for the reconciliation of NGV980/D07 and NGV982/D12 output images and the monthly image counts of the daily images output by program NGV982/D12.

9.23.1.1. Access. The AF-SCRATCH-PAD record is accessed by direct mode.

9.23.1.2. Size and Location. This fixed record length is 70 words and resides in the MATACC-GV area of the SBSS database.

9.23.2. Record Description. The description of the A-F-SCRATCH-PAD record as it appears in the schema, subschema, and DML/COBOL programs is as follow:

**Table 9.23. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 331-BK1-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-BK2-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-BK7-ACCUM-N-ACCUM-ISU	PIC S9(08) V99 USAGE IS COMP	
05 331-BK8-ACCUM-N-ACCUM-TIN	PIC S9(08) V99 USAGE IS COMP	
05 331-SZR-ACCUMULATOR-BC1	PIC S9(08) V99 USAGE IS COMP	
05 331-SZS-ACCUMULATOR-BC1	PIC S9(08) V99 USAGE IS COMP	
05 331-SZR-ACCUMULATOR-BC6	PIC S9(08) V99 USAGE IS COMP	



05 331-SZS-ACCUMULATOR-BC6	PIC S9(08) V99 USAGE IS COMP	
05 331-SZR-ACCUMULATOR-BC9	PIC S9(08) V99 USAGE IS COMP	
05 331-SZS-ACCUMULATOR-BC9	PIC S9(08) V99 USAGE IS COMP	
05 331-SZR-ACCUMULATOR-NSF	PIC S9(08) V99 USAGE IS COMP	
05 331-SZS-ACCUMULATOR-NSF	PIC S9(08) V99 USAGE IS COMP	
05 331-WTC-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-FK1-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-FK2-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-DB1-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-DB2-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-DB3-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-DB4-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-DB5-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-DB6-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-MAP-FMS-ACCUMULATOR	PIC S9(08) V99 USAGE IS COMP	
05 331-AV-FUEL-ISSUE	PIC S9(08) V99	

	USAGE IS COMP	
05 331-AV-FUEL-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 331-AV-FUEL-PFMR	PIC S9(08) V99 USAGE IS COMP	
05 331-GND-FUEL-ISSUE	PIC S9(08) V99 USAGE IS COMP	
05 331-GND-FUEL-TURN-IN	PIC S9(08) V99 USAGE IS COMP	
05 331-GND-FUEL-PFMR	PIC S9(08) V99 USAGE IS COMP	
05 331-ACCUMULATORS		
10 331-ACCUM-1	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-2	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-3	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-4	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-5	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-6	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-7	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-8	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-9	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-10	PIC S9(08) V99	

	USAGE IS COMP	
10 331-ACCUM-11	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-12	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-13	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-14	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-15	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-16	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-17	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-18	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-19	PIC S9(08) V99 USAGE IS COMP	
10 331-ACCUM-20	PIC S9(08) V99 USAGE IS COMP	
05 331-FILLER-1	PIC S9(08) V99 USAGE IS COMP	
05 331-FILLER-2	PIC S9(08) V99 USAGE IS COMP	
05 331-FILLER-3	PIC S9(08) V99 USAGE IS COMP	
05 331-FILLER-4	PIC S9(08) V99 USAGE IS COMP	
05 331-FILLER-5	PIC S9(08) V99 USAGE IS COMP	

05 331-FILLER-6	PIC S9(08) V99 USAGE IS COMP	
05 331-FILLER-7	PIC S9(08) V99 USAGE IS COMP	
05 331-FILLER-9	PIC S9(08) V99 USAGE IS COMP	
05 331-FILLER-10	PIC X(01)	
05 331-BK-SEQ-NR	PIC 9(03) USAGE IS COMP	
05 331-BK-MONTHLY-RECORD-COUNT	PIC 9(08) USAGE IS COMP	
05 331-S-MONTHLY-RECORD-COUNT	PIC 9(08) USAGE IS COMP	
05 331-DB-MONTHLY-RECORD-COUNT	PIC 9(08) USAGE IS COMP	
05 331-LAST-INTERFUND-BILL-NBR	PIC 9(05) USAGE IS COMP	
05 331-D17-ACCUM-DLY-RECORD-COUNT	PIC 9(05) USAGE IS COMP	
05 331-981-D10-RCD-SEQ-NR-BY-SD	PIC X(30)	
05 331-SSD-UCR-FLAG-1	PIC X(01)	
05 331-SSD-UCR-FLAG-2	PIC X(01)	
05 331-GSD-UCR-FLAG-1	PIC X(01)	
05 331-GSD-UCR-FLAG-2	PIC X(01)	

#### 9.24. MACR-GSD-[Part 2](#) Record (332).

9.24.1. Purpose. To provide a means of financial control and visibility of obligations/commitments issued against Fund Authorizations received for the Air Force SMAG General Support Division (BC 9), War Readiness Materiel (WRM), and inventory Augmentation (IA). The available balance is computed concurrently for requisitions processed against the General Support Division (GSD). If computed amount exceeds fund authorizations or a predetermined notice output advising that available fund authorization has been exceeded, the requisition is manually processed or MICAP. In addition, actual demand data fields in the record are updated at end-of-day or as required by the D08 Report. The D08 report prints out

accumulated data on the status Fund Authorization. Obligations/Commitments and Demand Data.

9.24.1.1. Access. This record is accessed via the SD-MACR set, whose owner is the system designator record.

9.24.1.2. Size and Location. This fixed record length is 105 words and resides in the SYSDS-GV area of the SBSS database.

9.24.2. Record Description. The description of the MACR-GSD-PART2 record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.24. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 332-BUDGET-CODE	PIC X(01)	
05 332-FUND-CODE	PIC X(02)	
05 332-FISCAL-YEAR	PIC X(04)	
05 332-FILLER-2	PIC X(03)	
05 332-TFA-OPER-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 332-NET-DEMANDS-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 332-NET-DEMANDS-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 332-OPER-OBS-OTHER-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 332-OPER-OBS-LP-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 332-OPER-OBS-OTHER-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 332-OPER-OBS-LP-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 332-INV-AUG-OBS-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 332-INV-AUG-OBS-ACTUAL	PIC S9(13) V99 USAGE IS COMP	

05 332-INV-AUG-COMM-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 332-WRM-OBS-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 332-WRM-OBS-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 332-WRM-COMM-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 332-OPERATING-COMM-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 332-OPERATING-COMM-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 332-BOP-91001-OBLIG-DUO-MEMO	PIC S9(13) V99 USAGE IS COMP	
05 332-BOP-91002-OBLIG-DUO-COMM	PIC S9(13) V99 USAGE IS COMP	
05 332-BOP-91003-OBLIG-DUO	PIC S9(13) V99 USAGE IS COMP	
05 332-EOP-91001-OBLIG-DUO-MEMO	PIC S9(13) V99 USAGE IS COMP	
05 332-EOP-91002-OBLIG-DUO-COMM	PIC S9(13) V99 USAGE IS COMP	
05 332-EOP-91003-OBLIG-DUO	PIC S9(13) V99 USAGE IS COMP	
05 332-CREDIT-RETURNS	PIC S9(13) V99 USAGE IS COMP	
05 332-GROSS-SALES	PIC S9(13) V99 USAGE IS COMP	
05 332-FILER-5	PIC S9(13) V99 USAGE IS COMP	
05 332-FILLER-6	PIC S9(13) V99	

	USAGE IS COMP	
05 332-BOP-93102-OBS-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 332-EOP-93102-OBS-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 332-BOP-93102-WRM-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 332-EOP-93102-WRM-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 332-BOP-93102-IA-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 332-EOP-93102-IA-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 332-BOP-93108-TRACKAGE-AGREE	PIC S9(13) V99 USAGE IS COMP	
05 332-93108-CURRENT-POSITION	PIC S9(13) V99 USAGE IS COMP	
05 332-59005-C-TERM-EXPENSE	PIC S9(13) V99 USAGE IS COMP	
05 332-59013-MODIFICATION-COST	PIC S9(13) V99 USAGE IS COMP	
05 332-NET-DEMANDS-PREV	PIC S9(13) V99 USAGE IS COMP	
05 332-OPERATING-OBS-OTHER-PREV	PIC S9(13) V99 USAGE IS COMP	
05 332-OPERATING-OBS-LP-PREV	PIC S9(13) V99 USAGE IS COMP	
05 332-OPERATING-COMM-PREV	PIC S9(13) V99 USAGE IS COMP	
05 332-INV-AUG-OBS-PREV	PIC S9(13) V99 USAGE IS COMP	

05 332-INV-AUG-COMM-PREV	PIC S9(13) V99 USAGE IS COMP	
05 332-WRM-OBS-PREV	PIC S9(13) V99 USAGE IS COMP	
05 332-WRM-COMM-PREV	PIC S9(13) V99 USAGE IS COMP	
05 332-EXPANSION-9	PIC S9(13) V99 USAGE IS COMP	
05 332-BOP-910-OBLIG-DUO	PIC S9(13) V99 USAGE IS COMP	
05 332-910-OBLIG-DUO	PIC S9(13) V99 USAGE IS COMP	
05 332-OPER-OBS-NON-LP-PCT	PIC S9(13) V99 USAGE IS COMP	
05 332-OPER-COMM-PCT	PIC S9(13) V99 USAGE IS COMP	
05 332-OPER-OBS-LP-PCT	PIC S9(13) V99 USAGE IS COMP	
05 332-SUSPECT-OBS-THRESHOLD	PIC S9(13) V99 USAGE IS COMP	
05 332-SUSPECT-COM-THRESHOLD	PIC S9(13) V99 USAGE IS COMP	
05 332-MAX-AUTOMATIC-OBLIGATIONS	PIC 9(10) USAGE IS COMP	
05 332-MAXIMUM-AUTOMATIC-OBL-S-R	PIC 9(10) USAGE IS COMP	
05 332-OPER-OBS-COM-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-OPER-OBS-LP-OTHER-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-OPER-OBS-TAR-PCT	PIC S9(3) V99	



	USAGE IS COMP	
05 332-OPER-FRC-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-WRM-OBS-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-WRM-OBS-TAR-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-WRM-OBS-COMM-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-IA-OBS-COMM-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-IA-OBS-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-IA-OBS-TAR-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-OPER-OBS-COM-LP-OTH-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-OPER-OBS-COMM-OBS-PCT	PIC S9(3) V99 USAGE IS COMP	
05 332-URGENCY-OF-NEED-FUND-FLAG	PIC X(01)	
05 332-MACR-FACTOR-FLAG1	PIC X(01) OCCURS 16 TIMES	
05 332-MACR-FACTOR-FLAG2	PIC X(01) OCCURS 16 TIMES	
05 332-MACR-FACTOR-FLAG3	PIC X(01) OCCURS 16 TIMES	
05 332-FLAG-1	PIC X(01)	
05 332-FLAG-2	PIC X(01)	
05 332-FLAG-3	PIC X(01)	
05 332-FLAG-4	PIC X(01)	
05 332-FLAG-5	PIC X(01)	

05 332-FLAG-6	PIC X(01)	
05 332-FLAG-7	PIC X(01)	
05 332-FLAG-8	PIC X(01)	
05 332-FLAG-9	PIC X(01)	
05 332-FLAG-10	PIC X(01)	
05 332-FLAG-11	PIC X(01)	
05 332-FLAG-12	PIC X(01)	
05 332-FLAG-13	PIC X(01)	
05 332-FLAG-14	PIC X(01)	
05 332-FLAG-15	PIC X(01)	
05 332-FLAG-16	PIC X(01)	
05 332-FLAG-17	PIC X(01)	
05 332-FLAG-18	PIC X(01)	
05 332-MONTHLY-ACCUMULATORS	PIC X(06)	

#### 9.25. MACR-GSD-Part 2-1FY Record (333).

9.25.1. Purpose. To provide a historical data for fund authorizations, commitments, obligations, and demand data for the 1st prior fiscal year for Air Force SMAG General Support Division (GSD), War Readiness Materiel (WMR), and Inventory Augmentation (IA). Record is only updated by EOFY program 946 which overlays data from the 332 record (current fiscal year).

9.25.1.1. Access. This record is accessed via the SD-MACR set, whose owner is the system designator record.

9.25.1.2. Size and Location. This fixed record length is 105 words and resides in the SYSDS-GV area of the SBSS database.

9.25.2. Record Description. The description of the MACR-GSD-PART2-1FY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.25. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 333-BUDGET-CODE	PIC X(01)	
05 333-FUND-CODE	PIC X(02)	
05 333-FISCAL-YEAR	PIC X(04)	
05 333-FILLER-2	PIC X(03)	
05 333-TFA-OPER-PLAN	PIC S9(13) V99	

	USAGE IS COMP	
05 333-NET-DEMANDS-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 333-NET-DEMANDS-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 333-OPER-OBS-OTHER-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 333-OPER-OBS-LP-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 333-OPER-OBS-OTHER-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 333-OPER-OBS-LP-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 333-INV-AUG-OBS-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 333-INV-AUG-OBS-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 333-INV-AUG-COMM-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 333-WRM-OBS-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 333-WRM-OBS-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 333-WRM-COMM-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 333-OPERATING-COMM-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 333-OPERATING-COMM-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 333-BOP-91001-OBLIG-DUO-MEMO	PIC S9(13) V99 USAGE IS COMP	

05 333-BOP-91002-OBLIG-DUO-COMM	PIC S9(13) V99 USAGE IS COMP	
05 333-BOP-91003-OBLIG-DUO	PIC S9(13) V99 USAGE IS COMP	
05 333-EOP-91001-OBLIG-DUO-MEMO	PIC S9(13) V99 USAGE IS COMP	
05 333-EOP-91002-OBLIG-DUO-COMM	PIC S9(13) V99 USAGE IS COMP	
05 333-EOP-91003-OBLIG-DUO	PIC S9(13) V99 USAGE IS COMP	
05 333-FILLER-3	PIC S9(13) V99 USAGE IS COMP	
05 333-FILLER-4	PIC S9(13) V99 USAGE IS COMP	
05 333-FILLER-5	PIC S9(13) V99 USAGE IS COMP	
05 333-FILLER-6	PIC S9(13) V99 USAGE IS COMP	
05 333-BOP-93102-OBS-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 333-EOP-93102-OBS-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 333-BOP-93102-WRM-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 333-EOP-93102-WRM-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 333-BOP-93102-IA-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 333-EOP-93102-IA-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 333-BOP-93108-TRACKAGE-AGREE	PIC S9(13) V99	

	USAGE IS COMP	
05 333-93108-CURRENT-POSITION	PIC S9(13) V99 USAGE IS COMP	
05 333-59005-C-TERM-EXPENSE	PIC S9(13) V99 USAGE IS COMP	
05 333-59013-MODIFICATION-COST	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-1	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-2	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-3	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-4	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-5	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-6	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-7	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-8	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-9	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-10	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-11	PIC S9(13) V99 USAGE IS COMP	
05 332-EXPANSION-12	PIC S9(13) V99 USAGE IS COMP	

05 333-EXPANSION-13	PIC S9(13) V99 USAGE IS COMP	
05 333-EXPANSION-14	PIC S9(13) V99 USAGE IS COMP	
05 333-SUSPECT-OBS-THRESHOLD	PIC S9(13) V99 USAGE IS COMP	
05 333-SUSPECT-COM-THRESHOLD	PIC S9(13) V99 USAGE IS COMP	
05 333-MAX-AUTOMATIC-OBLIGATIONS	PIC 9(10) USAGE IS COMP	
05 333-MAXIMUM-AUTOMATIC-OBL-S-R	PIC 9(10) USAGE IS COMP	
05 333-OPER-OBS-COM-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-OPER-OBS-LP-OTHER-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-OPER-OBS-TAR-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-OPER-FRC-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-WRM-OBS-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-WRM-OBS-TAR-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-WRM-OBS-COMM-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-IA-OBS-COMM-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-IA-OBS-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-IA-OBS-TAR-PCT	PIC S9(3) V99	

	USAGE IS COMP	
05 333-OPER-OBS-COM-LP-OTH-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-OPER-OBS-COMM-OBS-PCT	PIC S9(3) V99 USAGE IS COMP	
05 333-URGENCY-OF-NEED-FUND-FLAG	PIC X(01)	
05 333-MACR-FACTOR-FLAG1	PIC X(01) OCCURS 16 TIMES	
05 333-MACR-FACTOR-FLAG2	PIC X(01) OCCURS 16 TIMES	
05 333-MACR-FACTOR-FLAG3	PIC X(01) OCCURS 16 TIMES	
05 333-FLAG-1	PIC X(01)	
05 333-FLAG-2	PIC X(01)	
05 333-FLAG-3	PIC X(01)	
05 333-FLAG-4	PIC X(01)	
05 333-FLAG-5	PIC X(01)	
05 333-FLAG-6	PIC X(01)	
05 333-FLAG-7	PIC X(01)	
05 333-FLAG-8	PIC X(01)	
05 333-FLAG-9	PIC X(01)	
05 333-FLAG-10	PIC X(01)	
05 333-FLAG-11	PIC X(01)	
05 333-FLAG-12	PIC X(01)	
05 333-FLAG-13	PIC X(01)	
05 333-FLAG-14	PIC X(01)	
05 333-FLAG-15	PIC X(01)	
05 333-FLAG-16	PIC X(01)	
05 333-FLAG-17	PIC X(01)	
05 333-FLAG-18	PIC X(01)	
05 333-MONTHLY-ACCUMULATORS	PIC X(06)	

**9.26. MACR-GSD-Part 2-2FY Record (334).**

9.26.1. Purpose. To provide a historical data for fund authorizations, commitments, obligations, and demand data for the 2nd prior fiscal year for Air Force SMAG General Support Division (GSD), War Readiness Materiel (WRM), and Inventory Augmentation (IA). Record is only updated by EOFY program NGV946 which overlays data from the 333 record (1st prior fiscal year).

9.26.1.1. Access. This record is accessed via the SD\_MACR set, whose owner is the system designator record.

9.26.1.2. Size and Location. This fixed record length is 105 words and resides in the SYSDS-GV area of the SBSS database.

9.26.2. Record Description. The description of the MACR-GSD-PART2-2FY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 9.26. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 334-BUDGET-CODE	PIC X(01)	
05 334-FUND-CODE	PIC X(02)	
05 334-FISCAL-YEAR	PIC X(04)	
05 334-FILLER-2	PIC X(03)	
05 334-TFA-OPER-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 334-NET-DEMANDS-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 334-NET-DEMANDS-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 334-OPER-OBS-OTHER-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 334-OPER-OBS-LP-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 334-OPER-OBS-OTHER-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 334-OPER-OBS-LP-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 334-INV-AUG-OBS-PLAN	PIC S9(13) V99	



	USAGE IS COMP	
05 334-INV-AUG-OBS-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 334-INV-AUG-COMM-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 334-WRM-OBS-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 334-WRM-OBS-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 334-WRM-COMM-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 334-OPERATING-COMM-PLAN	PIC S9(13) V99 USAGE IS COMP	
05 334-OPERATING-COMM-ACTUAL	PIC S9(13) V99 USAGE IS COMP	
05 334-BOP-91001-OBLIG-DUO-MEMO	PIC S9(13) V99 USAGE IS COMP	
05 334-BOP-91002-OBLIG-DUO-COMM	PIC S9(13) V99 USAGE IS COMP	
05 334-BOP-91003-OBLIG-DUO	PIC S9(13) V99 USAGE IS COMP	
05 334-EOP-91001-OBLIG-DUO-MEMO	PIC S9(13) V99 USAGE IS COMP	
05 334-EOP-91002-OBLIG-DUO-COMM	PIC S9(13) V99 USAGE IS COMP	
05 334-EOP-91003-OBLIG-DUO	PIC S9(13) V99 USAGE IS COMP	
05 334-FILLER-3	PIC S9(13) V99 USAGE IS COMP	
05 334-FILLER-4	PIC S9(13) V99 USAGE IS COMP	

05 334-FILLER-5	PIC S9(13) V99 USAGE IS COMP	
05 334-FILLER-6	PIC S9(13) V99 USAGE IS COMP	
05 334-BOP-93102-OBS-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 334-EOP-93102-OBS-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 334-BOP-93102-WRM-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 334-EOP-93102-WRM-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 334-BOP-93102-IA-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 334-EOP-93102-IA-ORD-OUTSTAND	PIC S9(13) V99 USAGE IS COMP	
05 334-BOP-93108-TRACKAGE-AGREE	PIC S9(13) V99 USAGE IS COMP	
05 334-93108-CURRENT-POSITION	PIC S9(13) V99 USAGE IS COMP	
05 334-59005-C-TERM-EXPENSE	PIC S9(13) V99 USAGE IS COMP	
05 334-59013-MODIFICATION-COST	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-1	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-2	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-3	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-4	PIC S9(13) V99	

	USAGE IS COMP	
05 334-EXPANSION-5	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-6	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-7	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-8	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-9	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-10	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-11	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-12	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-13	PIC S9(13) V99 USAGE IS COMP	
05 334-EXPANSION-14	PIC S9(13) V99 USAGE IS COMP	
05 334-SUSPECT-OBS-THRESHOLD	PIC S9(13) V99 USAGE IS COMP	
05 334-SUSPECT-COM-THRESHOLD	PIC S9(13) V99 USAGE IS COMP	
05 334-MAX-AUTOMATIC-OBLIGATIONS	PIC 9(10) USAGE IS COMP	
05 334-MAXIMUM-AUTOMATIC-OBL-S-R	PIC 9(10) USAGE IS COMP	
05 334-OPER-OBS-COM-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	

05 334-OPER-OBS-LP-OTHER-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-OPER-OBS-TAR-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-OPER-FRC-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-WRM-OBS-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-WRM-OBS-TAR-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-WRM-OBS-COMM-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-IA-OBS-COMM-TFA-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-IA-OBS-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-IA-OBS-TAR-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-OPER-OBS-COM-LP-OTH-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-OPER-OBS-COMM-OBS-PCT	PIC S9(3) V99 USAGE IS COMP	
05 334-URGENCY-OF-NEED-FUND-FLAG	PIC X(01)	
05 334-MACR-FACTOR-FLAG1	PIC X(01) OCCURS 16 TIMES	
05 334-MACR-FACTOR-FLAG2	PIC X(01) OCCURS 16 TIMES	
05 334-MACR-FACTOR-FLAG3	PIC X(01) OCCURS 16 TIMES	
05 334-FLAG-1	PIC X(01)	
05 334-FLAG-2	PIC X(01)	

05 334-FLAG-3	PIC X(01)	
05 334-FLAG-4	PIC X(01)	
05 334-FLAG-5	PIC X(01)	
05 334-FLAG-6	PIC X(01)	
05 334-FLAG-7	PIC X(01)	
05 334-FLAG-8	PIC X(01)	
05 334-FLAG-9	PIC X(01)	
05 334-FLAG-10	PIC X(01)	
05 334-FLAG-11	PIC X(01)	
05 334-FLAG-12	PIC X(01)	
05 334-FLAG-13	PIC X(01)	
05 334-FLAG-14	PIC X(01)	
05 334-FLAG-15	PIC X(01)	
05 334-FLAG-16	PIC X(01)	
05 334-FLAG-17	PIC X(01)	
05 334-FLAG-18	PIC X(01)	
05 334-MONTHLY-ACCUMULATORS	PIC X(06)	

**Chapter 10**

**RESERVED**

**10.1. Reserved.**

## Chapter 11

### GENERAL SUPPORT RECORDS

**11.1. Overview.** This chapter describes and contains the formats for the general support records used in the computer. **Note:** 1. The database records are required. They may not be altered except as permitted under program control with an authorized input. 2. The term Defense Business Operations Fund (DBOF) is now the Defense Working Capital Fund (DWCF). However, in this chapter wherever DBOF is used in a systems output, the older term is used to reflect the actual output. The term will be updated upon system programmatic updates.

#### 11.2. Inventory Accuracy Record Account B/E Complete Record (501).

11.2.1. Purpose. To provide the data necessary for managing inventory accounts. These records are updated inline and during end-of-day processing. The totals maintained are accumulated annually and are blanked during end-of-fiscal-year processing.

11.2.1.1. Separate Records. Separate records are maintained for system designators 01, A1 through A9, and type account code B/E. System designator Bx/Cx data are accumulated with system designator 01. Inventory accuracy records are maintained for the following types of inventories and property categories: repair cycle (XD/XF3), economic order quantity (EOQ) (XB3), equipment in-warehouse (ND/NF), General Support Division (GSD) (BC9), Systems Support Division (SSD) (BC 1), and investment (BC Alpha).

11.2.1.2. Size and Location. This fixed record length is 69 words and resides in the INVACC-GV area of the SBSS database.

11.2.2. Record Description. The description of the INV-ACCR-ACCT-BE-COM record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.1. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 501-INVENTORY-GROUP-COMP	OCCURS 07 TIMES	Note 1
10 501-COMP-LINE-ITEMS-COUNTED	PIC S9(10) USAGE IS COMP	
10 501-COMP-LINE-ITEMS-OVER	PIC S9(10) USAGE IS COMP	
10 501-COMP-LINE-ITEMS-SHORT	PIC S9(10) USAGE IS COMP	
10 501-COMP-RECORDED-BALANCE	PIC S9(10) USAGE IS COMP	Note 2
10 501-COMP-DOL-VAL-RECORDED-BAL	PIC S9(11) V99 USAGE IS COMP	

10 501-COMP-UNITS-OVER	PIC S9(10) USAGE IS COMP	
10 501-COMP-DOLLARS-OVER	PIC S9(11) V99 USAGE IS COMP	
10 501-COMP-UNITS-SHORT	PIC S9(10) USAGE IS COMP	
10 501-COMP-DOLLARS-SHORT	PIC S9(11) V99 USAGE IS COMP	

**Notes:**

1. The seven occurrences of the 501-INVENTORY-GROUP-COMP field are as follows:
  - a. (1) Inventory Accuracy--Repair Cycle
  - b. (2) Inventory Accuracy--EOQ
  - c. (3) Inventory Accuracy--Equipment
  - d. (4) Inventory Accuracy--GSD
  - e. (5) Inventory Accuracy--SSD
  - f. (6) Inventory Accuracy--Investment
  - g. (7) Inventory Accuracy--DLR
2. This field indicates the balance on the item record and/or the detail record when the inventory count output is prepared.

**11.3. Inventory Accuracy Record Account B/E Special Record (502).**

11.3.1. Purpose. To maintain special inventory data necessary to manage B/E accounts. These records are maintained for the following type of inventories and property categories: repair cycle (XD/XF3), except DIFM; DIFM (DIFM adjustments); economic order quantity (EOQ) (XB3); equipment in-warehouse (ND/NF); equipment in-use (in-use adjustments); General Support Division (GSD) (BC 1); and investment (BC Alpha).

11.3.1.1. Access. The INV-ACCR-ACCT-BE-SPECIAL record is one of seven members in the SD-INVACC set, whose owner is the SYSTEM-DESIGNATOR record. This record is accessed through the SD-NVACC set. It also participates as a member of the HDR-INVACC set, whose owner is the INV-ACCR-HEADER record, and it is stored through the HDR-INVACC set.

11.3.1.2. Size and Location. This fixed record length is 88 words and resides in the INVACC-GV area of the SBSS database.

11.3.2. Record Description. The description of the INV-ACCR-ACCT-BE-SPE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:



**Table 11.2. Record Description.**

<b>FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/REMARKS</b>
05 502-INVENTORY-GROUP-SPCL	OCCURS 09 TIMES	Note 1
10 502-SPCL-LINE-ITEMS-COUNTED	PIC S9(10) USAGE IS COMP	
10 502-SPCL-LINE-ITEMS-OVER	PIC S9(10) USAGE IS COMP	
10 502-SPCL-LINE-ITEMS-SHORT	PIC S9(10) USAGE IS COMP	
10 502-SPCL-RECORDED-BALANCE	PIC S9(10) USAGE IS COMP	Note 2
10 502-SPCL-DOL-RECORDED-BALANCE	PIC S9(11) V99 USAGE IS COMP	
10 502-SPCL-UNITS-OVER	PIC S9(10) USAGE IS COMP	
10 502-SPCL-DOLLARS-OVER	PIC S9(11) V99 USAGE IS COMP	
10 502-SPCL-UNITS-SHORT	PIC S9(10) USAGE IS COMP	
10 502-SPCL-DOLLARS-SHORT	PIC S9(11) V99 USAGE IS COMP	
<b>Note:</b> 1. The nine occurrences of the 502-INVENTORY-GROUP-SPCL field are as follows: <ol style="list-style-type: none"> <li>a. (1) Repair Cycle</li> <li>b. (2) DIFM</li> <li>c. (3) EOQ</li> <li>d. (4) Equipment In-Warehouse</li> <li>e. (5) In-Use</li> <li>f. (6) GSD</li> <li>g. (7) SSD</li> <li>h. (8) Investment</li> <li>i. (9) DLR</li> </ol>		

2. The following information applies:

a. For special inventory (except equipment in-use), this field indicates the balance on the item record and/or the detail record before it is adjusted.

b. For special inventory (equipment in-use), this field indicates the balance on the authorized/in-use detail record before it is adjusted by special inventory. The field also indicates the balance on the authorized/in-use detail record when the Custody Receipt Listing (R14) produces equipment inventory outputs (EIC).

#### 11.4. Inventory Accuracy Record Account B/E Identity Changes Record (503).

11.4.1. Purpose. To maintain inventory accuracy data on identity changes necessary for managing B/E accounts. These records are maintained for the following types of inventories and property categories: repair cycle (XD/XF3), economic order quantity (EOQ) (XB3), equipment (ND/NF), General Support Division (GSD) (BC 9), and investment (BC Alpha).

11.4.1.1. Access. The INV-ACCR-ACCT-BE-ID-CHNGE record is one of seven members in the SD-INVACC set, whose owner is the SYSTEM-DESIGNATOR record. This record is accessed through the SD-INVACC set. It also participates as a member of the HDR-INVACC set, whose owner is the INV-ACCR-HEADER record, and it is stored through the HDR-INVACC set.

11.4.1.2. Size and Location. This fixed record length is 69 words and resides in the INVACC-GV area of the SBSS database.

11.4.2. Record Description. The description of the INV-ACCR-ACCT-BE-ID-record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.3. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 503-INVENTORY-GROUP-IDCG	OCCURS 07 TIMES	Note 1
10 503-IDCG-LINE-ITEMS-COUNTED	PIC S9(10) USAGE IS COMP	
10 503-IDCG-LINE-ITEMS-OVER	PIC S9(10) USAGE IS COMP	
10 503-IDCG-LINE-ITEMS-SHORT	PIC S9(10) USAGE IS COMP	
10 503-IDCG-RECORDED-BALANCE	PIC S9(10) USAGE IS COMP	Note 2
10 503-IDCG-DOL-RECORDED-BALANCE	PIC S9(11) V99 USAGE IS COMP	
10 503-IDCG-UNITS-OVER	PIC S9(10)	

	USAGE IS COMP	
10 503-IDCG-DOLLARS-OVER	PIC S9(11) V99 USAGE IS COMP	
10 503-IDCG-UNITS-SHORT	PIC S9(10) USAGE IS COMP	
10 503-IDCG-DOLLARS-SHORT	PIC S9(11) V99 USAGE IS COMP	

**Note:**

1. The seven occurrences of the 503-INVENTORY-GROUP-IDCG field are as follows:
  - a. (1) Repair Cycle
  - b. (2) EOQ
  - c. (3) Equipment
  - d. (4) GSD
  - e. (5) SSD
  - f. (6) Investment
  - g. (7) DLR
2. This field is blank.

**11.5. Inventory Accuracy Record Account B/E Sample Record (504).**

11.5.1. Purpose. To maintain inventory accuracy data necessary for managing B/E accounts. These records are maintained for the following types of inventories and property categories: repair cycle (SX/XF3), economic order quantity (EOQ) (XB3), equipment (ND/NF), in-warehouse, General Support Division (GSD) (BC 9), System Support Division (SSD) (BC 1), and investment (BC Alpha).

11.5.1.1. Access. The INV-ACCR-ACCT-BE-SAMPLE record is one of seven members in the SD-INVACC set, whose owner is the SYSTEM-DESIGNATOR record. This record is accessed through the SD-INVACC set. It also participates as a member of the HDR-INVACC set, whose owner is the INV-ACCR-HEADER record, and it is stored through the HDR-INVACC set.

11.5.1.2. Size and Location. This fixed record length is 46 words and resides in the INVACC-GV area of the SBSS database.

11.5.2. Record Description. The description of the INV-ACCR-ACCT-BE-SAM record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.4. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
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05 504-INVENTORY-GROUP-SMPL	OCCURS 07 TIMES	Note 1
10 504-SMPL-TTL-ITEMS-ALL-LOTS	PIC S9(10) USAGE IS COMP	
10 504-SMPL-TTL-ITEMS-SAMPLED	PIC S9(10) USAGE IS COMP	
10 504-SMPL-NBR-ERRS-NOT-AUTO-ADJ	PIC S9(10) USAGE IS COMP	
10 504-SMPL-NBR-AUTO-ADJ	PIC S9(10) USAGE IS COMP	
10 504-SMPL-RECORDED-BALANCE	PIC S9(10) USAGE IS COMP	Note 2
10 504-SMPL-DOL-RECORDED-BALANCE	PIC S9(11) V99 USAGE IS COMP	
05 504-LOTS-PASSED	PIC S9(10) USAGE IS COMP	
05 504-LOTS-FAILED	PIC S9(10) USAGE IS COMP	

**Note:**

1. The seven occurrences of the 504-INVENTORY-GROUP-SMPL field are as follows:

- a. (1) Repair Cycle
- b. (2) EOQ
- c. (3) SSD
- d. (4) Investment
- e. (5) Equipment
- f. (6) GSD
- g. (7) DLR

2. This field reflects the balance on the item record and/or the detail record when the inventory count output is prepared.

**11.6. Inventory Accuracy Record Account K Complete Record (505).**

11.6.1. Purpose. To maintain inventory accuracy data necessary for managing K accounts. These records are maintained for repair cycle (XD/XF3) and economic order quantity (EOQ) (XB3) property categories.

11.6.1.1. Access. The INV-ACCR-ACCT-K-COMP record is one of seven member records in the SD-INVACC set, whose owner is the SYSTEM-DESIGNATOR record. This record is accessed through the SD-INVACC set. The record also participates as a member of the HDR-INVACC set, whose owner is the INV-ACCR-HEADER record, and it is stored through the HDR-INVACC set.

11.6.1.2. Size and Location. This fixed record length is 18 words and resides in the INVACC-GV area of the SBSS database.

11.6.2. Record Description. The description of the INV-ACCR-ACCT-K-COMP record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.5. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 505-INVENTORY-GROUP-KCMP	OCCURS 02 TIMES	Note 1
10 505-KCMP-LINE-ITEMS-COUNTED	PIC S9(10) USAGE IS COMP	
10 505-KCMP-LINE-ITEMS-OVER	PIC S9(10) USAGE IS COMP	
10 505-KCMP-LINE-ITEMS-SHORT	PIC S9(10) USAGE IS COMP	
10 505-KCMP-RECORDED-BALANCE	PIC S9(10)	Note 2
10 505-KCMP-DOL-VAL-RECORDED-BAL	PIC S9(08) V99 USAGE IS COMP	
10 505-KCMP-UNITS-OVER	PIC S9(10) USAGE IS COMP	
10 505-KCMP-DOLLARS-OVER	PIC S9(08) V99 USAGE IS COMP	
10 505-KCMP-UNITS-SHORT	PIC S9(10) USAGE IS COMP	
10 505-KCMP-DOLLARS-SHORT	PIC S9(08) V99 USAGE IS COMP	
<b>Note:</b> 1. The two occurrences of the 505-INVENTORY-GROUP-KCMP field are as follows: a. (1) Repair Cycle b. (2) EOQ		

2. This field reflects the balance on the item record and/or the detail record when the inventory count output is prepared.

### 11.7. Inventory Adjustment Control Record (507).

11.7.1. Purpose. To provide the Consolidated Inventory Adjustment Register with serial numbers and with sample inventory completion certificate serial numbers.

11.7.1.1. Access. The INV-ADJUSTMENT-CONTROL record is not an owner or member in any set. Only one record exists in the SBSS database, and it is accessed directly. The two parameters that must be initialized before accessing this record are as follows:

11.7.1.1.1. INV-ADJ-CNTL-KEY.

11.7.1.1.2. INV-ADJ-AREA-NAME.

11.7.1.1.3. Size and Location. This fixed record length is 17 words and resides in the INV-ADJ-GV area of the SBSS database.

11.7.2. Record Description. The description of the INV-ADJUSTMENT-CONTR record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.6. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 507-M10-ACCT-BE-GROUP	OCCURS 10 TIMES	Note 1
10 507-BE-SERIAL-NBR	PIC S9(05) USAGE IS COMP	Notes 2, 3
05 507-M10-ACCT-K-GROUP	OCCURS 10 TIMES	Note 1
10 507-K-SERIAL-NBR	PIC S9(05) USAGE IS COMP	
05 507-SAMPLE-INV-CERT-SERIAL NBR	OCCURS 10 TIMES	Note 1
10 507-SAMPLE-INV-SERIAL-NBR	PIC S9(05) USAGE IS COMP	Notes 3, 4
05 507-FIX-COUNTER	PIC S9(05) USAGE IS COMP	Note 5
05 507-SECONDARY-COUNTER	PIC S9(05) USAGE IS COMP	
05 507-COUNT-IMAGE-SERIAL-NBR	PIC 9(10) USAGE IS COMP	
<b>Note:</b>		

1. The 10 occurrences of the 507-M10-ACCT-BE-GROUP, 507-M10-ACCT-K-GROUP, and 507-SAMPLE-INV-CERT-SER-NBR fields are as follows:
  - a. (1) System Designator 01
  - b. (2) Accumulator A1
  - c. (3) Accumulator A2
  - d. (3) Accumulator A3
  - e. (3) Accumulator A4
  - f. (6) Accumulator A5
  - g. (7) Accumulator A6
  - h. (8) Accumulator A7
  - i. (9) Accumulator A8
  - j. (10) Accumulator A9
2. The M10 assigns serial numbers each time the inventory adjustment records are printed and blanked. The Prep Inventory Accuracy Record, program NGV838/A02, resets the serial numbers to zero during end-of-fiscal-year processing.
3. Serial numbers are assigned in system designator sequence (such as, 01, A1-A9). Four positions are reserved for each serial number.
4. The Sample Inventory Program, program NGV535, assigns serial numbers for sample inventory completion. The serial numbers are assigned according to the system designator and type account code B/E. Program NGV838/A02 resets the serial numbers to zero during end-of-fiscal-year processing.
5. The fix counter will be reset to one each time the inventory adjustment records are blanked by program M10.
6. Serial numbers for inventory count outputs are assigned by the Inventory Count Program (R12/NGV831). Serial numbers are reset by the first R12 that is processed on a SBSS processing day.

## **11.8. Inventory Adjustment Basic Record (508).**

11.8.1. Purpose. To maintain the statistical data required to print the Consolidated Inventory Adjustment Register.

11.8.1.1. Access. The INV-ADJUSTMENT-BASIC record is a member record in the SD-INVBSC set, whose owner is the SYSTEM-DESIGNATOR record. This record is accessed through the SD-INVBSC set. For storage, the data management routine (DMR) uses the SBLC randomization routine, DMSCALC, to store and retrieve the INV-ADJUSTMENT-BASIC record. The two parameters required by the DMSCALC routine before accessing this record are as follows:

11.8.1.1.1. 508-SERIAL-NUMBER.

11.8.1.1.2. INADJ-AREA-NAME.

11.8.1.2. Size and Location. This fixed record length is 24 words and resides in the INVADJ-GV area of the SBSS database.

11.8.2. Record Description. The description of the INV-ADJUSTMENT-BASIC record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.7. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 508-TYPE-SRAN	PIC X(01)	
05 508-CERTIFYING-SORT-CODE	PIC X(01)	Note 1
05 508-APPROVAL-SORT-CODE	PIC X(01)	Note 1
05 508-STOCK-NUMBER	PIC X(15)	
05 508-ERRCD	PIC X(03)	
05 508-UNIT-OF-ISSUE	PIC X(02)	
05 508-APPLICATION-CODE	PIC X(02)	
05 508-DOCUMENT-NBR	PIC X(14)	Note 2
05 508-TX-DATE-SERIAL-NBR		
10 508-TRANSACTION-DATE	PIC 9(07)	
10 508-SERIAL-NBR	PIC 9(05)	
05 508-QTY-THIS-ACTION	PIC S9(07) USAGE IS COMP	
05 508-EXTENDED-COST	PIC S9(10) USAGE IS COMP	
05 508-TYPE-TRANSACTION-PHRASE	PIC X(02)	Note 3
05 508-BUDGET-CODE	PIC X(01)	
05 508-DOC-NBR-WHSE-LOC-OR-BLANK	PIC X(14)	Note 4
05 508-NOMENCLATURE	PIC X(34)	
05 508-TYPE-ADJUSTMENT-CODE	PIC X(01)	Note 5
05 508-TEX-CODE	PIC X(01)	
05 508-CONTROLLED-ITEM-CODE	PIC X(01)	
05 508-IEX-SPRAM-FLAG	PIC X(01)	Note 6
05 508-JOCAS-NBR	PIC X(12)	
<b>Note:</b> 1. See AFMAN 23-122, Sec 5G, Physical Inventory and Inventory Adjustments, for inventory procedures.		



2. On an identity change (FCH) adjustment, this field contains the first 14 characters of the change-to stock number for type transaction phrase code (TTPC) 1A, and the first 14 characters of the change-from stock number for TTPC 1B. For sample inventory adjustments, this field contains the beginning and ending balance.
3. An alpha F in the first position of the field indicates an unserviceable adjustment.
4. Positions 1-11 indicate the warehouse location. Positions 12-14 are blank.
5. The adjustment codes apply as follows:
  - a. A = Automatic Adjustment
  - b. B = Sample
  - c. C = Cycle
  - d. D = Special
  - e. F = Identity Change
  - f. 9 = Automatic Sample
6. If line item accounting procedures are being used, the issue exception will be entered.

### 11.9. Sample Inventory Certificate Record (509).

11.9.1. Purpose. To maintain statistics on the sample inventory certificates required to print the Consolidated Inventory Adjustment Register.

11.9.1.1. Access. The owner is the SYSTEM-DESIGNATOR record. This record is accessed through the SD-INVSMP set. For storage, the data management routine (DMR) uses the SBLC randomization routine, DMSCALC, to store and retrieve the INV-ADJUSTMENT-SAMPLE-INV-CERT record. The two parameters required by the DMSCALC routine before accessing this record are as follows:

11.9.1.1.1. 509-SMPL-INV-CERT-SER-NBR.

11.9.1.1.2. INADJ-AREA-NAME.

11.9.1.2. Size and Location. This fixed record length is 24 words and resides in the INVADJ-GV area of the SBSS database.

11.9.2. Record Description. The description of the INV-ADJ-SAMPLE-INV-CERT record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.8. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 509-CERTIFYING-SORT-CODE	PIC X(01)	
05 509-APPROVAL-SORT-CODE	PIC X(01)	
05 509-SAMPLE-INV-RECORD-CODE	PIC X(01)	Note 1
05 509-WAREHOUSE-LOCATION-FROM	PIC X(11)	Note 1

05 509-WAREHOUSE-LOCATION-TO	PIC X(11)	Note 1
05 509-R-C-WITH-WHSE-LOCATION	PIC S9(07) USAGE IS COMP	Note 1
05 509-EOQ-W-WAREHOUSE-LOCATION	PIC S9(07) USAGE IS COMP	Note 1
05 509-EQUIP-W-WHSE-LOCATION	PIC S9(07) USAGE IS COMP	Note 1
05 509-TOTAL-W-WAREHOUSE-LOCATION	PIC S9(07) USAGE IS COMP	Note 1
05 509-R-C-1RS-IMAGE-PRODUCED	PIC S9(07) USAGE IS COMP	Note 1
05 509-EOQ-1RS-IMAGE-PRODUCED	PIC S9(07) USAGE IS COMP	Note 1
05 509-EQUIP-1RS-IMAGE-PRODUCED	PIC S9(07) USAGE IS COMP	Note 1
05 509-TOTAL-1RS-IMAGE-PRODUCED	PIC S9(07) USAGE IS COMP	Note 1
05 509-TOTAL-IMAGE-REINPUT	PIC S9(07) USAGE IS COMP	Note 1
05 509-REPAIR-CYCLE-ERRORS	PIC S9(07) USAGE IS COMP	Note 1
05 509-EOQ-ERRORS	PIC S9(07) USAGE IS COMP	Note 1
05 509-EQUIP-ERRORS	PIC S9(07) USAGE IS COMP	Note 1
05 509-TOTAL-ERRORS	PIC S9(07) USAGE IS COMP	Note 1
05 509-TOTAL-ERRORS-ALLOWED	PIC S9(07) USAGE IS COMP	Note 1
05 509-NBR-ITEMS-REQRNG-RECOUNT	PIC S9(07) USAGE IS COMP	Note 1

05 509-NBR-FRZN-ITMS-NOT-SEL-SMPL	PIC S9(07) USAGE IS COMP	Note 1
05 509-NBR-ERRORS-LESS-60-DOLS	PIC S9(07) USAGE IS COMP	
05 509-TOTAL-WRM-REVIEWED	PIC S9(07) USAGE IS COMP	Note 1
05 509-WRM-1RS-IMAGES-PRODUCED	PIC S9(07) USAGE IS COMP	Note 1
05 509-TOTAL-WRM-IMAGE-REINPUT	PIC S9(07) USAGE IS COMP	Note 1
05 509-WRM-ERRORS	PIC S9(07) USAGE IS COMP	Note 1
05 509-DATE-OF-LAST-INVENTORY	PIC 9(07) USAGE IS COMP	Note 1
05 509-SMPL-INV-CERT-SERIAL-NBR	PIC S9(05) USAGE IS COMP	Note 2
<b>Notes:</b> 1. The inline program creates records from data obtained from the sample inventory accuracy suspense record. 2. The serial number is obtained from the inventory control record and is updated by one for each sample completed.		

#### 11.10. Sample Inventory Suspense Record (510).

11.10.1. Purpose. To serve as a suspense record for each sample inventory in progress. After all the 1RS/1RR inputs have been processed for applicable samples, the record data are stored in the inventory adjustment record so that a sample inventory certificate can be printed, and the suspense record is blanked.

11.10.1.1. Access. The SAMPLE-INVENTORY-SUSPENSE record is not an owner or member in any set. The two parameters that must be initialized before accessing this record in a direct mode are as follows:

11.10.1.1.1. SAMPLE-INV-KEY.

11.10.1.1.2. INVADJ-AREA-NAME. **Note:** The SAMPLE-INV-KEY key is contained in the SUPRT-AREA-KEYS record (015-RT-510). It consists of the following:

11.10.1.1.2.1. PAGE-NUM (01)

## 11.10.1.1.2.2. RECORD-NUM (02)

11.10.1.2. Size and Location. The fixed record length is 256 words and resides in the INVADJ-AREA area of the SBSS database.

11.10.2. Record Description. The description of the SAMPLE-INVENTORY-SUSPENSE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.9. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 510-RECORD-GROUP	OCCURS 12 TIMES	Note 1
10 510-SYS-DESIG	PIC X(02)	
10 510-SAMPLE-INV-RECORD-CODE	PIC X(01)	Note 2
10 510-WAREHOUSE-LOCATION-FROM	PIC X(11)	
10 510-WAREHOUSE-LOCATION-TO	PIC X(11)	
10 510-R-C-WITH-WHSE-LOCATION	PIC S9(05) USAGE IS COMP	
10 510-EOQ-RECORDS-WITH-WHSE-LOC	PIC S9(05) USAGE IS COMP	
10 510-EQUIP-REC-WITH-WHSE-LOC	PIC S9(05) USAGE IS COMP	
10 510-TOTAL-REC-WITH-WHSE-LOC	PIC S9(05) USAGE IS COMP	
10 510-R-C-1RS-IMAGE-PRODUCED	PIC S9(05) USAGE IS COMP	
10 510-EOQ-1RS-IMAGE-PRODUCED	PIC S9(05) USAGE IS COMP	
10 510-EQUIP-1RS-IMAGE-PRODUCED	PIC S9(05) USAGE IS COMP	
10 510-TOTAL-1RS-IMAGE-PRODUCED	PIC S9(05) USAGE IS COMP	
10 510-TOTAL-IMAGE-REINPUT	PIC S9(05) USAGE IS COMP	
10 510-REPAIR-CYCLE-ERRORS	PIC S9(05) USAGE IS COMP	

10 510-R-C-ERRORS-AUTOMATIC	PIC S9(05) USAGE IS COMP	
10 510-EOQ-ERRORS	PIC S9(05) USAGE IS COMP	
10 510-EOQ-ERRORS-AUTOMATIC	PIC S9(05) USAGE IS COMP	
10 510-EQUIP-ERRORS	PIC S9(05) USAGE IS COMP	
10 510-TOTAL-ERRORS	PIC S9(05) USAGE IS COMP	
10 510-TOTAL-ERRORS-ALLOWED	PIC S9(05) USAGE IS COMP	
10 510-NBR-REQUIRING-RECOUNT	PIC S9(05) USAGE IS COMP	
10 510-FROZEN-ITEM-RECORDS	PIC S9(05) USAGE IS COMP	
10 510-ERRORS-LT-60-DOLLARS	PIC S9(05) USAGE IS COMP	
10 510-TOTAL-WRM-REVIEWED	PIC S9(05) USAGE IS COMP	
10 510-WRM-1RS-IMAGES-PRODUCED	PIC S9(05) USAGE IS COMP	
10 510-IMAGE-WRM-REINPUT	PIC S9(05) USAGE IS COMP	
10 510-TOTAL-WRM-ERRORS	PIC S9(05) USAGE IS COMP	
10 510-DATE-OF-LAST-INVENTORY	PIC S9(07) USAGE IS COMP	
10 510-GSD-ERRORS	PIC S9(05) USAGE IS COMP	
10 510-GSD-ERRORS-AUTOMATIC	PIC S9(05)	

	USAGE IS COMP	
10 510-SSD-ERRORS	PIC S9(05) USAGE IS COMP	
10 510-SSD-ERRORS-AUTOMATIC	PIC S9(05) USAGE IS COMP	
10 510-INVESTMENT-ERRORS	PIC S9(05) USAGE IS COMP	
10 510-INVESTMENT-ERRORS-AUTO	PIC S9(05) USAGE IS COMP	
05 510-NBR-SAMPLE-INVENTORIES	PIC S9(02) USAGE IS COMP	Note 3

**Note:**

1. The 12 occurrences of the 510-RECORD-GRP field are as follows:

- a. (1) Alpha Code A
- b. (2) Alpha Code B
- c. (3) Alpha Code C
- d. (4) Alpha Code D
- e. (5) Alpha Code E
- f. (6) Alpha Code F
- g. (7) Alpha Code G
- h. (8) Alpha Code H
- i. (9) Alpha Code I
- j. (10) Alpha Code J
- k. (11) Alpha Code K
- l. (12) Alpha Code L

2. The sample inventory record code identifies the suspense record that applies to the 1RS input. An alpha code (A-L) is assigned.

3. This field identifies the number of sample inventories in progress. It appears only on the first record.

**11.11. ISSL Data Record (515).**

11.11.1. Purpose. To provide the constant data for processing Initial Spares Support List (ISSL) input.

11.11.1.1. Contents. The record includes two kinds of information:

11.11.1.1.1. The override options for requisitioning (SPR).

11.11.1.1.2. The constants for building FIL, FCD, and XCH inputs. These inputs are created under program control by ISSL processing.

11.11.1.2. Access. The ISSL-DATA-RECORD is accessed by DMSCALC using the 515-CALC-KEY which consists of the following:

11.11.1.2.1. Positions 1-2 = System Designator

11.11.1.2.2. Positions 3-10 = ISSL/MSSL Serial Number

11.11.1.3. Size and Location. This fixed record length is 28 words and resides in the MISC-GV area of the SBSS database.

11.11.2. Record Description. The description of the ISSL-DATA-RECORD record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.10. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 515-CALC-KEY	PIC X(10)	
05 515-INCREMENT-CODE	PIC X(01)	
05 515-MEDIA-STATUS-CODE	PIC X(01)	
05 515-MAJCOM-CODE	PIC X(02)	
05 515-SUPP-ADDRESS	PIC X(06)	
05 515-ADVICE-CODE	PIC X(02)	
05 515-UMMIPS-PRIORITY	PIC 9(02) USAGE IS COMP	
05 515-REQUIRED-DEL-DATE	PIC X(03)	
05 515-PROJECT-CODE	PIC X(03)	
05 515-RQMTS-COMPUTATION-FLAG	PIC X(01)	
05 515-LEVEL-JUSTIFICATION-CODE	PIC X(01)	
05 515-EEX-CODE	PIC X(01)	
05 515-IEX-CODE	PIC X(01)	
05 515-REX-CODE	PIC X(01)	
05 515-SEX-CODE	PIC X(01)	
05 515-EAID-RPT-ORG-FLAG	PIC X(01)	
05 515-RQN-OVERRIDE-SYS-DESIG	PIC X(02)	
05 515-FCD-OUTPUT-CODE	PIC X(01)	

05 515-FCD-FORCE-CODE	PIC X(01)	
05 515-PRINT-FLAG	PIC X(01)	
05 515-RQN-OVERRIDE-RID	PIC X(03)	
05 515-APPLICATION-CODE	PIC X(02)	
05 515-TYPE-LEVEL-FLAG	PIC X(01)	
05 515-SRD	PIC X(03)	
05 515-ISSL-LOAD-DATE	PIC X(07)	
05 515-ISSL-ACTIVATION-DATE	PIC X(07)	Note 1
05 515-ISSL-EXPIRATION-DATE	PIC X(07)	Note 2
05 515-REVIEW-DATE	PIC 9(07) USAGE IS COMP	
05 515-TYPE-SRAN	PIC X(01)	
05 515-FILLER	PIC X(43)	
<b>Note:</b> 1. Activation date equals date when 1XT530 input is processed. 2. Expiration date will be 3 years from activation date.		

### 11.12. Organization Cost Center 001-099 Record (516).

11.12.1. Purpose. To serve as the storage media for initial supply inventory transactions. It does not contain customer expense data.

11.12.1.1. Access. The ORG-COST-CENTER-000-099 record is accessed in a direct mode. It is not an owner or member record in any set. The two parameters that must be initialized before accessing this record are as follows:

11.12.1.1.1. OCCR-KEY.

11.12.1.1.2. SUPRT-AREA-NAME. **Note:** The RID-DODAAC-KEY key consists of the following:

11.12.1.1.2.1. PAGE-NUM (11-13)

11.12.1.1.2.2. RECORD-NUM (1-33)

11.12.1.2. Size and Location. This fixed record length is 40 words and resides in the SUPRT-GV area of the SBSS database.

11.12.2. Record Description. The description of the ORG-COST-CENTER-001-099 record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.11. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
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05 516-ORG-CODE	PIC 9(03) USAGE IS COMP	
05 516-DLADS-LOT-FLAG	PIC X(01)	
05 516-MAJCOM-CODE	PIC X(02)	
05 516-TYPE-ORG-CODE	PIC X(01)	
05 516-ORGANIZATION-TITLE	PIC X(22)	
05 516-HOST-SRAN	PIC X(06)	
05 516-BULK-ISSUE-FLAG	PIC X(01)	
05 516-PARCEL-POST-FREIGHT-ADDR	PIC X(22)	
05 516-FAD-CODE	PIC 9(01) USAGE IS COMP	
05 516-DELIVERY-DESTINATION	PIC X(03)	
05 516-M-AND-S-GROUP1	PIC X(01)	
05 516-M-AND-S-GROUP2	PIC X(01)	
05 516-M-AND-S-GROUP3	PIC X(01)	
05 516-M-AND-S-STOCK-B-E	PIC X(01)	
05 516-M-AND-S-GROUP-1	PIC X(01)	
05 516-M-AND-S-GROUP-2	PIC X(01)	
05 516-M-AND-S-GROUP-3	PIC X(01)	1
05 516-M-AND-S-STOCK-C	PIC X(01)	1
05 516-M-AND-S-GROUP1-K	PIC X(01)	1
05 516-M-AND-S-GROUP2-K	PIC X(01)	1
05 516-M-AND-S-GROUP3-K	PIC X(01)	1
05 516-M-AND-S-STOCK-K	PIC X(01)	1
05 516-M-AND-S-GROUP1-P	PIC X(01)	1
05 516-M-AND-S-GROUP2-P	PIC X(01)	1
05 516-M-AND-S-GROUP3-P	PIC X(01)	1
05 516-M-AND-S-STOCK-P	PIC X(01)	
05 516-SAT-PROCUREMENT-CAP	PIC X(01)	
05 516-SRAN-OF-SERVICING-DLADS	PIC X(06)	
05 516-ADDRESS-OF-SERVICING-DLADS	PIC X(22)	

05 516-DLADS-TMO-DELIVERY-FLAG	PIC X(01)	2
05 516-DATE-OF-LAST-UPDATE	PIC 9(07) USAGE IS COMP	
05 516-ZIP-CODE	PIC 9(09) USAGE IS COMP	
05 516-ZIP-OF-SERVICING-DLADS	PIC 9(09) USAGE IS COMP	
<b>Note:</b> 1. This field pertains only to organization codes 041-069. 2. TMO is the old terminology for Cargo Movement.		

### 11.13. Mission Change Gain Data (517).

11.13.1. Purpose. To provide constant data and change factor data by SRD for mission change gain (1SD) inputs.

11.13.1.1. Access. The MISSION-CHANGE-GAIN-DATA record is accessed in a direct mode. It is not an owner or member record in any set. The two parameters that must be initialized before accessing this record are as follows:

11.13.1.1.1. OCCR-KEY.

11.13.1.1.2. SUPRT-AREA-NAME. **Note:** The OCCR-KEY key consists of the following:

11.13.1.1.2.1. PAGE-NUM (05)

11.13.1.1.2.2. RECORD-NUM (02)

11.13.1.2. Size and Location. This fixed record length is 127 words and resides in the SUPRT-AREA area of the SBSS database.

11.13.2. Record Description. The description of the MISSION-CHANGE-GAIN-DATA record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.12. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 517-MISSION-CHANGE-LOAD		
10 517-TYPE-LEVEL-FLAG	PIC X(01)	
10 517-MAJCOM-CODE	PIC X(02)	
10 517-MISSION-CHANGE-DIRECTED-BY	PIC X(01)	
10 517-LVL-DETAIL-EFFECTIVE-DATE	PIC S9(07)	

	USAGE IS COMP	
10 517-MSN-CHANGE-EFFECTIVE-DATE	PIC S9(07) USAGE IS COMP	
10 517-SYS-DESIG	PIC X(02)	
10 517-APPLICATION-CODE	PIC X(02)	
10 517-EEX-CODE	PIC X(01)	
10 517-IEX-CODE	PIC X(01)	
10 517-REX-CODE	PIC X(01)	
10 517-SEX-CODE	PIC X(01)	
10 517-FCF-FORCE-CODE	PIC X(01)	
10 517-RQN-ACTION-FLAG	PIC X(01)	
10 517-MEDIA-STATUS-CODE	PIC X(01)	
10 517-SUPP-ADDRESS	PIC X(06)	
10 517-ADVICE-CODE	PIC X(02)	
10 517-RQN-PRIORITY	PIC X(02)	
10 517-REQUIRED-DEL-DATE	PIC X(03)	
10 517-PROJECT-CODE	PIC X(03)	
10 517-RQMTS-COMPUTATION-FLAG	PIC X(01)	
10 517-RQN-OVERRIDE-SYS-DESIG	PIC X(02)	
10 517-RQN-OVERRIDE-RID	PIC X(03)	
10 517-SRAN-WHERE-DATA-COLLECTED	PIC X(04)	
10 517-APPLICATION	PIC X(10)	
10 517-SUPPRESS-SNUD-ADD-FLAG	PIC X(01)	
10 517-PBR-OVERRIDE	PIC X(01)	
10 517-FACTOR-COMPUTATIONS-FLAG	PIC X(01)	
10 517-ACTION-FILE-MAINT	PIC X(01)	
10 517-CONTROL-FLAG	PIC X(01)	
05 517-SRD-CHANGE-FACTORS	OCCURS 39 TIMES	Note
10 517-SRD	PIC X(03)	
10 517-CHANGE-FACTOR	PIC S9(05)	

	USAGE IS COMP	
05 517-MAJOR-FACTOR-MULTIPLIER	PIC S9(05) USAGE IS COMP	
05 517-NBR-ITEM-RECORD-RELEVELING	PIC S9(05) USAGE IS COMP	
05 517-NBR-DETAIL-TCDS-UPDATED	PIC S9(05) USAGE IS COMP	
05 517-CHANGE-EXISTING-DETAILS		
10 517-DETAIL-SRAN-WHERE-COLLECT	PIC X(04)	
10 517-DETAIL-APPLICATION	PIC X(10)	
10 517-DETAIL-LOAD-DATE	PIC 9(07)	
10 517-DETAIL-EFFECTIVE-DATE	PIC 9(07) USAGE IS COMP	Tasking document
10 517-DETAIL-MSN-SUPT-EFF-DATE	PIC 9(07) USAGE IS COMP	
10 517-DETAIL-TYPE-LEVEL-CODE	PIC X(01)	
10 517-CHANGE-TO-APPLICATION	PIC X(10)	Tasking document
10 517-CHANGE-TO-LVL-DIRECTED-BY	PIC X(01)	
10 517-CHANGE-TO-MAJCOM-CODE	PIC X(02)	
10 517-CHANGE-TO-DETAIL-EFF-DATE	PIC S9(07) USAGE IS COMP	
10 517-CHG-TO-MSN-SUPT-EFF-DATE	PIC S9(07) USAGE IS COMP	
10 517-RELEVELING-FLAG	PIC X(01)	
10 517-SRD-PARAMETER-FLAG	PIC X(01)	
10 517-FACTOR-COMPUTATION-FLAG	PIC X(01)	
10 517-CONTROL-FLAG-2	PIC X(01)	
05 517-SRD-CHANGE-FACTORS-2	OCCURS 39 TIMES	Note 1
10 517-SRD-2	PIC X(03)	
10 517-CHANGE-FACTOR-2	PIC S9(05) USAGE IS COMP	

05 517-MAVED-FACTOR-MULTIPLIER-2	PIC S9(05) USAGE IS COMP	
05 517-NBR-ITEM-RECORD-RELEVEL-2	PIC S9(05) USAGE IS COMP	
05 517-NBR-DETAIL-TCDS-UPDATED-2	PIC S9(05) USAGE IS COMP	

**Note:**

1. The 39 occurrences of the 517-SRD-CHANGE-FACTORS field are as follows:

- a. (1) 1st SRD-CHANGE-FACTOR
- b. (2) 2nd SRD-CHANGE-FACTOR
- c. (3) 3rd SRD-CHANGE-FACTOR
- d. (4) 4th SRD-CHANGE-FACTOR
- e. (5) 5th SRD-CHANGE-FACTOR
- f. (6) 6th SRD-CHANGE-FACTOR
- g. (7) 7th SRD-CHANGE-FACTOR
- h. (8) 8th SRD-CHANGE-FACTOR
- i. (9) 9th SRD-CHANGE-FACTOR
- j. (10) 10th SRD-CHANGE-FACTOR
- k. (11) 11th SRD-CHANGE-FACTOR
- l. (12) 12th SRD-CHANGE-FACTOR
- m. (13) 13th SRD-CHANGE-FACTOR
- n. (14) 14th SRD-CHANGE-FACTOR
- o. (15) 15th SRD-CHANGE-FACTOR
- p. (16) 16th SRD-CHANGE-FACTOR
- q. (17) 17th SRD-CHANGE-FACTOR
- r. (18) 18th SRD-CHANGE-FACTOR
- s. (19) 19th SRD-CHANGE-FACTOR
- t. (20) 20th SRD-CHANGE-FACTOR
- u. (21) 21st SRD-CHANGE-FACTOR
- v. (22) 22nd SRD-CHANGE-FACTOR
- w. (23) 23rd SRD-CHANGE-FACTOR
- x. (24) 24th SRD-CHANGE-FACTOR

y. (25) 25th SRD-CHANGE-FACTOR  
 z. (26) 26th SRD-CHANGE-FACTOR  
 aa. (27) 27th SRD-CHANGE-FACTOR  
 ab. (28) 28th SRD-CHANGE-FACTOR  
 ac. (29) 29th SRD-CHANGE-FACTOR  
 ad. (30) 30th SRD-CHANGE-FACTOR  
 ae. (31) 31st SRD-CHANGE-FACTOR  
 af. (32) 32nd SRD-CHANGE-FACTOR  
 ag. (33) 33rd SRD-CHANGE-FACTOR  
 ah. (34) 34th SRD-CHANGE-FACTOR  
 ai. (35) 35th SRD-CHANGE-FACTOR  
 aj. (36) 36th SRD-CHANGE-FACTOR  
 ak. (37) 37th SRD-CHANGE-FACTOR  
 al. (38) 38th SRD-CHANGE-FACTOR  
 am. (39) 39th SRD-CHANGE-FACTOR

#### 11.14. Organization Cost Center 100-999 Record (518).

11.14.1. Purpose. To show the net dollar value of materiel transactions for base-supported organizations. A separate record must be maintained for each organization (that is, each cost center) for accumulating the expense data at the cost center level. This record is subsidiary to the project fund management record (PFMR), which is usually at the responsibility center level.

11.14.1.1. Financial Data. Each record contains specific financial data. The fields indicate budget targets and unfunded due-outs according to supplies and equipment, and they indicate net issues and due-outs according to the fiscal year and the element of expense (EEIC). Organization cost center records (OCCRs) 100-999, except 920, are the basic records for reporting obligations (that is, expenses and obligated due-outs) in the accounting system for operations (system code BQ).

11.14.1.2. Organization Information. Besides containing financial data, this record contains certain constant organization descriptive information such as parcel post address and force activity designator.

11.14.1.3. Loading Responsibilities. Since this record contains both financial data and organization descriptive information, loading the correct data is a joint responsibility of the Supply and A&F functions. Specifically, the responsibilities are as follows:

**Table 11.13. Loading Responsibilities.**

FIELD	TRIC	RESPONSIBILITY
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Fields 1-11, through Delivery Destination on Base	FOR	Supply (See AFH 23-123, Vol 2, Pt 2, Ch 8, for the format of TRIC FOR.)
PFMR Codes and Cost Center Codes	FOR	Supply (data obtained from A&F)
Supply Effectiveness	ISU, DUO, DOR, etc.	Supply (updated by program NGV804/D04)
Issues/Due-Out Financial Data-Transactions	NA	A&F (updated during end-of-day processing by program NGV969/D11)
Target (load, increase, or decrease)	ORG	A&F (based on budget data)
Issue/Due-Out Financial Data-Adjustments (increase or decrease)	ORG	A&F

11.14.1.4. Size and Location. This fixed record length is 318 words and resides in the PFMR-GV area of the SBSS database. This record is accessed via the ORG-Record (Primary Path) set whose owner is the ORG-COST-CENTER-HDR, or through set PFMR-OCR whose owner is the PROJECT-FUNDS-MGT-RECORD.

11.14.2. Record Description. The description of the ORG-COST-CENTER-100-999 record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.14. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 518-ORG-CODE	PIC X(03)	
05 518-CAMS-GANG-NBR	PIC X(01)	
05 518-MAJCOM-CODE	PIC X(02)	
05 518-TYPE-ORG-CODE	PIC X(01)	
05 518-ORGANIZATION-TITLE	PIC X(22)	
05 518-ORG-IDENT-CODE	PIC X(12)	
05 518-OFF-BASE-FLAG	PIC X(01)	
05 518-EAID-RPT-ORG-FLAG	PIC X(01)	
05 518-COMMUNICATION-AREA-CODE	PIC X(01)	
05 518-PARCEL-POST-FREIGHT-ADDR	PIC X(22)	
05 518-FAD-CODE	PIC 9(01) USAGE IS COMP	
05 518-DELIVERY-DESTINATION	PIC X(03)	
05 518-GEOLOC	PIC X(04)	
05 518-PFMR-CODE	PIC 9(03)	

	USAGE IS COMP	
05 518-RC-CC	PIC X(06)	
05 518-SYS-DESIG	PIC X(02)	
05 518-EXPENSE-CARD-OUTPUT-FLAG	PIC X(01)	
05 518-BENCH-STOCK-LI-AUTH	PIC 9(02) USAGE IS COMP	
05 518-BENCH-STOCK-PRINT-FLAG	PIC X(01)	
05 518-AWP-DELIVERY-DESTINATION	PIC X(03)	
05 518-COST-SYS-IND	PIC X(01)	Note 1
05 518-FUND-CODE	PIC X(02)	
05 518-FISCAL-YEAR	PIC X(04)	Note 1
05 518-OAC-OBAN	PIC X(04)	Note 1
05 518-MFP	PIC X(06)	Note 1
05 518-ESP-CODE	PIC X(02)	Note 1
05 518-DEBTOR-CODE	PIC X(03)	Note 1
05 518-MAINT-UNIT-IDENT-CODE	PIC X(01)	
05 518-USING-MAJCOM-CODE	PIC X(02)	
05 518-GAINING-MAJCOM-CODE	PIC X(02)	
05 518-MDS	PIC X(07)	
05 518-SUB-MAJCOM-CODE	PIC X(01)	
05 518-BENCH-STOCK-LINE-ITEMS-MRA	PIC X(04)	
05 518-BENCH-STOCK-LINE-ITEMS	PIC X(04)	
05 518-BENCH-STK-CONSOL-ORG-SHOP	PIC X(05)	
05 518-BENCH-STOCK-STOCKAGE-DAYS	PIC 9(02) USAGE IS COMP	
05 518-MULTIPLE-USE-FLAG	PIC X(01)	Note 2
05 518-JOCAS-FLAG	PIC X(01)	
05 518-ZIP-CODE	PIC X(09)	
05 518-TYPE-MAINT-FLAG	PIC X(01)	
05 518-DESIG-DMA-REIMB	PIC X(01)	
05 518-DESIG-HQAMC-FSS-FLAG	PIC X(01)	



05 518-BS-DOLLAR-THRESHOLD	PIC X(10)	
05 518-ALN-OF-MAINT-ADS	PIC X(04)	
05 518-DATE-OF-LAST-UPDATE	PIC 9(07) USAGE IS COMP	
05 518-FREEZE-DELETE-FLAG	PIC X(01)	
05 518-TARGET-SUPPLIES	PIC S9(10) V99 USAGE IS COMP	
05 518-TARGET-EQUIP	PIC S9(10) V99 USAGE IS COMP	
05 518-1PFY-OBLIGATED-DUO		
10 518-1PFY-OBLIG-DUO-600	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-OBLIG-DUO-602	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-OBLIG-DUO-609	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-OBLIG-DUO-628	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-OBLIG-DUO-605	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-OBLIG-DUO-627	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-OBLIG-DUO-6X2	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-OBLIG-DUO-6X3	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-OBLIG-DUO-6X4	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-CUR-PERIOD-NET-CHG		
15 518-3PFY-CM-NET-SALES-600	PIC S9(10) V99 USAGE IS COMP	

15 518-3PFY-CM-NET-SALES-602	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-NET-SALES-609	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-NET-SALES-628	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-NET-SALES-605	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-NET-SALES-627	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-NET-SALES-6X2	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-NET-SALES-6X3	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-NET-SALES-6X4	PIC S9(10) V99 USAGE IS COMP	
05 518-CFY-OBLIG-DUO		
10 518-CFY-OBLIG-DUO-600	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-OBLIG-DUO-602	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-OBLIG-DUO-609	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-OBLIG-DUO-628	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-OBLIG-DUO-605	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-OBLIG-DUO-627	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-OBLIG-DUO-6X2	PIC S9(10) V99 USAGE IS COMP	

10 518-CFY-OBLIG-DUO-6X3	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-OBLIG-DUO-6X4	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-CM-OBLIG-DUO-NET-CHG		
15 518-CFY-CM-OBLIG-DUO-NC-	PIC S9(10) V99 USAGE IS COMP	
15 518-CFY-CM-OBLIG-DUO-NC-	PIC S9(10) V99 USAGE IS COMP	
15 518-CFY-CM-OBLIG-DUO-NC-	PIC S9(10) V99 USAGE IS COMP	
15 518-CFY-CM-OBLIG-DUO-NC-	PIC S9(10) V99 USAGE IS COMP	
15 518-CFY-CM-OBLIG-DUO-NC-	PIC S9(10) V99 USAGE IS COMP	
15 518-CFY-CM-OBLIG-DUO-NC-	PIC S9(10) V99 USAGE IS COMP	
15 518-CFY-CM-OBLIG-DUO-NC-	PIC S9(10) V99 USAGE IS COMP	
15 518-CFY-CM-OBLIG-DUO-NC-	PIC S9(10) V99 USAGE IS COMP	
15 518-CFY-CM-OBLIG-DUO-NC-	PIC S9(10) V99 USAGE IS COMP	
05 518-PRIOR-YEARS-CM-NET-SALES		
10 518-2PFY-CM-NET-SALES-600	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-CM-NET-SALES-602	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-CM-NET-SALES-609	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-CM-NET-SALES-628	PIC S9(10) V99	

	USAGE IS COMP	
10 518-2PFY-CM-NET-SALES-605	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-CM-NET-SALES-627	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-CM-NET-SALES-6X2	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-CM-NET-SALES-6X3	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-CM-NET-SALES-6X4	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-CM-NET-SALES-600	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-CM-NET-SALES-602	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-CM-NET-SALES-609	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-CM-NET-SALES-628	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-CM-NET-SALES-605	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-CM-NET-SALES-627	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-CM-NET-SALES-6X2	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-CM-NET-SALES-6X3	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-CM-NET-SALES-6X4	PIC S9(10) V99 USAGE IS COMP	
05 518-CUR-YEAR-NET-SALES		
10 518-CFY-NET-SALES-600	PIC S9(10) V99	

	USAGE IS COMP	
10 518-CFY-NET-SALES-602	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-NET-SALES-609	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-NET-SALES-628	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-NET-SALES-605	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-NET-SALES-627	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-NET-SALES-6X2	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-NET-SALES-6X3	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-NET-SALES-6X4	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-CM-NET-SALES-600	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-CM-NET-SALES-602	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-CM-NET-SALES-609	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-CM-NET-SALES-628	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-CM-NET-SALES-605	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-CM-NET-SALES-627	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-CM-NET-SALES-6X2	PIC S9(10) V99 USAGE IS COMP	

10 518-CFY-CM-NET-SALES-6X3	PIC S9(10) V99 USAGE IS COMP	
10 518-CFY-CM-NET-SALES-6X4	PIC S9(10) V99 USAGE IS COMP	
05 518-M-CM-NET-SALES		
10 518-M-CM-NET-SALES-600	PIC S9(10) V99 USAGE IS COMP	
10 518-M-CM-NET-SALES-602	PIC S9(10) V99 USAGE IS COMP	
10 518-M-CM-NET-SALES-609	PIC S9(10) V99 USAGE IS COMP	
10 518-M-CM-NET-SALES-628	PIC S9(10) V99 USAGE IS COMP	
10 518-M-CM-NET-SALES-605	PIC S9(10) V99 USAGE IS COMP	
10 518-M-CM-NET-SALES-627	PIC S9(10) V99 USAGE IS COMP	
10 518-M-CM-NET-SALES-6X2	PIC S9(10) V99 USAGE IS COMP	
10 518-M-CM-NET-SALES-6X3	PIC S9(10) V99 USAGE IS COMP	
10 518-M-CM-NET-SALES-6X4	PIC S9(10) V99 USAGE IS COMP	
05 518-NET-SALES-FUELS		
10 518-CUMLTV-UTL-EEIC-642	PIC S9(10) V99 USAGE IS COMP	
10 518-CUMLTV-NO-FLY-EEIC-693	PIC S9(10) V99 USAGE IS COMP	
10 518-CUMLTV-GROUND-EEIC-641	PIC S9(10) V99 USAGE IS COMP	
10 518-CUR-PERIOD-UTL-EEIC-642	PIC S9(10) V99	

	USAGE IS COMP	
10 518-CUR-PERIOD-NO-FLY-EEIC-693	PIC S9(10) V99 USAGE IS COMP	
10 518-CUR-PERIOD-GROUND-EEIC-641	PIC S9(10) V99 USAGE IS COMP	
05 518-UNOB-DUO-GSD-SUPPLIES	PIC S9(10) V99 USAGE IS COMP	
05 518-UNOB-DUO-GSD-EQUIP	PIC S9(10) V99 USAGE IS COMP	
05 518-UNOB-DUO-SSD	PIC S9(10) V99 USAGE IS COMP	
05 518-UNOB-DUO-CLO	PIC S9(10) V99 USAGE IS COMP	
05 518-UNFUNDED-DUO-SUPPLIES	PIC S9(10) V99 USAGE IS COMP	
05 518-UNFUNDED-DUO-EQUIP	PIC S9(10) V99 USAGE IS COMP	
05 518-NON-REIMBURSEABLE-ISSUES		
10 518-NET-SUPPLIES	PIC S9(10) V99 USAGE IS COMP	
10 518-NET-EQUIP	PIC S9(10) V99 USAGE IS COMP	
05 518-NET-INVESTMENT-ISSUES	PIC S9(10) V99 USAGE IS COMP	
05 518-FORCED-SALES		
10 518-OBLIGATED-DUO-SUPPLIES	PIC S9(10) V99 USAGE IS COMP	
10 518-OBLIGATED-DUO-EQUIP	PIC S9(10) V99 USAGE IS COMP	
05 518-ISSUES	PIC S9(05)	
05 518-DUO	PIC S9(05)	

	USAGE IS COMP	
05 518-DOR-ON-TIME	PIC S9(05) USAGE IS COMP	
05 518-DOR-DELAYED	PIC S9(05) USAGE IS COMP	
05 518-DUO-NOT-AUTH-STOCK	PIC S9(05) USAGE IS COMP	
05 518-DUO-CANCELLED	PIC S9(05) USAGE IS COMP	
05 518-NET-TRANS-SUPPLY	PIC S9(10) V99 USAGE IS COMP	
05 518-NET-TRANS-EQUIPMENT	PIC S9(10) V99 USAGE IS COMP	
05 518-NEW-SALES-CODE	PIC X(03)	
05 518-XF3-UNSERV-TURN-IN	PIC S9(10) V99 USAGE IS COMP	
05 518-1PFY-TARGET-SUPPLY	PIC S9(10) V99 USAGE IS COMP	
05 518-2PFY-TARGET-SUPPLY	PIC S9(10) V99 USAGE IS COMP	
05 518-3PFY-TARGET-SUPPLY	PIC S9(10) V99 USAGE IS COMP	
05 518-1PFY-TARGET-EQUIP	PIC S9(10) V99 USAGE IS COMP	
05 518-2PFY-TARGET-EQUIP	PIC S9(10) V99 USAGE IS COMP	
05 518-3PFY-TARGET-EQUIP	PIC S9(10) V99 USAGE IS COMP	
05 518-PFY-OBLIG-DUO		
10 518-2PFY-OBLIG-DUO-600	PIC S9(10) V99 USAGE IS COMP	



10 518-3PFY-OBLIG-DUO-600	PIC S9(10) V99 USAGE IS COMP	
10 518-M-OBLIG-DUO-600	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-OBLIG-DUO-602	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-OBLIG-DUO-602	PIC S9(10) V99 USAGE IS COMP	
10 518-M-OBLIG-DUO-602	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-OBLIG-DUO-605	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-OBLIG-DUO-605	PIC S9(10) V99 USAGE IS COMP	
10 518-M-OBLIG-DUO-605	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-OBLIG-DUO-609	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-OBLIG-DUO-609	PIC S9(10) V99 USAGE IS COMP	
10 518-M-OBLIG-DUO-609	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-OBLIG-DUO-628	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-OBLIG-DUO-628	PIC S9(10) V99 USAGE IS COMP	
10 518-M-OBLIG-DUO-628	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-OBLIG-DUO-627	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-OBLIG-DUO-627	PIC S9(10) V99	

	USAGE IS COMP	
10 518-M-OBLIG-DUO-627	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-OBLIG-DUO-6X2	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-OBLIG-DUO-6X2	PIC S9(10) V99 USAGE IS COMP	
10 518-M-OBLIG-DUO-6X2	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-OBLIG-DUO-6X3	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-OBLIG-DUO-6X3	PIC S9(10) V99 USAGE IS COMP	
10 518-M-OBLIG-DUO-6X3	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-OBLIG-DUO-6X4	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-OBLIG-DUO-6X4	PIC S9(10) V99 USAGE IS COMP	
10 518-M-OBLIG-DUO-6X4	PIC S9(10) V99 USAGE IS COMP	
10 518-CM-OBLIG-DUO-NET-CHANGE		
15 518-1PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-2PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-M-CM-OBLIG-DUO-NC-600	PIC S9(10) V99 USAGE IS COMP	
15 518-1PFY-CM-OBLIG-DUO-	PIC S9(10) V99	

	USAGE IS COMP	
15 518-2PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-M-CM-OBLIG-DUO-NC-602	PIC S9(10) V99 USAGE IS COMP	
15 518-1PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-2PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-M-CM-OBLIG-DUO-NC-605	PIC S9(10) V99 USAGE IS COMP	
15 518-1PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-2PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-M-CM-OBLIG-DUO-NC-609	PIC S9(10) V99 USAGE IS COMP	
15 518-1PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-2PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-M-CM-OBLIG-DUO-NC-628	PIC S9(10) V99 USAGE IS COMP	

15 518-1PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-2PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-M-CM-OBLIG-DUO-NC-627	PIC S9(10) V99 USAGE IS COMP	
15 518-1PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-2PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-M-CM-OBLIG-DUO-NC-6X2	PIC S9(10) V99 USAGE IS COMP	
15 518-1PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-2PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-M-CM-OBLIG-DUO-NC-6X3	PIC S9(10) V99 USAGE IS COMP	
15 518-1PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-2PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-3PFY-CM-OBLIG-DUO-	PIC S9(10) V99 USAGE IS COMP	
15 518-M-CM-OBLIG-DUO-NC-6X4	PIC S9(10) V99	

	USAGE IS COMP	
05 518-PRIOR-YEARS-NET-SALES		
10 518-1PFY-NET-SALES-600	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-NET-SALES-600	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-NET-SALES-600	PIC S9(10) V99 USAGE IS COMP	
10 518-M-NET-SALES-600	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-NET-SALES-602	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-NET-SALES-602	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-NET-SALES-602	PIC S9(10) V99 USAGE IS COMP	
10 518-M-NET-SALES-602	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-NET-SALES-605	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-NET-SALES-605	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-NET-SALES-605	PIC S9(10) V99 USAGE IS COMP	
10 518-M-NET-SALES-605	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-NET-SALES-609	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-NET-SALES-609	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-NET-SALES-609	PIC S9(10) V99	

	USAGE IS COMP	
10 518-M-NET-SALES-609	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-NET-SALES-628	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-NET-SALES-628	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-NET-SALES-628	PIC S9(10) V99 USAGE IS COMP	
10 518-M-NET-SALES-628	PIC S9(10) V99 USAGE IS COMP	
10 518-1PFY-NET-SALES-627	PIC S9(10) V99 USAGE IS COMP	
10 518-2PFY-NET-SALES-627	PIC S9(10) V99 USAGE IS COMP	
10 518-3PFY-NET-SALES-627	PIC S9(10) V99 USAGE IS COMP	
10 518-M-NET-SALES-627	PIC 9(10) V99 USAGE IS COMP	
10 518-1PFY-NET-SALES-6X2	PIC 9(10) V99 USAGE IS COMP	
10 518-2PFY-NET-SALES-6X2	PIC 9(10) V99 USAGE IS COMP	
10 518-3PFY-NET-SALES-6X2	PIC 9(10) V99 USAGE IS COMP	
10 518-M-NET-SALES-6X2	PIC 9(10) V99 USAGE IS COMP	
10 518-1PFY-NET-SALES-6X3	PIC 9(10) V99 USAGE IS COMP	
10 518-2PFY-NET-SALES-6X3	PIC 9(10) V99 USAGE IS COMP	

10 518-3PFY-NET-SALES-6X3	PIC 9(10) V99 USAGE IS COMP	
10 518-M-NET-SALES-6X3	PIC 9(10) V99 USAGE IS COMP	
10 518-1PFY-NET-SALES-6X4	PIC 9(10) V99 USAGE IS COMP	
10 518-2PFY-NET-SALES-6X4	PIC 9(10) V99 USAGE IS COMP	
10 518-3PFY-NET-SALES-6X4	PIC 9(10) V99 USAGE IS COMP	
10 518-M-NET-SALES-6X4	PIC 9(10) V99 USAGE IS COMP	
05 518-CUM-EXP		
10 518-CUM1	PIC S9(10) V99 USAGE IS COMP	
10 518-CUM2	PIC S9(10) V99 USAGE IS COMP	
05 518-FUEL-EXP		
10 518-FUEL1	PIC S9(10) V99 USAGE IS COMP	
10 518-FUEL2	PIC S9(10) V99 USAGE IS COMP	
05 518-UNOBL-EXP		
10 518-DO-EXP1	PIC S9(10) V99 USAGE IS COMP	
10 518-DO-EXP2	PIC S9(10) V99 USAGE IS COMP	
05 518-FORCED-SALES-EXP		
10 518-FORCED-EXP1	PIC S9(10) V99 USAGE IS COMP	
10 518-FORCED-EXP2	PIC S9(10) V99	

	USAGE IS COMP	
05 518-FLAG-1	PIC X(01)	
05 518-FLAG-2	PIC X(01)	
05 518-FLAG-3	PIC X(01)	
05 518-FAD-OVERRIDE-FLAG	PIC X(01)	
05 518-DBOF-FLAG	PIC X(01)	
<b>Note:</b> 1. This information is taken from the project fund management report (PFMR) and entered in these positions when M03 is processed. 2. This field contains the ICBM maintenance activity designator, Defense Mapping Agency (DMA), reimbursement designator, or Air Mobility Command (AMC) FSS flag.		

### 11.15. Shipping Destination Record (519).

11.15.1. Purpose. To indicate addressing information for use on shipments. This record is established and maintained at base level.

11.15.1.1. Access. The SHIPPING-DESTINATION record is not an owner or member record in any set. This record is accessed through the SBLC randomization routine, DMSCALC. The two parameters that must be initialized before accessing this record are as follows:

11.15.1.1.1. 519-SHIP-TO-ACCOUNT-CODE.

11.15.1.1.2. MISC-AREA-NAME.

11.15.1.2. Size and Location. This fixed record length is 49 words and resides in the MISC-GV area of the SBSS database.

11.15.2. Record Description. The description of the SHIPPING-DESTINATION record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.15. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 519-RID	PIC X(03)	
05 519-PPMR-FLAG	PIC X(01)	
05 519-SHIP-TO-SRAN	PIC X(06)	
05 519-DEPOT-CONTRACTOR-NAME	PIC X(40)	
05 519-ACCOUNTABLE-ACCOUNT-NBR	PIC X(06)	
05 519-STREET-ADDRESS	PIC X(24)	
05 519-INSTALLATION-OR-CITY	PIC X(18)	



05 519-STATE-COUNTRY	PIC X(05)	
05 519-ZIP-CODE	PIC X(09)	
05 519-SHIPPING-DOCUMENT-FLAG	PIC X(01)	
05 519-SHIP-SUSPENSE-DETAIL-FLAG	PIC X(01)	
05 519-ACTIVITY-COLOCATED-FLAG	PIC X(01)	
05 519-DATE-OF-LAST-SHIPMENT	PIC 9(07) USAGE IS COMP	
05 519-REASON-LOADED-CODE	PIC X(01)	
05 519-FILLER-1	PIC X(08)	

### 11.16. Reports Sequence Control Record (520).

11.16.1. Purpose. To control the sequence of report preparation during end-of-day and end-of-month processing. This record is used by the reports analysis program. Program NGV898A sets all report run flags to a value of three as each job is completed. Program NGV898A uses a value which is prepositioned by the application/utility program (NGV801A for mandatory daily reports), to determine which run flag to set. Program NGV898C blanks daily report run flags when the RPTEON input is processed. Program NGV898C blanks monthly report run flags when the specific monthly management data report is processed. **Note:** Report run flags are not necessarily in report processing sequence.

11.16.1.1. Access. The REPORTS-SEQUENCE-CONTROL record does not participate as an owner or member of any set. The two parameters that must be initialized before accessing this record in a direct mode are as follows:

11.16.1.1.1. REP-SEQ-CNTL-KEY.

11.16.1.1.2. SUPRT-AREA-NAME. **Note:** The REP-SEQ-CNTL-KEY key is contained in SUPRT-AREA-KEYS record (015-RT-520). It consists of the following:

11.16.1.1.2.1. PAGE-NUM (03)

11.16.1.1.2.2. RECORD-NUM (08)

11.16.1.2. Size and Location. This fixed record length is 29 words and resides in the SUPRT-GV area of the SBSS database.

11.16.2. Record Description. The description of the REPORTS-SEQUENCE-CONTROL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.16. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 520-PROGRAM-RUN-FLAG	PIC 9(02) USAGE IS COMP OCCURS 99 TIMES	Note 1

05 520-Q04-QTRLY-OPTION-DATE	PIC 9(07) USAGE IS COMP	
05 520-Q05-QTRLY-OPTION-DATE	PIC 9(07) USAGE IS COMP	
05 520-S01-SEMI-ANNUAL-DATE	PIC 9(07) USAGE IS COMP	
05 520-LAST-EQUIP-REPORT-DATE	PIC 9(07) USAGE IS COMP	Note 2
05 520-841-CONSTANTS	PIC X(03)	Note 3
05 520-841-RUN-FLAG	PIC X(02)	Note 3
05 520-855-CONSTANTS	PIC X(03)	Note 3
05 520-855-RUN-FLAG	PIC 9(02) USAGE IS COMP	Note 3

**Notes:**

1. The 99 occurrences of the 520-PROGRAM-RUN-FLG field are as follows:

- a. (1) Reserved for future use
- b. (2) Reserved for future use
- c. (3) D03
- d. (4) D04
- e. (5) Reserved for future use.
- f. (6) D06
- g. (7) D07
- h. (8) D08
- i. (9) D09
- j. (10) D10
- k. (11) D11
- l. (12) D12
- m. (13) D13
- n. (14) D14
- o. (15) Reserved for future use
- p. (16) D16
- q. (17) D17

- r. (18) Reserved for future use
  - s. (19) D19
  - t. (20) D20
  - u. (21) D21
  - v. (22) D22
  - w. (23) D23
  - x. (24) Reserved for future use
  - y. (25) Reserved for future use.
  - z. (26) D26
  - aa. (27) Reserved for future use
  - ab. (28) D28
  - ac. (29) D29
  - ad. (30) Reserved for future use.
  - ae. (31) Reserved for future use
  - af. (32) D32
  - ag. (33) Reserved for future use
  - ah. (34) D34
  - ai. (35) D35
  - aj. (36) Reserved for future use
  - ak. (37) D37
  - al. (38) D38
  - am. (39) Reserved for future use.
  - an. (40-99) Reserved for future use
2. This field is updated by program NGV883/D16.
  3. These fields are K account program-run flags. These programs must be processed before the Monthly K Account Management Data Report (M25).

### **11.17. Daily Reject Suspense Record (521).**

11.17.1. Purpose. To identify rejected and suspended transactions for daily listing and management action. The Reject and Restore Program, program NGV215A, builds and stores a DAILY-REJECT-SUSPENSE record for each rejected transaction. The Cumulative Reject Processor, D818 (as outlined in AFH 23-122, Vol 2, Pt 2, Ch 7), establishes a record for each rejected image deleted from the database. These records are printed by the Base Supply Surveillance Report (D20/NGV821) during end-of-day processing. Part eight of the D20 report lists records reflecting 301 rejects; whereas, part nine lists those rejects deleted by D818.

11.17.1.1. Access. The DAILY-REJECT-SUSPENSE record is a member of the DLY-REJ set, whose owner is the DLY-REJECT-HEADER record. This record is accessed through the DLY-REJ-Set.

11.17.1.2. Size and Location. This fixed record length is 25 words and resides in the CUMRJ-GV area of the SBSS database.

11.17.2. Record Description. The description of the DAILY-REJECT-SUSPENSE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.17. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 521-INPUT-FUNCTION-NBR	PIC 9(03)	
05 521-SYS-DESIG	PIC X(02)	
05 521-REJECT-NBR	PIC 9(04)	
05 521-INPUT-IMAGE-REJECTED	PIC X(80)	
05 521-USERS-INITIALS	PIC X(04)	
05 521-FILLER-1	PIC X(06)	

#### **11.18. Cumulative Reject Suspense 1 Record (523).**

11.18.1. Purpose. To provide a record for maintaining data associated with rejects that are cumulative.

11.18.1.1. Access. This record is accessed via DMSCALC using the 523-CALC-Key which consist of the following:

11.18.1.1.1. Positions 1-3 = TRIC

11.18.1.1.2. Positions 4-5 = System Designator

11.18.1.1.3. Positions 6-19 = Document number

11.18.1.2. Size and Location. This fixed record length is 91 words and resides in the CUMRJ-GV area of the SBSS database.

11.18.2. Record Description. The description of the CUMULATIVE-REJECT-SU record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.18. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 523-FUNCTION-NBR	PIC X(03)	
05 523-SYS-DESIG	PIC X(02)	
05 523-NBR-TIMES-REJECTED	PIC 9(05) USAGE IS COMP	

05 523-REJECT-NBR	PIC 9(04) USAGE IS COMP	
05 523-DATE-OF-REJECT	PIC 9(07) USAGE IS COMP	
05 523-REJECTED-INPUT-IMAGE	PIC X(320)	
05 523-KEY-FLAG	PIC X(01)	
05 523-CALC-KEY	PIC X(19)	
05 523-USERS-INITIALS	PIC X(04)	

### 11.19. Inventory Accuracy Account K Special Record (526).

11.19.1. Purpose. To maintain inventory accuracy data for special inventories of K account assets.

11.19.1.1. Access. The INV-ACCR-ACCT-K-SPCL record is one of seven member records in the SD-INVACC set, whose owner is the SYSTEM-DESIGNATOR record. This record is accessed through the SD-INVACC set. It also participates as a member of the HDR-INVACC set, whose owner is the INV-ACCR-HEADER record, and it is stored through the HDR-INVACC set.

11.19.1.2. Size and Location. This fixed record length is 18 words and resides in the INVACC-GV area of the SBSS database.

11.19.2. Record Description. The description of the INV-ACCR-ACCT-K-SPCL record as it appears in the schema, subschema and DML/COBOL programs is as follows:

**Table 11.19. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 526-INVENTORY-GROUP-KSPL	OCCURS 02 TIMES	Note 1
10 526-KSPL-LINE-ITEMS-COUNTED	PIC S9(10) USAGE IS COMP	
10 526-KSPL-LINE-ITEMS-OVER	PIC S9(10) USAGE IS COMP	
10 526-KSPL-LINE-ITEMS-SHORT	PIC S9(10) USAGE IS COMP	
10 526-KSPL-RECORDED-BALANCE	PIC S9(10) USAGE IS COMP	Note 2
10 526-KSPL-DOL-VAL-RECORDED-BAL	PIC S9(08) V99 USAGE IS COMP	

10 526-KSPL-UNITS-OVER	PIC S9(10) USAGE IS COMP	
10 526-KSPL-DOLLARS-OVER	PIC S9(08) V99 USAGE IS COMP	
10 526-KSPL-UNITS-SHORT	PIC S9(10) USAGE IS COMP	
10 526-KSPL-DOLLARS-SHORT	PIC S9(08) V99 USAGE IS COMP	
<b>Notes:</b> 1. The two occurrences of the 526-INVENTORY-GROUP-KSPL field are as follows: a. (1) Repair Cycle b. (2) Economic Order Quantity (EOQ) 2. This field reflects the balance on the item record and/or detail record before any adjustment is made.		

### 11.20. Inventory Accuracy Account K Identity Change Record (527).

11.20.1. Purpose. To maintain inventory accuracy data for identity changes of K Account assets.

11.20.1.1. Access. The INV-ACCR-ACCT-K-IDCG record is one of seven member records in the SD-INVACC set, whose owner is the SYSTEM-DESIGNATOR record. This record is accessed through the SD-INVACC set. It also participates as a member of the HDR-INVACC set, whose owner is the INV-ACCR-HEADER record, and it is stored through the HDR-INVACC set.

11.20.1.2. Size and Location. This fixed record length is 18 words and resides in the INVACC-GV area of the SBSS database.

11.20.2. Record Description. The description of the INV-ACCR-ACCT-K-IDCG record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.20. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 527-INVENTORY-GROUP-KIDG	OCCURS 02 TIMES	Note 1
10 527-KIDG-LINE-ITEMS-COUNTED	PIC 9(10) USAGE IS COMP	
10 527-KIDG-LINE-ITEMS-OVER	PIC 9(10) USAGE IS COMP	

10 527-KIDG-LINE-ITEMS-SHORT	PIC 9(10) USAGE IS COMP	
10 527-KIDG-RECORDED-BALANCE	PIC 9(10) USAGE IS COMP	Note 2
10 527-KIDG-DOL-VAL-RECORDED-BAL	PIC 9(08) V99 USAGE IS COMP	
10 527-KIDG-UNITS-OVER	PIC 9(10) USAGE IS COMP	
10 527-KIDG-DOLLARS-OVER	PIC 9(08) V99 USAGE IS COMP	
10 527-KIDG-UNITS-SHORT	PIC 9(10) USAGE IS COMP	
10 527-KIDG-DOLLARS-SHORT	PIC 9(08) V99 USAGE IS COMP	

**Note:**

1. The two occurrences of the 527-INVENTORY-GROUP-KIDG field are as follows:
  - a. (1) Repair Cycle
  - b. (2) Economic Order Quantity (EOQ)
2. This field reflects the balance on the item record before the identity change action is taken.

**11.21. WHSE-Valid-Header (529).**

11.21.1. Purpose. To maintain the beginning and ending locations, system designator, and database key of its member location-validation records.

11.21.1.1. Access. This record is accessed via DMSCALC using the 529-CALC-Key, which consist of the following:

11.21.1.1.1. Positions 1-11 = Warehouse location from

11.21.1.1.2. Positions 12-22 = Warehouse location to

11.21.1.1.3. Positions 23-24 = System designator

11.21.1.2. Size and Location. This fixed record length is nine words and resides in the INVADJ-GV area of the SBSS database.

11.21.2. Record Description. The description of the WHSE-VALID-HEADER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.21. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 529-CALC-KEY	PIC X(24)	
05 529-SYS-DESIG	PIC X(02)	
05 529-DATE-HEADER-CREATED	PIC 9(07) USAGE IS COMP	
05 529-FILLER	PIC X(05)	

**11.22. Location Validation Record (530).**

11.22.1. Purpose. To maintain warehouse validation (FCS) data records.

11.22.1.1. Access. This record is accessed via DMSCALC using the 530-Warehouse-Location. It is also a member of the LOC-VAL set, whose owner is the WHSE-VALID-Header.

11.22.1.2. Size and Location. This fixed record length is 10 words and resides in the INVADJ-GV area of SBSS database.

11.22.2. Record Description. The description of the LOCATION-VALIDATION record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.22. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 530-FCS-IMAGE		
10 530-STOCK-NUMBER	PIC X(15)	
10 530-SYS-DESIG	PIC X(02)	
10 530-WAREHOUSE-LOCATION	PIC X(11)	
10 530-DEAD-LOCATION-FLAG	PIC X(01)	
05 530-WAREHOUSE-INPUT		
10 530-VALID-FLAG	PIC X(01)	
10 530-WLC	PIC X(01)	
05 530-RESERVED	PIC X(06)	

**11.23. CIC IRS EIC Header (531).**

11.23.1. Purpose. To maintain the beginning and ending warehouse locations and the system designator of its member records.

11.23.1.1. Access. This record is accessed via DMSCALC using the 531-CALC-Key. It is also the owner of the CIC-INV set. 531-CALC-Key consists of the following:

11.23.1.1.1. For Report R12, DOLI option only:



- 11.23.1.1.1.1. Positions 1-4 = DOLI
- 11.23.1.1.1.2. Positions 12-15 = DOLI
- 11.23.1.1.1.3. Positions 23-24 = System Designator
- 11.23.1.1.2. For Reports R12 and R17:
  - 11.23.1.1.2.1. Positions 1-11 = Warehouse Location From
  - 11.23.1.1.2.2. Positions 12-22 = Warehouse Location To
  - 11.23.1.1.2.3. Positions 23-24 = System Designator
- 11.23.1.1.3. For Reports R07, R14, R21, R25, R34, R43, R50, R52, R62, R63, and Q13:
  - 11.23.1.1.3.1. Positions 1-3 = Beginning Org
  - 11.23.1.1.3.2. Positions 4-5 = Beginning Shop
  - 11.23.1.1.3.3. Positions 6-8 = Ending Org
  - 11.23.1.1.3.4. Positions 9-10 = Ending Shop
  - 11.23.1.1.3.5. Positions 11-13 = Detail Record Number
  - 11.23.1.1.3.6. Positions 14-15 = System Designator
  - 11.23.1.1.3.7. Position 16 = Type SRAN (Q13 only)
- 11.23.1.2. Size and Location. This fixed record length is eight words and resides on the INVADJ-GV area of the SBSS database.
- 11.23.2. Record Description. The description of the CIC-1RS-EIC-HEADER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.23. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 531-CALC-KEY	PIC X(24)	
05 531-SYS-DESIG	PIC X(02)	
05 531-DATE-HEADER-CREATED	PIC 9(07) USAGE IS COMP	
05 531-FILLER	PIC X(04)	

**11.24. CIC 1RS EIC Inventory Record (532).**

- 11.24.1. Purpose. To maintain inventory count (CIC) data records.
  - 11.24.1.1. Access. This record is accessed via DMSCALC using 532-CALC-Key or via the CIC-INV set, whose owner is the CIC-1RS-EIC-Header. The 532-CALC-Key consists of the following:
    - 11.24.1.1.1. For Reports R12 and R17:

11.24.1.1.1.1. Positions 1-11 = Warehouse Location From

11.24.1.1.1.2. Positions 12-22 = Warehouse Location To

11.24.1.1.1.3. Positions 23-24 = System Designator

11.24.1.1.2. For Reports R07, R14, R21, R25, R34, R43, R50, R52, R62, R63, and Q13:

11.24.1.1.2.1. Positions 1-2 = System Designator

11.24.1.1.2.2. Positions 3-8 = First 6 positions of Document Number

11.24.1.1.2.3. Positions 9-12 = Last 4 positions of Document Number

11.24.1.1.2.4. Positions 13-22 = Positions 6 through 15 of Stock Number

11.24.1.1.2.5. Positions 23-24 = Blank

11.24.1.2. Size and Location. This fixed record length is 25 words and resides in the INVADJ-GV area of the SBSS database.

11.24.2. Record Description. The description of the CIC-1RS-EIC-INVENTORY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.24. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 532-CALC-KEY	PIC X(24)	
05 532-CIC-IMAGE		
10 532-TRIC	PIC X(03)	
10 532-STOCK-NUMBER	PIC X(15)	
10 532-SYS-DESIG	PIC X(02)	
10 532-QTY	PIC 9(08)	
10 532-RECORD-NUMBER	PIC X(03)	
10 532-DOCUMENT-NBR	PIC X(14)	
10 532-ERRCD	PIC X(03)	
10 532-UNIT-PRICE	PIC 9(10)	
10 532-TYPE-SRAN	PIC X(01)	
10 532-BUDGET-CODE	PIC X(01)	
10 532-SAMPLE-INV-CODE	PIC X(01)	
05 532-HHT-INPUT		
10 532-INVENTORY-COUNT	PIC 9(08)	
10 532-TEX-CODE-IN	PIC X(01)	

10 532-VALID-FLAG	PIC X(01)	
10 532-WLC	PIC X(01)	
05 532-RESERVED	PIC X(06)	

**11.25. IRC IRR HEADER (533).**

11.25.1. Purpose. To maintain the beginning and ending warehouse locations and the system designator of its member records.

11.25.1.1. Access. This record is accessed via DMSCALC using the 533-CALC-Key. It's also the owner of the 1RC-IRR-INV-set. The 533-CALC-Key consists of the following:

11.25.1.1.1. For reports R12 and R17:

11.25.1.1.1.1. Positions 1-11 = Warehouse location from

11.25.1.1.1.2. Positions 12-22 = Warehouse location to

11.25.1.1.1.3. Positions 23-24 = System designator

11.25.1.1.2. For reports R07, R14, R21, R25, R34, R43, R50, R52, R62, R63, and Q13 and for online TRIC 1GP, process against a detail record.

11.25.1.1.2.1. Positions 1-3 = Beginning Org

11.25.1.1.2.2. Positions 4-5 = Beginning Shop

11.25.1.1.2.3. Positions 6-8 = Ending Org

11.25.1.1.2.4. Positions 9-10 = Ending Shop

11.25.1.1.2.5. Positions 11-13 = Detail Record Number

11.25.1.1.2.6. Positions 14-15 = System Designator

11.25.1.1.3. For online TRIC 1GP, process against an item record. For an item record, the CALC key will be the same as the 101-CALC-KEY except it will be in positions 13-24 of the 533-CALC-Key.

11.25.1.2. Size and Location. This fixed record length is eight words and resides in the INVADJ area of the SBSS database.

11.25.2. Record Description. The description of the IRC-1RR-HEADER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.25. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 533-CALC-KEY	PIC X(24)	
05 533-SYS-DESIG	PIC X(02)	
05 533-DATE-HEADER-CREATED	PIC 9(07) USAGE IS COMP	

05 533-FILLER	PIC X(04)	
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**11.26. IRC Inventory Record (534).**

11.26.1. Purpose. To maintain inventory recount (IRC) data records.

11.26.1.1. Access. This record is accessed via DMSCALC using 534-CALC-Key. It's also a member of the IRC-IRR-INV set, whose owner is the IRC-IRR-Header. The 534-CALC-Key consists of the following:

11.26.1.1.1. For reports R12 and R17:

11.26.1.1.1.1. Positions 1-11 = Warehouse Location From

11.26.1.1.1.2. Positions 12-22 = Warehouse Location To

11.26.1.1.1.3. Positions 23-24 = System Designator

11.26.1.1.2. For reports R07, R14, R21, R25, R34, R43, R50, R52, R62, R63, and Q13 and for online TRIC 1GP, process against a detail record.

11.26.1.1.2.1. Positions 1-2 = System Designator

11.26.1.1.2.2. Positions 3-8 = First 6 positions of Document Number

11.26.1.1.2.3. Positions 9-12 = Last 4 positions of Document Number

11.26.1.1.2.4. Positions 13-22 = Positions 6 through 15 of Stock Number

11.26.1.1.2.5. Positions 23-24 = Blank

11.26.1.1.3. For online TRIC 1GP, process against an item record. For an item record, the CALC key will be the same as the 101-CALC-KEY except it will be in positions 13-24 of the 534-CALC-Key.

11.26.1.2. Size and Location. This fixed record length is 26 words and resides in the INVADJ area of the SBSS database.

11.26.2. Record Description. The description of the IRC-IRR-INVENTORY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.26. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 534-CALC-KEY	PIC X(24)	
05 534-IRC-IMAGE		
10 534-TRIC	PIC X(03)	
10 534-TYPE-ADJUSTMENT-CODE	PIC X(01)	
10 534-STOCK-NUMBER	PIC X(15)	
10 534-SYS-DESIG	PIC X(02)	
10 534-QTY	PIC 9(08)	

10 534-RECOUNT-RESEARCH-IND	PIC X(02)	
10 534-RECORD-NUMBER	PIC X(03)	
10 534-DOCUMENT-NBR	PIC X(14)	
10 534-ERRCD	PIC X(03)	
10 534-UNIT-PRICE	PIC 9(10)	
10 534-TYPE-SRAN	PIC X(01)	
10 534-BUDGET-CODE	PIC X(01)	
10 534-SAMPLE-INV-CODE	PIC X(01)	
05 534-HHT-INPUT		
10 534-INVENTORY-COUNT	PIC 9(08)	
10 534-TEX-CODE-IN	PIC X(01)	
10 534-VALID-FLAG	PIC X(01)	
10 534-WLC	PIC X(01)	
05 534-RESERVED	PIC X(06)	

### 11.27. Bench Stock Input (535).

11.27.1. Purpose. To maintain the bench stock data records.

11.27.1.1. Access. The BENCH-STOCK-INPUT record is accessed through CALC DMS CALC using the 535-ORG-SHOP key.

11.27.1.2. Size and Location. This fixed record length is 282 words and resides in the BENSTK-GV area of the SBSS database.

11.27.2. **Record Description.** The description of the BENCH-STOCK-INPUT record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.27. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 535-TRIC	PIC X(03)	
05 535-ORG-SHOP	PIC X(05)	
05 535-ITEM-NUMBER	PIC 9(10) USAGE IS COMP OCCURS 278 TIMES	
05 535-TEX-CODE	PIC X(01)	
05 535-RESERVED	PIC X(07)	

### 11.28. Bench Stock Issue (536).

11.28.1. Purpose. To maintain bench stock issue data records.

11.28.1.1. Access. This record is accessed via DMSCALC using 536-STOCK-Number. It is also a member of the CTL-BSU set, whose owner is BENCH-STOCK-CONTROL.

11.28.1.2. Size and Location. This fixed record length is 23 words and resides in the BENSTK area of the SBSS database.

11.28.2. Record Description. The description of the BENCH-STOCK-ISSUE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.28. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 536-BIN-LOCATION	PIC X(11)	
05 536-CONTROLLED-ITEM-CODE	PIC X(01)	
05 536-STOCK-NUMBER	PIC X(15)	
05 536-UNIT-OF-ISSUE	PIC X(02)	
05 536-ISSUE-QTY	PIC 9(05)	
05 536-DOCUMENT-NBR	PIC X(14)	
05 536-WAREHOUSE-LOCATION	PIC X(11)	
05 536-SYS-DESIG	PIC X(02)	
05 536-TRANSACTION-NBR	PIC 9(09)	
05 536-PRECIOUS-METALS-FLAG	PIC X(01)	
05 536-FREIGHT-RATE-CODE	PIC X(01)	
05 536-TYPE-CARGO-CODES	PIC X(02)	
05 536-NAT-MTR-FRT-CLASSTN	PIC X(06)	
05 536-ZERO-BALANCE-FLAG	PIC X(01)	
05 536-FILLER-1	PIC X(09)	

### **11.29. Engineering Installation Division (EID) Project Routine Issue Record (537).**

11.29.1. Purpose. To store routine mission support issue (MSI) output documents used by the logistics marking and reading symbol (LOGMARS) bench stock program NGV908 to print MSI documents in an off-line and batch mode.

11.29.1.1. Access. This record is accessed via DMSCALC using 537-STOCK-Number.

11.29.1.2. Size and Location. This fixed record length is 25 words and resides in the BENSTK area of the SBSS database.

**Table 11.29. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 537-DELIVERY-DESTINATION	PIC X(03)	
05 537-CONTROLLED-ITEM-CODE	PIC X(01)	
05 537-STOCK-NUMBER	PIC X(15)	
05 537-UNIT-OF-ISSUE	PIC X(02)	
05 537-ISSUE-QTY	PIC X(05)	
05 537-DOCUMENT-NBR	PIC X(14)	
05 537-WAREHOUSE-LOCATION	PIC X(11)	
05 537-SYS-DESIG	PIC X(02)	
05 537-TRANSACTION-NBR	PIC 9(09)	
05 537-MINIMUM-CUTTING-LENGTH	PIC X(01)	
05 537-NOUN-1-19	PIC X(19)	
05 537-PROJECT-NBR	PIC X(08)	
05 537-FILLER-1	PIC X(09)	

**11.30. Bench Stock Control (539).**

11.30.1. Purpose. To maintain a CALC key link to the 536 (BSU) records.

11.30.1.1. Access. The BENCH-STOCK-CONTROL record is accessed through CALC DMS CALC using the 539-CALC-KEY key.

11.30.1.2. Size and Location. This fixed record length is two words and resides in the BENSTK-GV area of the SBSS database.

11.30.2. Record Description. The description of the BENCH-STOCK-CONTROL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.30. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 539-CALC-KEY	PIC X(05)	

**11.31. Routing Identifier Deletion (FRD) Delete Header (541).**

11.31.1. Purpose. To provide a means of identifying records that may require deletion. The FRD-DELETE-HEADER record is the owner of the FRD-DELETE manual set of the SHIPPING-DESTINATION (519) record. The SHIPPING-DESTINATION record does a final review before recommending a record be deleted.

11.31.1.1. Access. The FRD-DELETE-HEADER record is accessed via a SBLC DMSCALC randomization routine. The two parameters that must be initialized before accessing the record are:

11.31.1.1.1. 541-FRD-TRIC.

11.31.1.1.2. MISC-AREA-NAME.

11.31.1.2. Size and Location. This fixed record length is three words and resides in the MISC-GV area of the SBSS database.

11.31.2. Record Description. The description of the FRD-DELETE-HEADER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.31. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 541-FRD-TRIC	PIC X(03)	
05 541-FILLER	PIC X(07)	

### 11.32. Delivery Destination Record (543).

11.32.1. Purpose. To provide the capability to load, change, and delete a DELIVERY-DESTINATION record for TIP processing by the issue programs.

11.32.1.1. Access. This record is accessed via DMSCALC using 543-CALC-Key which consists of the following:

11.32.1.1.1. Positions 1-2 = System designator

11.32.1.1.2. Positions 3-7 = ORG and Shop code

11.32.1.2. Size and Location. This fixed record length is 18 words and resides in the MISC-GV area of the SBSS database.

11.32.2. Record Description. The description of the DELIVERY-DESTINATION record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.32. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 543-CALC-KEY	PIC X(07)	
05 543-ORGANIZATION-SHOP		
10 543-ORG-CODE	PIC X(03)	
10 543-SHOP-CODE	PIC X(02)	
05 543-SYS-DESIG	PIC X(02)	
05 543-DELIVERY-DESTINATION-CODE	PIC X(03)	
05 543-DELIVERY-ADDRESS		



10 543-ADDRESS-1	PIC X(22)	
10 543-ADDRESS-2	PIC X(21)	
05 543-OFF-BASE-FLAG	PIC X(01)	
05 543-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 543-ZIP-CODE	PIC X(09)	

### 11.33. Transportation Action Required (TAR) Header Record (555).

11.33.1. Purpose. To provide A TAR-HEADER record with a five-position CALC KEY consisting of the system designator and a three-position constant TAR.

11.33.1.1. Access. This record is accessed via DMSCALC using 555-CALC-Key. It is also the owner of the Header-TAR set. 555-CALC-Key consist of the following:

11.33.1.1.1. Position 1-2 = System Designator

11.33.1.1.2. Position 3-5 = TAR

11.33.1.2. Size and Location. This fixed record length is four words and resides in the MISC-GV area of the SBSS database.

11.33.2. Record Description. The description of the TAR-HEADER record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.33. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 555-CALC-KEY	PIC X(05)	
05 555-DATE-OF-LAST-UPDATE	PIC 9(07) USAGE IS COMP	
05 555-FILLER	PIC X(08)	

### 11.34. Transportation Action Required Record (556).

11.34.1. Purpose. To provide a record to store TAR-IMAGE on the database for processing, deletion, inquiry, or review.

11.34.1.1. Access. This record is accessed via DMSCALC using 556-CALC-Key. It's also a member of the Header-TAR set, whose owner is TAR-Header. The 556-CALC-Key consist of the following:

11.34.1.1.1. Positions 1-8 = Document Number

11.34.1.1.2. Position 9 = Suffix code

11.34.1.2. Size and Location. This fixed record length is 14 words and resides in the MISC-GV area of the SBSS database.

11.34.2. Record Description. The description of the TRANSPORTATION-ACTION-REQUIRED record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.34. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 556-CALC-KEY	PIC X(09)	
05 556-TAR-IMAGE		
10 556-RID	PIC X(03)	
10 556-ACTION-CODE	PIC X(01)	
10 556-STOCK-NUMBER	PIC X(15)	
10 556-MODE-OF-SHIPMENT-CODE	PIC X(01)	
10 556-QTY	PIC 9(05)	
10 556-SYS-DESIG	PIC X(02)	
10 556-TCN-GBL-NBR	PIC X(17)	Note
10 556-TYPE-TAR-CODE	PIC X(02)	
<b>Note:</b> The first position will contain a 'P' if ROD/SDR processing and detail is a claims payable detail.		

### 11.35. ROF Identity (557).

11.35.1. Purpose. To record organization information for automated organization processing with the AFEMS (C001).

11.35.1.1. Access. This record is accessed via DMSCALC using 557-CALC-Key which consists of the following:

11.35.1.1.1. Positions 1-4 = Organization number

11.35.1.1.2. Positions 5-7 = Unit kind

11.35.1.1.3. Positions 8 = Unit level

11.35.1.1.4. Positions 9-12 = Detachment level

11.35.1.2. Size and Location. This fixed record length is 10 words and resides in the MISC-GV area of the SBSS database.

11.35.2. Record Description. The description of the organization change record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.35. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
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05 557-CALC-KEY	PIC X(12)	
05 557-DODAAC	PIC X(06)	
05 557-MAJCOM-CODE	PIC X(02)	
05 557-FAD-CODE	PIC 9(01)	
05 557-SUB-MAJCOM-CODE	PIC X(01)	Note
05 557-MDS	PIC X(07)	
05 557-GAINING-MAJCOM-CODE	PIC X(02)	
05 557-GEOLOC	PIC X(04)	
05 557-ROF-DEL-CODE	PIC X(01)	
05 557-PGM-ACT-DATE	PIC 9(07) USAGE IS COMP	
<b>Note:</b> This field will be used to store subordinate command code.		

### 11.36. ORG-COST-Center (558).

11.36.1. Purpose. To provide an entry point to the ORG-COST-CENTER-100-999 record. It allows multiple system designators to use the same organization code.

11.36.1.1. Access. This record is accessed via DIRECT. The page and record number must be preset as follows:

11.36.1.1.1. Page number = Organization code - 99

11.36.1.1.2. Record number = 1

11.36.1.1.3. (such as, if ORG code = 432, then page number = 333)

11.36.1.2. Size and Location. This fixed record length is one word and resides in the PFMR-GV area of the SBSS database.

11.36.2. Record Description. The description of the ORG-COST-CENTER-HDR record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 11.36. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 558-ORG-CODE	PIC X(03)	

## Chapter 12

### MANAGEMENT SUPPORT RECORDS

**12.1. Overview.** This chapter describes and contains the formats for the management support records used in the computer. **Note:** The database records are required. They may not be altered except as permitted under program control with an authorized input.

#### **12.2. Base Supply Management Control (600).**

12.2.1. Purpose. To control various reports involving the Base Supply Management Control record.

12.2.1.1. Access. The BASE-SUPPLY-MANAGEMENT-CONTROL record is accessed through CALC DMS CALC KEY--no dups.

12.2.1.2. Size and Location. This fixed record length is 20 words and resides in the MGMT-GV area of the SBSS database.

12.2.2. Record Description. The description of the BASE-SUPPLY-MGMT-CON record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.1. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 600-CALC-KEY	PIC X(3)	Note 1
05 600-BSMC-DOWNLOAD-PROCESS-FLAG	PIC X(1)	
05 600-BSMC-UPDATE-DATE	PIC 9(7) USAGE IS COMP	Note 2
05 600-BSMC-RELEVELING-FREQ		
10 600-BSMC-RLVL-NBR-TIMES-COMP	PIC 9(2) USAGE IS COMP	
10 600-BSMC-RLVL-DATE-COMPLETED	PIC 9(7) USAGE IS COMP	
05 600-BSMC-FOLLOW-UP-FREQ		
10 600-BSMC-FLP-NBR-TIMES-COMP	PIC 9(2) USAGE IS COMP	
10 600-BSMC-FLP-DATE-COMPLETED	PIC 9(7) USAGE IS COMP	
05 600-BSMC-FILLER	PIC X(50)	
05 600-BSMC-FILE-STATUS		

10 600-BSMC-NBR-ITEM-RECORDS	PIC 9(7) USAGE IS COMP	
10 600-BSMC-NBR-IR-COMPLETED	PIC 9(7) USAGE IS COMP	
10 600-BSMC-DATE-OF-FILE-STATUS	PIC 9(7) USAGE IS COMP	

**Note:**

1. The 600-CALC-KEY contains the constant literal 600.
2. The 600-BSMC-UPDATE-DATE is in Julian date format (YYDD) and represents the date of last update of the following supply management data records:
  - a. DUE-OUT-SCHEDULE (RECORD CODE 613)
  - b. DUE-IN-SUMMARY (RECORD CODE 616)
  - c. INVENTORY-CONTROL-DATA (RECORD CODE 617)
  - d. AVG-INVENTORY-INVESTMENTS (RECORD CODE 618)
  - e. SUPPLY-RECORD-COUNT (RECORD CODE 621)
  - f. ITEM-RECORD-DATA (RECORD CODE 622)

**12.3. Customer Support Effectiveness Record (602).**

12.3.1. Purpose. To serve as the storage media for selected totals associated with customer support effectiveness data.

12.3.1.1. Access. The CUSTOMER-SUPRT-EFFECTIVENESS record is accessed through CALC DMS CALC-no--dups.

12.3.1.2. Size and Location. This fixed record length is 167 words and resides in the MGMT-GV area of the SBSS database.

12.3.2. Record Description. The description of the CUSTOMER-SUPRT-EFFECTIVENESS record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.2. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 602-CALC-KEY	PIC X(8)	Note 1
05 602-CSE-CATEGORY	OCCURS 33 TIMES	Note 2
10 602-CSE-LI-REQUESTED	PIC 9(5) USAGE IS COMP	
10 602-CSE-UNITS-REQUESTED	PIC 9(7) USAGE IS COMP	

10 602-CSE-LI-ISSUED	PIC 9(5) USAGE IS COMP	
10 602-CSE-UNITS-ISSUED	PIC 9(7) USAGE IS COMP	
10 602-CSE-LI-BACK-ORDERED	PIC 9(5) USAGE IS COMP	
10 602-CSE-UNITS-BACK-ORDERED	PIC 9(7) USAGE IS COMP	
10 602-CSE-LI-BO-4W	PIC 9(5) USAGE IS COMP	
10 602-CSE-UNITS-BO-4W	PIC 9(7) USAGE IS COMP	

**Notes:**

1. The 602-CALC-KEY contains the constant literal 602, followed by the applicable 2-position system designator (SD), followed by the appropriate 3-position organization identifier. The organization identifiers are listed below:

- a. WMO - Weapon Maintenance Orgns
- b. CMO - Comm Maintenance Orgns
- c. CEO - Civil Engineer Orgns
- d. VMD - Vehicle Management Orgns
- e. OMO - Other Maintenance Orgns
- f. DMO - Depot Maintenance Orgns

2. The following information applies:

- a. The 33 occurrences of 602-CSE-CATEGORY are:
  - (1) Ogden ALC (FGZ) - Readiness Based Level
  - (2) Ogden ALC (FGZ) - Base Computed Level (CSAG-S)
  - (3) Ogden ALC (FGZ) - NATO
  - (4) Ogden ALC (FGZ) - Other AFMC
  - (5) Oklahoma City ALC (FHZ) - Readiness Based Level
  - (6) Oklahoma City ALC (FHZ) - Base Computed Level (CSAG-S)
  - (7) Oklahoma City ALC (FHZ) - NATO
  - (8) Oklahoma City ALC (FHZ) - Other AFMC

- (9) Sacramento ALC (FFZ) - Readiness Based Level
- (10) Sacramento ALC (FFZ) - Base Computed Level (CSAG-S)
- (11) Sacramento ALC (FFZ) - NATO
- (12) Sacramento ALC (FFZ) - Other AFMC
- (13) San Antonio ALC (FPZ) - Readiness Based Level
- (14) San Antonio ALC (FPZ) - Base Computed Level (CSAG-S)
- (15) San Antonio ALC (FPZ) - NATO
- (16) San Antonio ALC (FPZ) - Other AFMC
- (17) Warner Robins ALC (FLZ) - Readiness Based Level
- (18) Warner Robins ALC (FLZ) - Base Computed Level (CSAG-S)
- (19) Warner Robins ALC (FLZ) - NATO
- (20) Warner Robins ALC (FLZ) - Other AFMC
- (21) DLA Land and Maritime (S9C)
- (22) DLA Land and Maritime (S9E)
- (23) DLA Aviation (S9G)
- (24) DLA Troop Support (S9I)
- (25) GSA
- (26) LP (JBB/JBF/JBG/JBH)
- (27) OTHER
- (28) Repair Cycle - XD
- (29) Repair Cycle - XF
- (30) EOQ
- (31) Equipment
- (32) Bench Stock
- (33) CSAG-S - Budget Code 8

**Note:** Sacramento ALC (FFZ) and San Antonio ALC (FPZ) are no longer used. Information retained as reference only.

#### **12.4. Weapon Support Effectiveness Record (603).**

12.4.1. Purpose. To serve as the storage media for selected totals associated with customer support effectiveness data.

12.4.1.1. Access. The WEAPON-SUPRT-EFFECTIVENESS record is accessed through CALC DMS CALC--no dups.

12.4.1.2. Size and Location. This fixed record length is 157 words and resides in the MGMT-GV area of the SBSS database.

12.4.2. Record Description. The description of the WEAPON-SUPRT-EFFECTIVENESS record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.3. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 603-CALC-KEY	PIC X(8)	Note 1
05 603-WSE-CATEGORY	OCCURS 31 TIMES	Note 2
10 603-WSE-LI-REQUESTED	PIC 9(05) USAGE IS COMP	
10 603-WSE-UNITS-REQUESTED	PIC 9(7) USAGE IS COMP	
10 603-WSE-LI-ISSUED	PIC 9(5) USAGE IS COMP	
10 603-WSE-UNITS-ISSUED	PIC 9(7) USAGE IS COMP	
10 603-WSE-LI-BACK-ORDERED	PIC 9(5) USAGE IS COMP	
10 603-WSE-UNITS-BACK-ORDERED	PIC 9(7) USAGE IS COMP	
10 603-WSE-LI-BO-4W	PIC 9(5) USAGE IS COMP	
10 603-WSE-UNITS-BO-4W	PIC 9(7) USAGE IS COMP	
<b>Note:</b> 1. The 603-CALC-KEY contains the constant literal 603, followed by the applicable 2-position system designator (SD), followed by one of the designated 3-position standard reporting designators (SRD). The maximum number of authorized SRDs is 20. Any designated SRD utilized here must be loaded in the 625-CT-WSE-SRD-TABLE field of the MGMT-RPT-CONTROL-TABLE (625) record. 2. The following information applies: a. The 31 occurrences of 603-WSE-CATEGORY are: (1) Ogden ALC (FGZ) - Readiness Based Level (2) Ogden ALC (FGZ) - Base Computed Level (CSAG-S)		



- (3) Ogden ALC (FGZ) - NATO
- (4) Ogden ALC (FGZ) - Other AFMC
- (5) Oklahoma City ALC (FHZ) - Readiness Based Level
- (6) Oklahoma City ALC (FHZ) - Base Computed Level (CSAG-S)
- (7) Oklahoma City ALC (FHZ) - NATO
- (8) Oklahoma City ALC (FHZ) - Other AFMC
- (9) Sacramento ALC (FFZ) - Readiness Based Level
- (10) Sacramento ALC (FFZ) - Base Computed Level (CSAG-S)
- (11) Sacramento ALC (FFZ) - NATO
- (12) Sacramento ALC (FFZ) - Other AFMC
- (13) San Antonio ALC (FPZ) - Readiness Based Level
- (14) San Antonio ALC (FPZ) - Base Computed Level (CSAG-S)
- (15) San Antonio ALC (FPZ) - NATO
- (16) San Antonio ALC (FPZ) - Other AFMC
- (17) Warner Robins ALC (FLZ) - Readiness Based Level
- (18) Warner Robins ALC (FLZ) - Base Computed Level (CSAG-S)
- (19) Warner Robins ALC (FLZ) - NATO
- (20) Warner Robins ALC (FLZ) - Other AFMC
- (21)

DLA Land and Maritime (S9C)

- (22) DLA Land and Maritime (S9E)
- (23) DLA Aviation (S9G)
- (24) DLA Troop Support (S9I)
- (25) GSA
- (26) LP (JBB/JBF/JBG/JBH)
- (27) OTHER
- (28) Repair Cycle - XD
- (29) Repair Cycle - XF
- (30) EOQ
- (31) CSAG-S - Budget Code 8

**Note:** Sacramento ALC (FFZ) and San Antonio ALC (FPZ) are no longer used. Information retained as reference only.

**12.5. Gross Net Availability (604).**

12.5.1. Purpose. To provide the storage media for data on how well customer requirements are satisfied. This record contains statistics on the availability of assets.

12.5.1.1. Access. The GROSS-NET-AVAILABILITY record is accessed through CALC DMS CALC using the 604-CALC-KEY.

12.5.1.2. Size and Location. This fixed record length is 47 words and resides in the MGMT-GV area of the SBSS database.

12.5.2. Record Description. The description of the GROSS-NET-AVAILABILITY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.4. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 604-CALC-KEY	PIC X(5)	Note 1
05 604-GNA-CATEGORY	OCCURS 6 TIMES	Note 2
10 604-GNA-LI-ISSUED	PIC 9(5) USAGE IS COMP	
10 604-GNA-UNITS-ISSUED	PIC 9(7) USAGE IS COMP	
10 604-GNA-LI-DO-ALL	PIC 9(5) USAGE IS COMP	
10 604-GNA-UNITS-DO-ALL	PIC 9(7) USAGE IS COMP	
10 604-GNA-LI-DO-4W	PIC 9(5) USAGE IS COMP	
10 604-GNA-UNITS-DO-4W	PIC 9(7) USAGE IS COMP	
10 604-GNA-LI-WRM-WITHDRAW	PIC 9(5) USAGE IS COMP	
10 604-GNA-UNITS-WRM-WITHDRAW	PIC 9(7) USAGE IS COMP	
10 604-GNA-LI-TRN-MAINT	PIC 9(5) USAGE IS COMP	
10 604-GNA-UNITS-TRN-MAINT	PIC 9(7)	

	USAGE IS COMP	
10 604-GNA-LI-TRN-SUPPLY	PIC 9(5) USAGE IS COMP	
10 604-GNA-UNITS-TRN-SUPPLY	PIC 9(7) USAGE IS COMP	
<b>Notes:</b> 1. The 604-CALC-KEY contains the constant literal 604 followed by the applicable 2-position system designator. 2. The following information applies: a. The six occurrences of 604-GNA-CATEGORY are: (1) Operational RPC (2) Operational EOQ (less BSS) (3) Operational EOQ (BSS) (4) Support RPC (5) Support EOQ (less BSS) (6) Support EOQ (BSS)		

## 12.6. Bench Stock Summary (605).

12.6.1. Purpose. To serve as storage media for selected totals associated with bench stock summary data.

12.6.1.1. Access. The BENCH-STOCK-SUMMARY record is accessed through CALC DMS CALC using the 605-CALC-KEY.

12.6.1.2. Size and Location. This fixed record length is 20 words and resides in the MGMT-GV area of the SBSS database.

12.6.2. Record Description. The description of the BENCH-STOCK-SUMMARY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.5. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 605-CALC-KEY	PIC X(5)	Note 1
05 605-BSS-CATEGORY	OCCURS 5 TIMES	Note 2
10 605-BSS-LI-AUTH	PIC 9(7) USAGE IS COMP	
10 605-BSS-LI-DUE-OUT-TOTAL	PIC 9(5) USAGE IS COMP	

10 605-BSS-DO-LESS-STD-TOTAL	PIC 9(5) USAGE IS COMP	
10 605-BSS-LI-AUTH-LESS-120	PIC 9(5) USAGE IS COMP	
10 605-BSS-LI-DUE-OUT-LESS-120	PIC 9(5) USAGE IS COMP	
10 605-BSS-DO-LESS-STD-LESS-120	PIC 9(5) USAGE IS COMP	
<b>Notes:</b> 1. The 605-CALC-KEY contains the constant literal 605 followed by the applicable 2-position system designator. 2. The following information applies: a. The five occurrences of 605-BSS-CATEGORY are: (1) Weapons Maintenance Orgns (2) Comm Maintenance Orgns (3) Civil Engineer Orgns (4) Vehicle Management Orgns (5) Other Maintenance Orgns		

### 12.7. Retail Outlet Data (606).

12.7.1. Purpose. To provide the storage media for data associated with the issue (sales), turn-ins (returns), and inventory adjustments processed against retail outlets. Line item counts, unit counts, and dollar values are maintained for Base Service Store (BSS) items, Individual Equipment (IEE) items, and Tool Issues (TIC) items.

12.7.1.1. Access. The RETAIL-OUTLET-DATA record is accessed through CALC DMS CALC using the 606-CALC-KEY.

12.7.1.2. Size and Location. This fixed record length is 41 words and resides in the MGMT-GV area of the SBSS database.

12.7.2. Record Description. The description of the RETAIL-OUTLET-DATA record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.6. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 606-CALC-KEY	PIC X(5)	Note 1
05 606-ROD-SALES-ANALYSIS	OCCURS 4 TIMES	Note 2

10 606-ROD-SA-CATEGORY	OCCURS 3 TIMES	Note 3
15 606-ROD-SA-LINE-ITEMS	PIC 9(5) USAGE IS COMP	
15 606-ROD-SA-UNITS	PIC 9(7) USAGE IS COMP	
15 606-ROD-SA-DOL-VALUE	PIC 9(7) USAGE IS COMP	
05 606-ROD-VARIANCE-ANALYSIS	OCCURS 2 TIMES	Note 4
10 606-ROD-VA-CATEGORY	OCCURS 3 TIMES	Note 5
15 606-ROD-VA-LINE-ITEM	PIC 9(5) USAGE IS COMP	
15 606-ROD-VA-UNITS	PIC 9(7) USAGE IS COMP	
15 606-ROD-VA-DOL-VALUE	PIC 9(7) USAGE IS COMP	
05 606-ROD-INV-DOLLAR-VALUE		
10 606-ROD-IEX-CATEGORY	OCCURS 2 TIMES	Note 6
15 606-ROD-IEX-LINE-ITEMS	PIC 9(5) USAGE IS COMP	
15 606-ROD-IEX-LI-0BAL	PIC 9(5) USAGE IS COMP	
15 606-ROD-IEX-DOL-VALUE	PIC 9(7) USAGE IS COMP	

**Note:**

1. The 606-CALC-KEY contains the constant literal 606 followed by the applicable 2-position system designator.
2. The following information applies:
  - a. The four occurrences of 606-ROD-SALES-ANALYSIS are:
    - (1) ISU
    - (2) DUO
    - (3) DOR
    - (4) TIN

3. The following information applies:
  - a. The three occurrences of 606-ROD-SA-CATEGORY are:
    - (1) IEU
    - (2) TIC
    - (3) BSS (other)
4. The following information applies:
  - a. The two occurrences of 606-ROD-VARIANCE-ANALYSIS are:
    - (1) Overage
    - (2) Shortage
5. The following information applies:
  - a. The three occurrences of 606-ROD-VA-CATEGORY are:
    - (1) IEU
    - (2) TIC
    - (3) BSS (other)
6. The following information applies:
  - a. The two occurrences of 606-ROD-IEX-CATEGORY are:
    - (1) IEX E
    - (2) IEX K

## 12.8. Repair Cycle Asset Control (607).

12.8.1. Purpose. To serve as the storage media for selected totals associated with repair cycle control data.

12.8.1.1. Access. The REPAIR-CYCLE-ASSET-CONTROL record is accessed through CALC DMS CALC using 607-CALC-KEY.

12.8.1.2. Size and Location. This fixed record length is 74 words and resides in the MGMT-GV area of the SBSS database.

12.8.2. Record Description. The description of the REPAIR-CYCLE-ASSET-CONTROL record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.7. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 607-CALC-KEY	PIC X(7)	Note 1
05 607-RCAC-MPC-CATEGORY	OCCURS 2 TIMES	Note 2
10 607-RCAC-RTS-INCL-AWP		

15 607-RCAC-RTS-IA-W-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-IA-W-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-IA-X-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-IA-X-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-IA-RCT-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-IA-RCT-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-IA-AWP-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-IA-AWP-XD	PIC 9(5)	
10 607-RCAC-RTS-NON-AWP	OCCURS 2 TIMES	Note 3
15 607-RCAC-RTS-NA-W-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-NA-W-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-NA-X-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-NA-X-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-NA-RCT-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-RTS-NA-RCT-XD	PIC 9(5) USAGE IS COMP	
10 607-RCAC-NRTS-INCL-AWP		
15 607-RCAC-NRTS-IA-W-STD-XF	PIC 9(5) USAGE IS COMP	

15 607-RCAC-NRTS-IA-W-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-IA-X-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-IA-X-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-IA-RCT-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-IA-RCT-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-IA-AWP-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-IA-AWP-XD	PIC 9(5) USAGE IS COMP	
10 607-RCAC-NRTS-NON-AWP	OCCURS 4 TIMES	Note 4
15 607-RCAC-NRTS-NA-W-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-NA-W-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-NA-X-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-NA-X-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-NA-RCT-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-NRTS-NA-RCT-XD	PIC 9(5) USAGE IS COMP	
10 607-RCAC-COND-INCL-AWP		
15 607-RCAC-COND-IA-W-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-IA-W-STD-XD	PIC 9(5)	



	USAGE IS COMP	
15 607-RCAC-COND-IA-X-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-IA-X-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-IA-RCT-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-IA-RCT-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-IA-AWP-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-IA-AWP-XD	PIC 9(5) USAGE IS COMP	
10 607-RCAC-COND-NON-AWP	OCCURS 2 TIMES	Note 5
15 607-RCAC-COND-NA-W-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-NA-W-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-NA-X-STD-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-NA-X-STD-XD	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-NA-RCT-XF	PIC 9(5) USAGE IS COMP	
15 607-RCAC-COND-NA-RCT-XD	PIC 9(5) USAGE IS COMP	

**Note:**

1. The 607-CALC-KEY contains the constant literal 607 followed by the applicable 2-position system designator (SD), followed by a 2-position organization identifier. Each master reporting organization (MRO) code, as identified in the 625-CT-REPCYC-TABLE, will be assigned an organization identifier with the value of '01' through '15', respective to the MRO code occurrence position within the 625-CT-REPCYC-TABLE of the MGMT-RPT-CONTROL-TABLE (625) record. The '01' through '15' organization identifiers will represent those MRO codes specified for collection of repair cycle

management data at base level. The 'ALL OTHER' category of repair cycle management data will be collected and reported with the organization identifier of '00'. In addition to the 'ALL OTHER' category (organization identifier '00'), the maximum number of designated MRO codes identifying collection categories is 15 (organization identifiers '01' through '15'). Organization identifiers from '01' through '15' utilized in the 607-CALC-KEY must have an associated MRO code loaded in the respective occurrence of the 625-CT-REPCYC-TABLE of the MGMT-RPT-CONTROL-TABLE (625) RECORD.

2. The following information applies:

a. The two occurrences of 607-RCAC-MPC-CATEGORY are:

- (1) MPC Critical (MPC 3, C, L, T)
- (2) MPC OTHER (MPC 4, 7)

3. The following information applies:

a. The two occurrences of 607-RCAC-RTS-NON-AWP are:

- (1) RTS (EXCL AWP)
- (2) RTS (AWP NOT ACCUM)

4. The following information applies:

a. The four occurrences of 607-RCAC-NRTS-NON-AWP are:

- (1) NRTS 1 (EXCL AWP)
- (2) NRTS OTHER (EXCL AWP)
- (3) NRTS 1 (AWP NOT ACCUM)
- (4) NRTS OTHER (AWP NOT ACCUM)

5. The following information applies:

a. The two occurrences of 607-RCAC-COND-NON-AWP are:

- (1) COND (EXCL AWP)
- (2) COND (AWP NOT ACCUM)

## 12.9. MICAP Analysis (609).

12.9.1. Purpose. To serve as the storage media for selected totals associated with MICAP analysis data.

12.9.1.1. Access. The MICAP-ANALYSIS record is accessed through CALC DMS CALC using the 609-CALC-KEY.

12.9.1.2. Size and Location. This fixed record length is 140 words and resides in the MGMT-GV area of the SBSS database.

12.9.2. Record Description. The description of the MICAP-ANALYSIS record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.8. Record Description.**

<b>FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/REMARKS</b>
05 609-CALC-KEY	PIC X(8)	Note 1
05 609-MA-CAUS-CODE-ERC	OCCURS 15 TIMES	Note 2
10 609-MA-CC-ERC-RC-XD	PIC 9(5) USAGE IS COMP	
10 609-MA-CC-ERC-RC-XF	PIC 9(5) USAGE IS COMP	
10 609-MA-CC-ERC-EOQ	PIC 9(5) USAGE IS COMP	
10 609-MA-CC-ERC-EQMT	PIC 9(5) USAGE IS COMP	
05 609-MA-CAUS-CODE-ALC	OCCURS 15 TIMES	Note 2
10 609-MA-CC-ALC-SAALC	PIC 9(5) USAGE IS COMP	
10 609-MA-CC-ALC-WRALC	PIC 9(5) USAGE IS COMP	
10 609-MA-CC-ALC-SMALC	PIC 9(5) USAGE IS COMP	
10 609-MA-CC-ALC-OCALC	PIC 9(5) USAGE IS COMP	
10 609-MA-CC-ALC-OGALC	PIC 9(5) USAGE IS COMP	
10 609-MA-CC-ALC-DLA	PIC 9(5) USAGE IS COMP	
10 609-MA-CC-ALC-OTHER	PIC 9(5) USAGE IS COMP	
05 609-MA-DEL-CODE-ERC	OCCURS 10 TIMES	Note 3
10 609-MA-DC-ERC-RC-XD	PIC 9(5) USAGE IS COMP	
10 609-MA-DC-ERC-RC-XF	PIC 9(5)	

	USAGE IS COMP	
10 609-MA-DC-ERC-EOQ	PIC 9(5) USAGE IS COMP	
10 609-MA-DC-ERC-EQMT	PIC 9(5) USAGE IS COMP	
05 609-MA-DEL-CODE-ALC	OCCURS 10 TIMES	Note 3
10 609-MA-DC-ALC-SAALC	PIC 9(5) USAGE IS COMP	
10 609-MA-DC-ALC-WRALC	PIC 9(5) USAGE IS COMP	
10 609-MA-DC-ALC-SMALC	PIC 9(5) USAGE IS COMP	
10 609-MA-DC-ALC-OGALC	PIC 9(5) USAGE IS COMP	
10 609-MA-DC-ALC-OCALC	PIC 9(5) USAGE IS COMP	
10 609-MA-DC-ALC-DLA	PIC 9(5) USAGE IS COMP	
10 609-MA-DC-ALC-OTHER	PIC 9(5) USAGE IS COMP	
<p><b>Note:</b></p> <p>1. The 609-CALC-KEY contains the constant literal 609 followed by the applicable 2-position system designator (SD), followed by the designated 3-position SRD or the constant 999 (999 indicates all other collection of MICAP analysis data). In addition to the 999 identifier, the maximum number of designated SRD utilized here must be loaded in the 625-CT-MICAP-TABLE of the MGMT-RPT-CONTROL-TABLE (625) record.</p> <p>2. The following information applies:</p> <p>a. The 15 occurrences of 609-MA-CAUS-CODE-ERC and 609-MA-CAUS-CODE-ALC are:</p> <ul style="list-style-type: none"> <li>(1) Cause Code A</li> <li>(2) Cause Code B</li> <li>(3) Cause Code C</li> <li>(4) Cause Code D</li> <li>(5) Cause Code F</li> </ul>		

- (6) Cause Code G
- (7) Cause Code H
- (8) Cause Code J
- (9) Cause Code K
- (10) Cause Code P
- (11) Cause Code R
- (12) Cause Code S
- (13) Cause Code T
- (14) Cause Code X
- (15) Cause Code Z

3. The following information applies:

a. The 10 occurrences of 609-MA-DEL-CODE-ERC and 609 MA-DEL-ODE-ALC are:

- (1) Delete Code 0
- (2) Delete Code 1
- (3) Delete Code 2
- (4) Delete Code 3
- (5) Delete Code 4
- (6) Delete Code 5
- (7) Delete Code 6
- (8) Delete Code 7
- (9) Delete Code 8
- (10) Delete Code 9

### 12.10. Due-Out Analysis Record (610).

12.10.1. Purpose. To serve as the storage media for selected totals associated with due-out analysis data.

12.10.1.1. Access. The DUE-OUT-ANALYSIS record is accessed through CALC DMS CALC using the 610-CALC-KEY.

12.10.1.2. Size and Location. This fixed record length is 282 words and resides in the MGMT-GV area of the SBSS database.

12.10.2. Record Description. The description of the DUE-OUT-ANALYSIS record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.9. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
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05 610-CALC-KEY	PIC X(5)	Note 1
05 610-DOA-ORGANIZATIONS	OCCURS 5 TIMES	Note 2
10 610-DOA-CAUSE-CODE	OCCURS 14 TIMES	Note 3
15 610-DOA-D-O-SAALC	PIC 9(5) USAGE IS COMP	
15 610-DOA-D-O-WRALC	PIC 9(5) USAGE IS COMP	
15 610-DOA-D-O-SMALC	PIC 9(5) USAGE IS COMP	
15 610-DOA-D-O-OGALC	PIC 9(5) USAGE IS COMP	
15 610-DOA-D-O-OCALC	PIC 9(5) USAGE IS COMP	
15 610-DOA-D-O-DLA	PIC 9(5) USAGE IS COMP	
15 610-DOA-D-O-GSA	PIC 9(5) USAGE IS COMP	
15 610-DOA-D-O-OTHER	PIC 9(5) USAGE IS COMP	

**Notes:**

1. The 610-CALC-KEY contains the constant literal "610" followed by the applicable 2-position system designator.
2. The following information applies:
  - a. The five occurrences of 610-DOA-ORGANIZATIONS are:
    - (1) Maintenance Orgs
    - (2) Communications Orgs
    - (3) Civil Engineer Orgs
    - (4) Transportation Orgs
    - (5) Other Orgs
3. The following information applies:
  - a. The 14 occurrences of 610-DOA-CAUSE-CODE are:
    - (1) Cause Code A

- (2) Cause Code B
- (3) Cause Code C
- (4) Cause Code D
- (5) Cause Code F
- (6) Cause Code G
- (7) Cause Code H
- (8) Cause Code J
- (9) Cause Code K
- (10) Cause Code R
- (11) Cause Code S
- (12) Cause Code T
- (13) Cause Code X
- (14) Cause Code Z

#### 12.11. Reason For Non-Availability (611).

12.11.1. Purpose. To provide the storage media for data on how customer requirements are satisfied. This record contains statistics on the reasons for assets not being available.

12.11.1.1. Access. The REASON-FOR-NON-AVAILABILITY record is accessed through CALC DMS CALC using the 611-CALC-KEY.

12.11.1.2. Size and Location. This fixed record length is eight words and resides in the MGMT-GV area of the SBSS database.

12.11.2. Record Description. The description of the REASON-FOR-NON-AVAILABILITY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.10. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 611-CALC-KEY	PIC X(5)	Note 1
05 611-RNA-CATEGORY	OCCURS 3 TIMES	Note 2
10 611-RNA-CAUSE-A	PIC 9(5) USAGE IS COMP	
10 611-RNA-CAUSE-BCD	PIC 9(5) USAGE IS COMP	
10 611-RNA-CAUSE-FGR	PIC 9(5)	

	USAGE IS COMP	
10 611-RNA-CAUSE-HJK	PIC 9(5) USAGE IS COMP	
<b>Notes:</b> 1. The 611-CALC-KEY contains the constant literal 611 followed by the applicable 2-position system designator. 2. The following information applies: a. The three occurrences of 611-RNA-CATEGORY are: (1) Repair Cycle - XD (2) Repair Cycle - XF (3) E0Q		

**12.12. Customer Wait Time (612).**

12.12.1. Purpose. To provide the storage media for data on how well customer requirements are satisfied. This record contains statistics on the availability of assets, on the reasons for assets not being available, and on inventory investments.

12.12.1.1. Access. The CUSTOMER-WAIT-TIME record is accessed through CALC DMS CALC using 612-CALC-KEY.

12.12.1.2. Size and Location. The fixed record length is 86 words and resides in the MGMT-GV area of the SBSS database.

12.12.2. Record Description. The description of the CUSTOMER-WAIT-TIME record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.11. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 612-CALC-KEY	PIC X(5)	Note 1
05 612-CWT-CATEGORY	OCCURS 13 TIMES	Note 2
10 612-CWT-GROUPNG	OCCURS 2 TIMES	Note 3
15 612-CWT-NBR-REQUESTS	PIC 9(5) USAGE IS COMP	
15 612-CWT-REQ-WAIT-TIME	PIC 9(10) USAGE IS COMP	
15 612-CWT-NBR-UNITS	PIC 9(7) USAGE IS COMP	
15 612-CWT-UNIT-WAIT-TIME	PIC 9(10)	



	USAGE IS COMP	
<p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. The 612-CALC-KEY contains the constant literal 612 followed by the applicable 2-position system designator.</li> <li>2. The following information applies:             <ol style="list-style-type: none"> <li>a. The 13 occurrences of 612-CWT-CATEGORY are:                 <ol style="list-style-type: none"> <li>(1) ORGS - Operational Orgs</li> <li>(2) ORGS - Support Orgs</li> <li>(3) SOS - AFMC SOS</li> <li>(4) SOS - DLA SOS</li> <li>(5) SOS - GSA SOS</li> <li>(6) SOS - LP SOS</li> <li>(7) PRI GP - Priority Gp I</li> <li>(8) PRI GP - Priority Gp II</li> <li>(9) PRI GP - Priority Gp III</li> <li>(10) Cause Code - Cause Code A</li> <li>(11) Cause Code - Cause Code B, C, D</li> <li>(12) Cause Code - Cause Code F, G, R</li> <li>(13) Cause Code - Cause Code H, J, K, X</li> </ol> </li> </ol> </li> <li>3. The following information applies:             <ol style="list-style-type: none"> <li>a. The two occurrences of 612-CWT-GROUPING are:                 <ol style="list-style-type: none"> <li>(1) Repair cycle items</li> <li>(2) EOQ Items</li> </ol> </li> </ol> </li> </ol>		

### 12.13. Due-Out Schedule Record (613).

12.13.1. Purpose. To serve as the storage media for selected totals associated with data on the status of the due-out schedule.

12.13.1.1. Access. The DUE-OUT-SCHEDULE record is accessed through CALC DMS CALC using the 613-CALC-KEY.

12.13.1.2. Size and Location. This fixed record length is 302 words and resides in the MGMT-GV area of the SBSS database.

12.13.2. Record Description. The description of the DUE-OUT-SCHEDULE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.12. Record Description.**

<b>FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/REMARKS</b>
05 613-CALC-KEY	PIC X(5)	Note 1
05 613-DOS-SUP-EQP	OCCURS 2 TIMES	Note 2
10 613-DOS-ORGANIZATIONS	OCCURS 5 TIMES	Note 3
15 613-DOS-DO-AGE-GROUP	OCCURS 6 TIMES	Note 4
20 613-DOS-AFMC-FIRM	PIC 9(5) USAGE IS COMP	
20 613-DOS-AFMC-MEMO	PIC 9(5) USAGE IS COMP	
20 613-DOS-DLA-FIRM	PIC 9(5) USAGE IS COMP	
20 613-DOS-DLA-MEMO	PIC 9(5) USAGE IS COMP	
20 613-DOS-GSA-FIRM	PIC 9(5) USAGE IS COMP	
20 613-DOS-GSA-MEMO	PIC 9(5) USAGE IS COMP	
20 613-DOS-LP-FIRM	PIC 9(5) USAGE IS COMP	
20 613-DOS-LP-MEMO	PIC 9(5) USAGE IS COMP	
20 613-DOS-OTHER-FIRM	PIC 9(5) USAGE IS COMP	
20 613-DOS-OTHER-MEMO	PIC 9(5) USAGE IS COMP	
<b>Note:</b> 1. The 613-CALC-KEY contains the constant literal 613 followed by the applicable 2-position system designator. 2. The following information applies: a. The two occurrences of 613-DOS-EQP are: (1) Supplies		

(2) Equipment

3. The following information applies:

a. The five occurrences of 613-DOS-ORGANIZATIONS are:

- (1) Weapon Maint Orgs
- (2) Comm Maint Orgs
- (3) Civil Engineer Orgs
- (4) Vehicle Maint Orgs
- (5) Other Orgs

4. The following information applies:

a. The six occurrences of 613-DOS-DO-AGE-GROUP are:

- (1) PRI GP I - D/O Age w/Standard
- (2) PRI GP I - D/O Age > Standard
- (3) PRI GP II - D/O Age w/Standard
- (4) PRI GP II - D/O Age > Standard
- (5) PRI GP III - D/O Age w/Standard
- (6) PRI GP III - D/O Age > Standard

#### 12.14. Due-Out Cancellation Summary (614).

12.14.1. Purpose. To serve as the storage media for selected totals associated with due-out cancellation data.

12.14.1.1. Access. The DUE-OUT-CANCELLATION-SUMMARY record is accessed through CALC DMS CALC using 614-CALC-KEY.

12.14.1.2. Size and Location. This fixed record length is 77 words and resides in the MGMT-GV area of the SBSS database.

12.14.2. Record Description. The description of the DUE-OUT-CANCELLATION record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.13. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 614-CALC-KEY	PIC X(5)	Note 1
05 614-DOC-GROUPING	OCCURS 6 TIMES	Note 2
10 614-DOC-CATEGORY	OCCURS 2 TIMES	Note 3
15 614-DOC-ORGS	OCCURS 5 TIMES	Note 4
20 614-DOC-LINE-ITEMS	PIC 9(5)	

	USAGE IS COMP	
20 614-DOC-DOL-VALUE	PIC 9(7) USAGE IS COMP	
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. The 614-CALC-KEY contains the constant literal 614 followed by the applicable 2-position system designator.</li> <li>2. The following information applies: <ol style="list-style-type: none"> <li>a. The six occurrences of 614-DOC-GROUPING are: <ol style="list-style-type: none"> <li>(1) Supplies - GSD</li> <li>(2) Supplies - NATO</li> <li>(3) Supplies - CSAG-S</li> <li>(4) Supplies - NSF</li> <li>(5) Equipment - GSD</li> <li>(6) Equipment - NSF</li> </ol> </li> </ol> </li> <li>3. The following information applies: <ol style="list-style-type: none"> <li>a. The two occurrences of 614-DOC-CATEGORY are: <ol style="list-style-type: none"> <li>(1) Obligated (GSD, NATO, and CSAG-S) or firm (NSF)</li> <li>(2) Unobligated (GSD, NATO, and CSAG-S) or memo (NSF)</li> </ol> </li> </ol> </li> <li>4. The following information applies: <ol style="list-style-type: none"> <li>a. The five occurrences of 614-DOC-ORGS are: <ol style="list-style-type: none"> <li>(1) Weapon Maint Orgs</li> <li>(2) Comm Maint Orgs</li> <li>(3) Civil Engineer Orgs</li> <li>(4) Vehicle Maint Orgs</li> <li>(5) Other Orgs</li> </ol> </li> </ol> </li> </ol>		

### 12.15. Requisition Summary (615).

12.15.1. Purpose. To serve as the storage media for selected totals associated with requisition summary data.

12.15.1.1. Access. The REQUISITION-SUMMARY record is accessed through CALC DMS CALC using 615-CALC-KEY.

12.15.1.2. Size and Location. This fixed record length is 47 words and resides in the MGMT-GV area of the SBSS database.

12.15.2. Record Description. The description of the REQUISITION-SUMMARY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.14. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 615-CALC-KEY	PIC X(5)	Note 1
05 615-REQ-SUP-EQP	OCCURS 2 TIMES	Note 2
10 615-REQ-SOURCE	OCCURS 5 TIMES	Note 3
15 615-REQ-NBR-PRI-GP-I	PIC 9(5) USAGE IS COMP	
15 615-REQ-DOL-VAL-GP-I	PIC 9(10) USAGE IS COMP	
15 615-REQ-NBR-PRI-GP-II	PIC 9(5) USAGE IS COMP	
15 615-REQ-DOL-VAL-GP-II	PIC 9(10) USAGE IS COMP	
15 615-REQ-NBR-PRI-GP-III	PIC 9(5) USAGE IS COMP	
15 615-REQ-DOL-VAL-GP-III	PIC 9(10) USAGE IS COMP	
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. The 615-CALC-KEY contains the constant literal 615 followed by the applicable 2-position system designator.</li> <li>2. The following information applies: <ol style="list-style-type: none"> <li>a. The two occurrences of 615-REQ-SUP-EQP are: <ol style="list-style-type: none"> <li>(1) Supplies</li> <li>(2) Equipment</li> </ol> </li> </ol> </li> <li>3. The following information applies: <ol style="list-style-type: none"> <li>a. The five occurrences of 615-REQ-SOURCE are: <ol style="list-style-type: none"> <li>(1) AFMC</li> <li>(2) LP</li> <li>(3) GSA</li> <li>(4) DLA</li> </ol> </li> </ol> </li> </ol>		

(5) Other

**12.16. Due-In Summary (616).**

12.16.1. Purpose. To serve as the storage media for selected totals associated with data on the status of due-ins.

12.16.1.1. Access. The DUE-IN-SUMMARY record is accessed through CALC DMS CALC using 616-CALC-KEY.

12.16.1.2. Size and Location. This fixed record length is 37 words and resides in the MGMT-GV area of the SBSS database.

12.16.2. Record Description. The description of the DUE-IN-SUMMARY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.15. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 616-CALC-KEY	PIC X(5)	Note 1
05 616-DIS-SUP-EQP	OCCURS 2 TIMES	Note 2
10 616-DIS-SOURCE	OCCURS 5 TIMES	Note 3
15 616-DIS-PRI-GROUP	OCCURS 3 TIMES	Note 4
20 616-DIS-DAYS-IN-STD	PIC 9(5) USAGE IS COMP	
20 616-DIS-DAYS-OVER-STD	PIC 9(5) USAGE IS COMP	
15 616-DIS-GP3-OV365-MEMO	PIC 9(5) USAGE IS COMP	
<b>Note:</b> 1. The 616-CALC-KEY contains the constant literal 616 followed by the applicable 2-position system designator. 2. The following information applies: a. The two occurrences of 616-DIS-SUP-EQP are: (1) Supplies (2) Equipment 3. The following information applies: a. The five occurrences of 616-DIS-SOURCE are: (1) AFMC (2) DLA		

(3) GSA

(4) LP

(5) Other

4. The following information applies:

a. The three occurrences of 616-DIS-PRI-GROUP are:

(1) Priority Group I

(2) Priority Group II

(3) Priority Group III

### 12.17. Inventory Control Data (617).

12.17.1. Purpose. To serve as the storage media for selected totals associated with transaction summary data.

12.17.1.1. Access. The INVENTORY-CONTROL-DATA record is accessed through CALC DMS CALC using 617-CALC-KEY.

12.17.1.2. Size and Location. This fixed record length is 74 words and resides in the MGMT-GV area of the SBSS database.

12.17.2. Record Description. The description of the INVENTORY-CONTROL-DATA record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.16. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 617-CALC-KEY	PIC X(5)	Note 1
05 617-ICD-LINE-CATEGORY	OCCURS 10 TIMES	Note 2, 3
10 617-ICD-NBR-OF-ITM-RCDS	PIC 9(7) USAGE IS COMP	
10 617-ICD-DOL-VAL-OH-BAL	PIC 9(10) USAGE IS COMP	
10 617-ICD-IR-ZERO-DMD-LVL	PIC 9(5) USAGE IS COMP	
10 617-ICD-IR-WITH-DMD-LVL	PIC 9(5) USAGE IS COMP	
10 617-ICD-DOL-VAL-DMD-LVL	PIC 9(10) USAGE IS COMP	
10 617-ICD-IR-WITH-RQN-OBJ	PIC 9(5)	

	USAGE IS COMP	
10 617-ICD-DOL-VAL-RQN-OBJ	PIC 9(10) USAGE IS COMP	
10 617-ICD-IR-W-RO-ZERO-ACC	PIC 9(5) USAGE IS COMP	
10 617-ICD-IR-SPECIAL-LVL	PIC 9(5) USAGE IS COMP	
10 617-ICD-SPL-LVL-DOLD-OV-365	PIC 9(5) USAGE IS COMP	
10 617-ICD-SPL-LVL-ZERO-DMDS	PIC 9(5) USAGE IS COMP	

**Note:**

1. The 617-CALC-KEY contains constant literal 617 followed by the applicable 2-position system designator.

2. The following information applies:

a. The 10 occurrences of 617-ICD-LINE-CATEGORY for all bases except NATO are:

- (1) NSF - Cent Comp Lvl
- (2) NSF - Base Comp Lvl
- (3) NSF - Eqmt In Stk
- (4) CSAG-S - ERRRC XB3
- (5) UNUSED
- (6) GSD - Repair Cycle XF
- (7) GSD - ERRRC XB3
- (8) GSD - Eqmt in Stk
- (9) CSAG-S - ERRCD XD
- (10) CSAG-S - ERRCD XF

3. The following information applies:

a. The 10 occurrences of 617-ICD-LINE-CATEGORY for NATO only are:

- (1) NSF - Cent Comp Lvl
- (2) NSF - Base Comp Lvl
- (3) NSF - Eqmt In Stk
- (4) NATO - ERRRC XF3



- (5) NATO - ERRCD XB3
- (6) GSD - Repair Cycle XF
- (7) GSD - ERRC XB3
- (8) GSD - Eqmt in Stk
- (9) CSAG-S - ERRCD XD
- (10) CSAG-S - ERRCD XF

### 12.18. Average Inventory Investments (618).

12.18.1. Purpose. To provide the storage media for data on how well customer requirements are satisfied. This record contains statistics on average inventory investments.

12.18.1.1. Access. The AVG-INVENTORY-INVESTMENTS record is accessed through CALC DMS CALC using 618-CALC-KEY.

12.18.1.2. Size and Location. This fixed record length is 21 words and resides in the MGMT-GV area of the SBSS database.

12.18.2. Record Description. The description of the AVG-INVENTORY-INVESTMENTS record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.17. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 618-CALC-KEY	PIC X(5)	Note 1
05 618-AII-ASSET-CATEGORY	OCCURS 3 TIMES	Note 2
10 618-AII-DOL-VAL-OH-ASSETS	PIC 9(10) USAGE IS COMP	
10 618-AII-DOL-VAL-DUE-INS	PIC 9(10) USAGE IS COMP	
10 618-AII-DOL-VAL-DUE-OUTS	PIC 9(10) USAGE IS COMP	
05 618-AII-RSC-DATA	OCCURS 7 TIMES	Note 3
10 618-AII-RSC-ERRCD	OCCURS 3 TIMES	
15 618-AII-DOL-VAL-LEVEL	PIC 9(10) USAGE IS COMP	
15 618-AII-DOL-VAL-OH	PIC 9(10) USAGE IS COMP	
<b>Note:</b>		

1. The 618-CALC-KEY contains the constant literal 618 followed by the applicable 2-position system designator.
2. The following information applies:
  - a. The three occurrences of 618-AII-ASSET-CATEGORY are:
    - (1) Repair Cycle - XD
    - (2) Repair Cycle - XF
    - (3) EOQ
3. The following information applies:
  - a. The seven occurrences of 618-AII-RSC-DATA are:
    - (1) Stock Demand (SD)
    - (2) Standard Insurance (SI)
    - (3) Stocked Numeric (SN)
    - (4) Stocked Provisioning (SP)
    - (5) Stocked WRM (SW)
    - (6) Not Stocked (NS)
    - (7) Other (NK)

### 12.19. Excess Stratification (619).

12.19.1. Purpose. To serve as the storage media for selected totals associated with excess cause summary data.

12.19.1.1. Access. The EXCESS-STRATIFICATION record is accessed through CALC DMS CALC using 619-CALC-KEY.

12.19.1.2. Size and Location. This fixed record length is 58 words and resides in the MGMT-GV area of the SBSS database.

12.19.2. Record Description. The description of the EXCESS-STRATIFICATION record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.18. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 619-CALC-KEY	PIC X(5)	Note 1
05 619-EXC-CATEGORY	OCCURS 5 TIMES	Note 2
10 619-EXC-SOURCE	OCCURS 5 TIMES	Note 3
15 619-EXC-NBR-LI	PIC 9(5) USAGE IS COMP	
15 619-EXC-NBR-UNITS	PIC 9(7)	

	USAGE IS COMP	
15 619-EXC-DOL-VALUE	PIC 9(10) USAGE IS COMP	
<b>Note:</b> 1. The 619-CALC-KEY contains the constant literal 619 followed by the applicable 2-position system designator. 2. The following information applies: a. The five occurrences of 619-EXC-CATEGORY are: (1) ERRC XD (2) ERRC XF (3) ERRC XB (4) ERRC ND/NF (5) DECLINING LEVEL (MEMO) 3. The following information applies: a. The five occurrences of 619-EXC-SOURCE are: (1) AFMC (2) DLA (3) GSA (4) LP (5) OTHER		

**12.20. Transaction Summary (620).**

12.20.1. Purpose. To serve as the storage media for selected totals associated with transaction summary data.

12.20.1.1. Access. The TRANSACTION-SUMMARY record is accessed through CALC DMS CALC using 620-CALC-KEY.

12.20.1.2. Size and Location. This fixed record length is 149 words and resides in the MGMT-GV area of the SBSS database.

12.20.2. Record Description. The description of the TRANSACTION-SUMMARY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.19. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 620-CALC-KEY	PIC X(5)	Note 1
05 620-TS-TRANSACTION-COUNTS	OCCURS 142 TIMES	Note 2

10 620-TS-SUPPLIES	PIC 9(5) USAGE IS COMP	
10 620-TS-EQUIPMENT	PIC 9(5) USAGE IS COMP	
05 620-TS-TOTAL-TRANS-BE-SUP	PIC 9(7) USAGE IS COMP	
05 620-TS-TOTAL-TRANS-BE-EQUIP	PIC 9(7) USAGE IS COMP	
05 620-TS-TOTAL-TRANS-K-SUP	PIC 9(5) USAGE IS COMP	
05 620-TS-TOTAL-TRANS-K-EQUIP	PIC 9(5) USAGE IS COMP	
05 620-TS-TOTAL-TRANS-P-SUP	PIC 9(5) USAGE IS COMP	
05 620-TS-TOTAL-TRANS-P-EQUIP	PIC 9(5) USAGE IS COMP	
05 620-TS-TOTAL-TRANS-SD-SUP	PIC 9(7) USAGE IS COMP	
05 620-TS-TOTAL-TRANS-SD-EQUIP	PIC 9(7) USAGE IS COMP	
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. The 620-CALC-KEY contains the constant literal 620 followed by the applicable 2-position system designator.</li> <li>2. The following information applies: <ol style="list-style-type: none"> <li>a. The 142 occurrences of 620-TS-TRANSACTION-COUNTS are: <ol style="list-style-type: none"> <li>(1) A&amp;F LP PAYMENTS **</li> <li>(2) UNUSED</li> <li>(3) A&amp;F MILSTRIP PAYMENTS **</li> <li>(4) UNUSED</li> <li>(5) UNUSED</li> <li>(6) *TOTAL A&amp;F TRANS **</li> <li>(7) ASSET INQUIRY</li> </ol> </li> </ol> </li> </ol>		

- (8) BSS TRANS
- (9) COND CHG SERV-UNSERV
- (10) COND CHG UNSERV-SERV
- (11) \*TOTAL COND CHG
- (12) CONTROLLED ITEM CHG
- (13) DCC PRODUCED
- (14) DLADS GSD
- (15) DLADS SSD
- (16) DLADS RSD
- (17) \*TOTAL DLADS
- (18) DLADS TEX5
- (19) DUE-OUT RECURRING
- (20) DUE-OUT NONRECURRING
- (21) DUE-OUT INITIAL
- (22) \*TOTAL DUE-OUT
- (23) DUE-OUT NOT AUTH STK
- (24) DUE-OUT CAMS
- (25) DUE-OUT EXPEDITE/ROUTINE
- (26) DUE-OUT B/S
- (27) DUE-OUT EAID
- (28) DUE-OUT NON-EAID
- (29) DUE-OUT REL RECURRING
- (30) DUE-OUT REL NONRECURRING
- (31) DUE-OUT REL INITIAL
- (32) \*TOTAL DUE-OUT REL
- (33) DUE-OUT REL CAMS
- (34) DUE-OUT REL EXPEDITE/ROUTINE
- (35) DUE-OUT REL B/S
- (36) DUE-OUT REL EAID
- (37) DUE-OUT REL NON-EAID
- (38) ERRRC XD TRANS
- (39) ERRRC XF TRANS

- (40) ERRC XB TRANS
- (41) ERRC ND/NF TRANS
- (42) FILE CHANGES SNUD
- (43) FILE CHANGES OTHER
- (44) \*TOTAL FILE CHANGES
- (45) IDENTITY CHANGES - FCH
- (46) IDENTITY CHANGES - FER
- (47) INV ADJ (TRANS)
- (48) INV ADJ (FOB)
- (49) INV ADJ (WHSE REFUSAL)
- (50) INV ADJ (OTHER)
- (51) \*TOTAL INV ADJ
- (52) ISSUES RECURRING
- (53) ISSUES NONRECURRING
- (54) ISSUES INITIAL
- (55) \*TOTAL ISSUES
- (56) ISSUES POST-POST (Post-post is a legacy term that identified where transactions were posted/input to automated systems after the actions were performed. Because it is listed on SBSS output notices, the term is still retained in this context.)
- (57) ISSUES CAMS
- (58) ISSUES EXPEDITE/ROUTINE
- (59) ISSUES BENCH STOCK
- (60) ISSUES EAID
- (61) ISSUES NON-EAID
- (62) ITEM RCD - ADD
- (63) ITEM RCD - DEL
- (64) KILL CAMS
- (65) KILL EXPEDITE/ROUTINE
- (66) KILL EAID
- (67) KILL NON-EAID
- (68) KILL MSI
- (69) \*TOTAL KILL
- (70) MISC TRANSACTIONS

- (71) MSK ISSUES
- (72) MSK MSI
- (73) MSK DUE-OUT
- (74) MSK DUE-OUT REL
- (75) MSK TURN-IN
- (76) MSK TRANSFER
- (77) \*TOTAL MSK
- (78) RDO
- (79) RDO DENIAL
- (80) RECEIPTS NO D/I
- (81) RECEIPTS UNSERVICEABLE
- (82) RECEIPTS LP
- (83) RECEIPTS LATERAL
- (84) RECEIPTS OTHER
- (85) \*TOTAL RECEIPTS
- (86) REVERSE POST 1PU
- (87) REVERSE POST DOR
- (88) REVERSE POST ISU
- (89) REVERSE POST MSI
- (90) REVERSE POST REC
- (91) REVERSE POST SHP
- (92) REVERSE POST TIN
- (93) REVERSE POST TRM
- (94) \*TOTAL REVERSE POST
- (95) SHIPMENTS SERVICEABLE
- (96) SHIPMENTS UNSERVICEABLE
- (97) \*TOTAL SHIPMENTS
- (98) SPR ON-LINE
- (99) SPR OFF-LINE
- (100) \*TOTAL SPR
- (101) SSC PROCESSED
- (102) SUPPLY POINT ISSUES

(103) SUPPLY POINT MSI  
(104) SUPPLY POINT DUO  
(105) SUPPLY POINT DUO REL  
(106) SUPPLY POINT TURN-IN  
(107) \*TOTAL SUPPLY POINT  
(108) TRN TRANS  
(109) TURN-IN SERVICEABLE  
(110) TURN-IN UNSERVICEABLE  
(111) \*TOTAL TURN-IN  
(112) TURN-IN CAMS  
(113) TURN-IN EXPEDITE/ROUTINE  
(114) TURN-IN BENCH STOCK  
(115) TURN-IN EAID  
(116) TURN-IN NON-EAID  
(117) WASH POST TRANS  
(118) WHSE LOC ADD  
(119) WHSE LOC CHG  
(120) WHSE LOC DEL  
(121) \*TOTAL WHSE LOC CHGS  
(122) WRM ISSUES  
(123) WRM MSI  
(124) WRM DUE-OUT  
(125) WRM DUE-OUT REL  
(126) WRM TURN-IN  
(127) \*TOTAL WRM  
(128) MRSP ISSUES  
(129) MRSP MSI  
(130) MRSP DUE-OUT  
(131) MRSP DUE-OUT REL  
(132) MRSP TURN-IN  
(133) MRSP TRANSFER  
(134) \*TOTAL MRSP



(135) ISSUES (UNUSED)  
 (136) MSI (UNUSED)  
 (137) DUE-OUT (UNUSED)  
 (138) DUE-OUT-REL (UNUSED)  
 (139) TURN-IN (UNUSED)  
 (140) TRANSFERS (UNUSED)  
 (141) \*TOTAL (UNUSED)  
 (142) DLADS OTHER

\*\* Will include fuels transaction (P account)

### 12.21. Supply Record Count (621).

12.21.1. Purpose. To serve as the storage media for selected totals associated with detail record data.

12.21.1.1. Access. The SUPPLY-RECORD-COUNT record is accessed through CALC DMS CALC using 621-CALC-KEY.

12.21.1.2. Size and Location. This fixed record length is 81 words and resides in the MGMT-GV area of the SBSS database.

**Table 12.20. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 621-CALC-KEY	PIC X(5)	Note 1
05 621-SRC-RECORD-COUNTS	OCCURS 40 TIMES	Note 2
10 621-SRC-SUPPLIES	PIC 9(7) USAGE IS COMP	
10 621-SRC-EQUIPMENT	PIC 9(7) USAGE IS COMP	
<b>Note:</b> 1. The 621-CALC-KEY contains the constant literal 621 followed by the applicable 2-position system designator. 2. The following information applies: a. The 53 occurrences of 621-SRC-RECORD-COUNTS are: (1) I/R B/E ACCT (101) (2) I/R K ACCT (101) (3) I/R P ACCT (101)		

- (4) UNUSED
- (5) REPAIR CYCLE (102)
- (6) SRD CONSUMPTION (107)
- (7) AUTH IN-USE DET (201)
- (8) DUE-IN DET (202)
- (9) DIFM DET (203)
- (10) DIFM UNSERV DET (204)
- (11) DUE-OUT DET (205)
- (12) EXCESS RPT DET (206)
- (13) EOQ CONSUMPTION DET (207)
- (14) STATUS FLP MILSTRIP DET (208)
- (15) STATUS BNR DET (209)
- (16) STATUS LP DET (210)
- (17) STATUS SHP DET (211)
- (18) STATUS BCZ INVEST DET (212)
- (19) RNB DET (213)
- (20) REM VEH DET (214)
- (21) SNC DET (215)
- (22) SPEC LVL DET (216)
- (23) MASTER B/S DET (217)
- (24) SUP PT DET (218)
- (25) NON EAID AUTH IN-USE DET (201)
- (26) UNUSED
- (27) UNUSED
- (28) CLAIMS REC DET (221)
- (29) P/N DET (222)
- (30) VENDOR OWNED COST DET (223)
- (31) SHP SUSP DET (224)
- (32) SPRAMS DET (225)
- (33) UNUSED
- (34) UNUSED ASSET DET (227)
- (35) MICAP SUSP DET (228)

(36) EXCESS TR PAYABLE DET (229)  
 (37) MUNITION WRM SPARES DET (230)  
 (38) MISSION SUPPORT KIT (232)  
 (39) SPECIAL SPARES (233)  
 (40) HPMSK (234)  
 (41) PROJECT (235)  
 (42) (UNUSED)  
 (43) NON-AMRSP (237)  
 (44) WTDOS (238)  
 (45) AMRSP (239)  
 (46) WRM/IRSP (240)  
 (47) WRM/WCDO (241)  
 (48) SERIALIZED CONTROL DET (249)  
 (49) OCCR RCDS (516)  
 (50) OCCR RECORDS (517)  
 (51) UNUSED  
 (52) UNUSED  
 (53) UNUSED

## 12.22. Item Record Data (622).

12.22.1. Purpose. To serve as the storage media for selected totals associated with item record summary data.

12.22.1.1. Access. The ITEM-RECORD-DATA record is accessed through CALC DMS CALC using 622-CALC-KEY.

12.22.1.2. Size and Location. This fixed record length is 146 words and resides in the MGMT-GV area of the SBSS database.

12.22.2. Record Description. The description of the ITEM-RECORD-DATA record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.21. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 622-CALC-KEY	PIC X(5)	Note 1
05 622-IRD-ITEM-COUNTS	OCCURS 96 TIMES	Note 2
10 622-IRD-SUPPLIES	PIC 9(7)	

	USAGE IS COMP	
10 622-IRD-EQUIPMENT	PIC 9(7) USAGE IS COMP	

**Note:**

1. The 622-CALC-KEY contains the constant literal 622 followed by the applicable 2-position system designator.
2. The following information applies:
  - a. The 96 occurrences of 622-IRD-ITEM-COUNTS are:
    - (1) ADJUNCT NSN-1
    - (2) ADJUNCT NSN-2
    - (3) ADJUNCT NSN-3
    - (4) BUDGET CODE ALPHA
    - (5) BUDGET CODE 1
    - (6) BUDGET CODE 9
    - (7) BUDGET CODE Z
    - (8) C FACTOR > 1
    - (9) EEX 1 NON-IMRPT
    - (10) EEX 2 CMD DIST
    - (11) EEX 3 RPT TO CMD
    - (12) EEX 4 SEASONAL
    - (13) EEX 5 ATTRITION
    - (14) EEX 6 SPEC PROC
    - (15) EEX 7 USAF DIR
    - (16) EEX 8 UNUSED
    - (17) EEX 9 UNUSED
    - (18) EEX ALPHA
    - (19) \*TOTAL EEX
    - (20) EMC 1
    - (21) EMC 2
    - (22) EMC 3
    - (23) EMC 4
    - (24) EMC 5

- (25) ERRC ND
- (26) ERRC NF
- (27) ERRC XB
- (28) ERRC XD
- (29) ERRC XF
- (30) \*TOTAL I/R
- (31) ERRC LOG ASG
- (32) FROZEN INV
- (33) FROZEN OTHER
- (34) \*TOTAL FROZEN
- (35) IEX 1 STANDBY
- (36) IEX 2 UNUSED
- (37) IEX 3 BS
- (38) IEX 4 POST-POST (Post-post is a legacy term that identified where transactions were posted/input to automated systems after the actions were performed. Because it is listed on SBSS output notices, the term is still retained in this context.)
- (39) IEX 5 TIME CHANGE
- (40) IEX 6 IEU
- (41) IEX 7 UNUSED
- (42) IEX 8 UNUSED
- (43) IEX 9 HEALTH HAZ
- (44) IEX ALPHA
- (45) \*TOTAL IEX
- (46) LOC ASG NSN
- (47) MPC 3
- (48) MPC 4
- (49) MPC 7
- (50) MPC C
- (51) MPC L
- (52) MPC T
- (53) NNPC 2
- (54) NNPC 5
- (55) PART NBR NSN

- (56) PAST DUE INV-180
- (57) PAST DUE INV-365
- (58) \*TOTAL PAST DUE INV
- (59) REX 0 SAT PRC
- (60) REX 1 DO NOT RQN
- (61) REX 2 LP/LM
- (62) REX 3 DO NOT RQN
- (63) REX 4 DO NOT RQN
- (64) REX 5 ADD REMARK
- (65) REX 6 WARRANTED TOOL
- (66) REX 7 ANNUAL RQN
- (67) REX 8 TRADE-IN
- (68) REX 9 SP COM VEL
- (69) REX ALPHA
- (70) \*TOTAL REX
- (71) SER BAL NO LOC
- (72) SEX 1 DO NOT SHP
- (73) SEX 2 DISP IM
- (74) SEX 3 CONT MAINT
- (75) SEX 4 AFTO 375
- (76) SEX 5 UNUSED
- (77) SEX 6 UNUSED
- (78) SEX 7 REM COMP
- (79) SEX 8 UNUSED
- (80) SEX 9 UNUSED
- (81) SEX ALPHA
- (82) \*TOTAL SEX
- (83) SPC 1
- (84) SPC 2
- (85) SPC 3
- (86) SPC 4
- (87) SPC 5

(88) SPC A  
 (89) SPC B  
 (90) SPC C  
 (91) SPC D  
 (92) SPC E  
 (93) TCTO NSN  
 (94) WASH POST NSN  
 (95) WHSE LOC ASG  
 (96) BUDGET CODE 8

### 12.23. Monthly Inventory Accuracy Stratification (623).

12.23.1. Purpose. To serve as the storage media for selected totals associated with inventory accuracy data.

12.23.1.1. Access. The MONTHLY-INVENTORY-ACCY-STRAT record is accessed through CALC DMS CALC using 623-CALC-KEY.

12.23.1.2. Size and Location. The fixed record length is 109 words and resides in the MGMT-GV area of the SBSS database.

12.23.2. Record Description. The description of the MONTHLY-INVENTORY-ACCY-STRAT record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.22. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 623-CALC-KEY	PIC X(5)	Note 1
05 623-MOIAS-ACCY-CATEGORY	OCCURS 11 TIMES	Note 2
10 623-MOIAS-LI-COUNTED	PIC 9(7) USAGE IS COMP	
10 623-MOIAS-LI-OVER	PIC 9(7) USAGE IS COMP	
10 623-MOIAS-LI-SHORT	PIC 9(7) USAGE IS COMP	
10 623-MOIAS-REC-BAL-COUNT	PIC 9(10) USAGE IS COMP	
10 623-MOIAS-REC-BAL-DOL-VAL	PIC 9(10) USAGE IS COMP	

10 623-MOIAS-UNITS-OVER	PIC 9(10) USAGE IS COMP	
10 623-MOIAS-OVERAGE-DOL-VAL	PIC 9(10) USAGE IS COMP	
10 623-MOIAS-UNITS-SHORT	PIC 9(10) USAGE IS COMP	
10 623-MOIAS-SHORTAGE-DOL-VAL	PIC 9(10) USAGE IS COMP	
05 623-MOIAS-SAMPLE-DATA	OCCURS 3 TIMES	Note 3
10 623-MOIAS-ITEMS-IN-LOT	PIC 9(7) USAGE IS COMP	
10 623-MOIAS-ITEMS-SAMPLED	PIC 9(7) USAGE IS COMP	
10 623-MOIAS-NBR-SIG-ERRORS	PIC 9(7) USAGE IS COMP	
10 623-MOIAS-NBR-INSIG-ERRORS	PIC 9(7) USAGE IS COMP	
10 623-MOIAS-SAMP-REC-BAL	PIC 9(10) USAGE IS COMP	
10 623-MOIAS-SAMP-DOL-VAL	PIC 9(10) USAGE IS COMP	
10 623-MOIAS-SAMP-LOTS-PASSED	PIC 9(7) USAGE IS COMP	
10 623-MOIAS-SAMP-LOTS-FAILED	PIC 9(7) USAGE IS COMP	

**Note:**

1. The 623-CALC-KEY contains the constant literal 623 followed by the applicable 2-position system designator.
2. The following information applies:
  - a. The 11 occurrences of 623-MOIAS-ACCY-CATEGORY are:
    - (1) Complete - Repair Cycle
    - (2) Complete - EOQ



- (3) Complete - Equipment
- (4) Special - Repair Cycle
- (5) Special - DIFM
- (6) Special - EOQ
- (7) Special - EQ/WHSE
- (8) Special - IN-USE
- (9) Identity Change - Repair Cycle
- (10) Identity Change - EOQ
- (11) Identity Change - Equipment

3. The following information applies:

a. The three occurrences of 623-MOIAS-SAMPLE-DATA are:

- (1) Repair Cycle
- (2) EOQ
- (3) Equipment

#### 12.24. FY Inventory Accuracy Stratification (624).

12.24.1. Purpose. To serve as the storage media for selected totals associated with inventory accuracy data.

12.24.1.1. Access. The FY-INVENTORY-ACCY-STRAT record is accessed through CALC DMS CALC using 624-CALC-KEY.

12.24.1.2. Size and Location. The fixed record length is 120 words and resides in the MGMT-GV area of the SBSS database.

12.24.2. Record Description. The description of the FY-INVENTORY-ACCY-STRAT record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.23. Record Description.**

FORMAT	DATA DATA TYPE/SIZE	NOTES/REMARKS
05 624-CALC-KEY	PIC X(5)	Note 1
05 624-FYIAS-ACCY-CATEGORY	OCCURS 11 TIMES	Note 2
10 624-FYIAS-LI-COUNTED	PIC 9(7) USAGE IS COMP	
10 624-FYIAS-LI-OVER	PIC 9(7) USAGE IS COMP	

10 624-FYIAS-LI-SHORT	PIC 9(7) USAGE IS COMP	
10 624-FYIAS-REC-BAL-COUNT	PIC 9(10) USAGE IS COMP	
10 624-FYIAS-REC-BAL-DOL-VAL	PIC 9(10) USAGE IS COMP	
10 624-FYIAS-UNITS-OVER	PIC 9(10) USAGE IS COMP	
10 624-FYIAS-OVERAGE-DOL-VAL	PIC 9(10) USAGE IS COMP	
10 624-FYIAS-UNITS-SHORT	PIC 9(10) USAGE IS COMP	
10 624-FYIAS-SHORTAGE-DOL-VAL	PIC 9(10) USAGE IS COMP	
05 624-FYIAS-SAMPLE-DATA	OCCURS 3 TIMES	Note 3
10 624-FYIAS-ITEMS-IN-LOT	PIC 9(7) USAGE IS COMP	
10 624-FYIAS-ITEMS-SAMPLED	PIC 9(7) USAGE IS COMP	
10 624-FYIAS-NBR-SIG-ERRORS	PIC 9(7) USAGE IS COMP	
10 624-FYIAS-NBR-INSIG-ERRORS	PIC 9(7) USAGE IS COMP	
10 624-FYIAS-SAMP-REC-BAL	PIC 9(10) USAGE IS COMP	
10 624-FYIAS-SAMP-DOL-VAL	PIC 9(10) USAGE IS COMP	
10 624-FYIAS-SAMP-LOTS-PASSED	PIC 9(7) USAGE IS COMP	
10 624-FYIAS-SAMP-LOTS-FAILED	PIC 9(7) USAGE IS COMP	

**Note:**

1. The 624-CALC-KEY contains the constant literal 624 followed by the applicable 2-position system designator.
2. The following information applies:
  - a. The 11 occurrences of 624-FYIAS-ACCY-CATEGORY are:
    - (1) Complete - Repair Cycle
    - (2) Complete - EOQ
    - (3) Complete - Equipment
    - (4) Special - Repair Cycle
    - (5) Special - DIFM
    - (6) Special - EOQ
    - (7) Special - EQ/WHSE
    - (8) Special - IN-USE
    - (9) Identity Change - Repair Cycle
    - (10) Identity Change - EOQ
    - (11) Identity Change - Equipment
3. The following information applies:
  - a. The three occurrences of 624-FYIAS-SAMPLE-DATA are:
    - (1) Repair Cycle
    - (2) EOQ
    - (3) Equipment

**12.25. Management Reports Control Table (625).**

12.25.1. Purpose. To control various reports involving the Base Supply Management Data Control.

12.25.1.1. Access. The MGMT-RPT-CONTROL-TABLE record is accessed through CALC DMS CALC using 625-CALC-KEY.

12.25.1.2. Size and Location. The fixed record length is 366 words and resides in the MGMT-GV area of the SBSS database.

12.25.2. Record Description. The description of the MGMT-RPT-CONTROL-TABLE record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.24. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 625-CALC-KEY	PIC X(5)	Note 1

05 625-CT-SYSTEM-DESIGNATOR	PIC X(2)	Note 2
05 625-CT-WSE-SRD-TABLE	OCCURS 20 TIMES	Note 3
10 625-CT-WSE-SRD	PIC X(3)	
10 625-CT-WSE-MDS	PIC X(6)	
05 625-CT-REPCYC-TABLE	OCCURS 15 TIMES	Note 4
10 625-CT-RC-MASTER-ORG	PIC X(3)	
10 625-CT-MST-ORG-DESCR	PIC X(25)	
10 625-CT-COLLECTIVE-ORGS	OCCURS 15 TIMES	Note 5
15 625-CT-COLLECT-ORG	PIC X(3)	
05 625-CT-MICAP-TABLE	OCCURS 20 TIMES	Note 6
10 625-CT-MICAP-SRD	PIC X(3)	
10 625-CT-MICAP-MDS	PIC X(6)	

**Notes:**

1. The 625-CALC-KEY contains the constant literal 625 followed by the applicable 2-position system designator.
2. The 625-CT-SYSTEM-DESIGNATOR contains the same system designator as contained in the last two positions of the 625-CALC-KEY.
3. The 20 occurrences of 625-CT-WSE-SRD-TABLE provide a directory of the 20 standard reporting designators (SRDs), controlling the collection and storage of the WEAPON-SUPRT-EFFECTIVENESS (603) records. The first 10 SRDs in the 625-CT-WSE-SRD-TABLE field will indicate those weapon support effectiveness data records to be downloaded and reported to ILS-S Program Office and/or MAJCOM during end-of-month processing. No other load sequence requirements apply within the 625-CT-WSE-SRD-TABLE field. The presence of a given SRD in this table field will signal the collection of the respective weapon support effectiveness data. Any number of SRDs, from none (0) to a maximum of 20, can be loaded in this table field (If no SRD is loaded, no weapon support effectiveness data will be collected and all associated data will be collected and reported under the Customer Support Effectiveness Category of data.)
4. The 15 occurrences of 625-CT-REPCYC-TABLE provide a directory of the master reporting organization (MRO) codes for which the appropriate repair cycle management data (REPAIR-CYCLE-ASSET-CONTROL (607) record) will be collected as designated by the 15 occurrences of the 625-CT-COLLECTIVE-ORGS table within each occurrence of the 625-CT-REPCYC-TABLE. Those MRO codes specified will signal and direct the data collection of the respective repair cycle management data and all other repair cycle management data not identified within these tables will be collected under the 'ALL OTHER' category. All 15 MRO codes in the 625-CT-REPCYC-TABLE field, in addition to the 'ALL OTHER' category, will indicate the associated data records to be downloaded and reported to ILS-S Program Office, Gunter Annex, and/or MAJCOM during end-of-month processing. (**Note:** The repair cycle data for all specified organizations and the 'ALL OTHER' category will be accumulated and loaded by reporting SRAN under the 'ALL OTHER' category and cumulative MAJCOM/USAF totals will be

maintained for the 'ALL OTHER' category on the Management Data Bank at ILS-S Program Office, Gunter Annex.) Any number of MRO codes, from none (0) to a maximum of 15, can be loaded in this table field. If no MRO code is loaded, no specified repair cycle management data will be collected and all associated data will be collected and reported under the 'ALL OTHER' category.

5. The 15 occurrences of the 625-CT-COLLECTIVE-ORGS provide a collection of organization codes to identify those organizations to have repair cycle management data collected under the associated MRO code.

6. The 20 occurrences of 625-CT-MICAP-TABLE provide a directory of the 20 Standard Reporting Designators (SRDs), controlling the collection and storage of the MICAP-ANALYSIS (609) record. The MICAP analysis data will be collected as directed by the 20 specified SRDs. Also, in addition to the 20 specific SRDs, data will be collected under the SRD of 'ZZZ' and all other associated data will be collected under 'other', identified with the '999' identifier. All SRDs in the 625-CT-MICAP-TABLE field, in addition to the SRD 'ZZZ' and the '999' identifier, will indicate the associated data records to be downloaded and reported to ILS-S Program Office, Gunter Annex, and/or MAJCOM during end-of-month processing. No load sequence requirements apply within the 625-CT-MICAP-TABLE field. The presence of a given SRD in this table field will signal the collection of the respective associated data. Any number of SRDs, from none (0) to a maximum of 20, can be loaded in this table field (If no SRD is loaded, all associated data will be collected and reported under the 'ZZZ' and '999' identifiers.)

## 12.26. Management Expansion Data (627).

12.26.1. Purpose. To serve as the storage media of any record to be determined.

12.26.1.1. Access. The MGMT-EXPANSION-DATA record is accessed through CALC DMS CALC using 627-CALC-KEY.

12.26.1.2. Size and Location. This fixed record length is 76 words and resides in the MGMT-GV area of the SBSS database.

12.26.2. Record Description. The description of the MGMT-EXPANSION-DATA record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.25. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 627-CALC-KEY	PIC X(5)	Note 1
05 627-MED-SIZE-FIVE	OCCURS 33 TIMES	Note 2
10 627-MED-EXP-FIELD-5	PIC 9(5) USAGE IS COMP	
05 627-MED-SIZE-SEVEN	OCCURS 33 TIMES	Note 3
10 627-MED-EXP-FIELD-7	PIC 9(7) USAGE IS COMP	
05 627-MED-SIZE-TEN	OCCURS 33 TIMES	Note 4
10 627-MED-EXP-FIELD-10	PIC 9(10)	

	USAGE IS COMP	
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. The 627-CALC-KEY contains the constant literal 627 followed by the applicable 2-position system designator (SD).</li> <li>2. The 33 occurrences of 627-MED-SIZE-FIVE provide 33 expansion fields sized at 5 positions computational. The contents of the expansion fields will be identified when assigned for usage.</li> <li>3. The 33 occurrences of 627-MED-SIZE-SEVEN provide 33 expansion fields sized at 7 positions computational. The contents of the expansion fields will be identified when assigned for usage.</li> <li>4. The 33 occurrences of 627-MED-SIZE-TEN provide 33 expansion fields sized at 10 positions computational. The contents of the expansion fields will be identified when assigned for usage.</li> </ol>		

### 12.27. Metrics-ISE-Data (628).

12.27.1. Purpose. To serve as the storage media for selected transaction totals associated with the accumulation of issue and stockage effectiveness metrics.

12.27.1.1. Access. The METRICS-ISE-DATA record is accessed through CALC DMS CALC using the 628-CALC-KEY.

12.27.1.2. Size and Location. This fixed record length is 53 words and resides in the MGMT-GV area of the SBSS database.

12.27.2. Record Description. The description of the METRICS-ISE-DATA record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.26. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 628-CALC-KEY	PIC X(06)	Note 1
05 628-SYSTEM-DESIGNATOR	PIC X(02)	
05 628-SRD	PIC X(03)	
05 628-TYPE-METRICS	PIC X(01)	
05 628-ISE-MDS	PIC X(06)	
05 628-ISE-CATEGORY	OCCURS 12 TIMES	Note 2
10 628-ISE-LI-REQUESTED	PIC 9(05) USAGE IS COMP	
10 628-ISE-UNITS-REQUESTED	PIC 9(07) USAGE IS COMP	
10 628-ISE-LI-ISSUED	PIC 9(05) USAGE IS COMP	

10 628-ISE-UNITS-ISSUED	PIC 9(05) USAGE IS COMP	
10 628-ISE-LI-BACK-ORDERED	PIC 9(05) USAGE IS COMP	
10 628-ISE-UNITS-BACK-ORDERED	PIC 9(05) USAGE IS COMP	
10 628-ISE-LI-BO-4W	PIC 9(05) USAGE IS COMP	
10 628-ISE-UNITS-BO-4W	PIC 9(05) USAGE IS COMP	

**Note:**

1. The CALC-KEY is made up of the following:
  - a. Positions 1-2 = System Designator
  - b. Positions 3-5 = SRD
  - c. Position 6 = Type Metrics Code
2. The following information applies:
  - a. The 12 occurrences of the 628-ISE-CATEGORY ARE:
    - (1) Central Computed Level - FGZ
    - (2) Base Computed Level - FGZ
    - (3) Central Computed Level - FHZ
    - (4) Base Computed Level - FHZ
    - (5) Central Computed Level - FFZ
    - (6) Base Computed Level - FFZ
    - (7) Central Computed Level - FPZ
    - (8) Base Computed Level - FPZ
    - (9) Central Computed Level - FLZ
    - (10) Base Computed Level - FLZ
    - (11) Other Budget Codes
    - (12) RSD Budget Code 8

**Note:** Sacramento ALC (FFZ) and San Antonio ALC (FPZ) are no longer used. Information retained as reference only.

**12.28. Metrics-RCM-Data (629).**

12.28.1. Purpose. To serve as the storage media for selected transaction totals associated with the accumulation of repair cycle metrics.

12.28.1.1. Access. The METRICS-RCM-DATA record is accessed through CALC DMS CALC using the 629-CALC-KEY.

12.28.1.2. Size and Location. This fixed record length is 10 words and resides in the MGMT-GV area of the SBSS database.

12.28.2. Record Description. The description of the METRICS-RCM-DATA record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.27. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 629-CALC-KEY	PIC X(06)	Note 1
05 629-SYSTEM-DESIGNATOR	PIC X(02)	
05 629-ORG	PIC X(03)	
05 629-TYPE-METRICS	PIC X(01)	
05 629-RCM-GROUP	PIC 9(02) USAGE IS COMP	
05 629-RCM-RTS-UNITS	PIC 9(05) USAGE IS COMP	
05 629-RCM-RTS-DELAYED-B4	PIC 9(05) USAGE IS COMP	
05 629-RCM-RTS-REPAIR-TIME	PIC 9(05) USAGE IS COMP	
05 629-RCM-RTS-DELAYED-AFTER	PIC 9(05) USAGE IS COMP	
05 629-RCM-NRTS-UNITS	PIC 9(05) USAGE IS COMP	
05 629-RCM-NRTS-DELAYED-B4	PIC 9(05) USAGE IS COMP	
05 629-RCM-NRTS-REPAIR-TIME	PIC 9(05) USAGE IS COMP	
05 629-RCM-NRTS-DELAYED-AFTER	PIC 9(05) USAGE IS COMP	



05 629-RCM-COND-UNITS	PIC 9(05) USAGE IS COMP	
05 629-RCM-COND-DELAYED-B4	PIC 9(05) USAGE IS COMP	
05 629-RCM-COND-REPAIR-TIME	PIC 9(05) USAGE IS COMP	
05 629-RCM-COND-DELAYED-AFTER	PIC 9(05) USAGE IS COMP	
<b>Note:</b> 1. The CALC-KEY is made up of the following: <ul style="list-style-type: none"> <li>a. Positions 1-2 = System Designator</li> <li>b. Positions 3-5 = Organization Code</li> <li>c. Position 6 = Type Metrics Code</li> </ul>		

**12.29. Metrics-CWT-Data (630).**

12.29.1. Purpose. To serve as the storage media for selected transaction totals associated with the accumulation of customer wait-time metrics.

12.29.1.1. Access. The METRICS-CWT-DATA record is accessed through CALC DMS CALC using the 630-CALC-KEY.

12.29.1.2. Size and Location. This fixed record length is 25 words and resides in the MGMT-GV area of the SBSS database.

12.29.2. Record Description. The description of the METRICS-CWT-DATA record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.28. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 630-CALC-KEY	PIC X(06)	Note 1
05 630-SYSTEM-DESIG	PIC X(02)	
05 630-CWT	PIC X(03)	
05 630-TYPE-METRICS	PIC X(01)	
05 630-EOM-ZERO-DATE	PIC 9(07)	
05 630-CWT-CATEGORY	OCCURS 10 TIMES	Note 2
10 630-CWT-NBR-REQUESTS	PIC 9(05) USAGE IS COMP	

10 630-CWT-REQUEST-WAIT-TIME	PIC 9(05) USAGE IS COMP	
10 630-CWT-NBR-UNITS	PIC 9(05) USAGE IS COMP	
10 630-CWT-UNIT-WAIT-TIME	PIC 9(05) USAGE IS COMP	

**Note:**

1. The CALC-KEY is made up of the following:
  - a. Positions 1-2 = System Designator
  - b. Positions 3-5 = 3-position alpha characters "CWT"
  - c. Position 6 = Type Metrics Code
2. The following information applies:
  - a. The 10 occurrences of the 630-CWT-CATEGORY are:
    - (1) Operational ORGS
    - (2) Support ORGS
    - (3) Source of Supply (SOS) FGZ
    - (4) SOS FHZ
    - (5) SOS FFZ
    - (6) SOS FPZ
    - (7) SOS FLZ
    - (8) Priority Group I
    - (9) Priority Group II
    - (10) Priority Group III

**Note:** Sacramento ALC (FFZ) and San Antonio ALC (FPZ) are no longer used. Information retained as reference only.

**12.30. Metrics-RCM-CNTL-Record.**

12.30.1. Purpose. To serve as the storage media for organization groups. This record serves as a control for the METRICS-RCM-DATA record. It controls the number of groups loaded for each type metrics and the number of supported organizations loaded for each repair organization.

12.30.1.1. Access. The METRICS-CWT-DATA record is accessed through CALC DMS CALC using the 630-CALC-KEY.

12.30.1.2. Size and Location. This fixed record length is 23 words and resides in the MGMT-GV area of the SBSS database.

12.30.2. Record Description. The description of the METRICS-CWT-DATA record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 12.29. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 631-CALC-KEY	PIC X(05)	Note 1
05 631-SD	PIC X(02)	
05 631-GROUP	PIC 9(02)	
05 631-TYPE-METRICS	PIC X(01)	
05 631-ORGS		
10 631-MASTER-ORG	PIC X(03)	
10 631-MASTER-ORG-NAME	OCCURS 15 TIMES	
15 631-SUPPORTED-ORG	PIC X(03)	
<b>Note:</b> 1. The CALC-KEY is made up of the following: <ul style="list-style-type: none"> <li>a. Positions 1-2 = System Designator</li> <li>b. Positions 3-4 = Repair Group</li> <li>c. Position 5 = Type Metrics Code</li> </ul>		

### 12.31. SIFS Inbound Control Record (720).

12.31.1. Purpose. To maintain the SIFS dispatch instructions for inbound data images arriving on base via DDN. This record is primarily read by program NGV230 (SIFS Inbound Image Handler).

12.31.1.1. Access. The INBOUND-CONTROL record is accessed by the DMS-1100 supplied randomization routine, DMSCALC. The key required to access this record is 720-CALC-KEY. 720-CALC-KEY consists of positions 1-3 Inbound TRIC to be dispatched and positions 4-7 four-position numeric SRAN. **Note:** Duplicate CALC Keys are NOT allowed.

12.31.1.2. Size and Location. This fixed record length is 21 words and resides in the SIFHLD-AREA-NAME area of the SBSS database.

12.31.2. Record Description. The description of the SIFS-INBOUND-CONTROL record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.30. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 720-CALC-KEY	PIC X(07)	

05 720-VARIABLE-LENGTH-FLAG	PIC X(01)	Note 10
05 720-FILLER	PIC X(05)	
05 720-PSEUDO-FLAG	PIC X(01)	Note 1
05 720-OPR-DATA	PIC X(10)	Note 2
05 720-USER-FILE	PIC X(25)	Note 3
05 720-DATA-ELT	PIC X(01)	Note 4
05 720-PC-DOWNLOAD-MSG	PIC X(01)	Note 5
05 720-MEDIA-T	PIC X(01)	Note 6
05 720-MEDIA-L	PIC X(01)	Note 7
05 720-CHANGE-DATE	PIC X(08)	Note 8
05 720-CHANGE-TIME	PIC X(06)	Note 8
05 720-CHANGE-USER	PIC X(06)	Note 9
05 720-WARTIME-FLAG	PIC X(01)	Note 12
05 720-LENGTH	PIC 9(02) USAGE IS COMP	Note 11
05 720-OUTPUT-FUNCTION-PID	PIC 9(06)	

**Note:**

1. PSEUDO-FLAG. This field will contain a P if inbound images with this TRIC are to be loaded to pseudo; otherwise, this field will be blank.
2. OPR-DATA. This field is used to identify the owner of inbound data images with this TRIC. This code will be printed on all significant transactions that affect this TRIC. This field will normally contain an office symbol.
3. USER-FILE. If the user has decided to save copies of inbound data images in a user specified data file, then this field will contain a qualifier\*filename. Otherwise, this field will be blank. SIFS DOES NOT SUPPORT USER FILES WITH READ/WRITE KEYS.
4. DATA-ELT. This field identifies how the inbound data images will be stored in the user file. This field can be blank or contain one of the following values:

E - (E)lement

D - (D)ata (if this option is used, each time inbound images are written to the file, they will overwrite existing images).

A - (A)ppend (if this option is used, each time inbound images are written to the file, they will be added to the end of the file).

5. PC-DOWNLOAD-MSG. This field must contain a Y if the user wishes to download these data images to a personal computer (PC). A Y in this field will result in these images being placed in a flatfile and a message generated to device 057 telling the RPS operator to download the file.
6. MEDIA-T. If this field contains a T, then the USER-FILE will be captured to tape during the SIFS EOD.
7. MEDIA-L. If this field contains an L, then the inbound data image will be listed.
8. CHANGE-DATE and CHANGE-TIME. These fields are updated under program control each time the user performs a function against this record (that is, load or change). The system date/time will be stored in these fields at the time of update. The format for these fields are as follows:  
 CHANGE-DATE : YYMMDD (YY = year, MM = month, and DD = day)  
 CHANGE-TIME : HHMMSS (HH = hour, MM = minute, and SS = seconds)
9. CHANGE-USER. This field is updated under program control. This field will contain the user-ID of the individual performing the change if this record was updated in batch mode. If this record was updated in TIP via TRIC IJC, then this record will contain the initials of the individual performing the change.
10. VARIABLE-LENGTH-FLAG. If the Inbound data image with this TRIC is greater than 80 positions in length, then this field will contain a Y; otherwise, this field will be blank.
11. LENGTH. If the VARIABLE-LENGTH-FLAG is equal to a Y, then the actual record length of the inbound data image will be stored in this field.
12. WARTIME-FLAG. If this inbound TRIC is to be processed while the SBSS is under wartime processing, then enter a Y; otherwise, leave this field blank.

### 12.32. SIFS Output Control Record (721).

12.32.1. Purpose. To maintain the SIFS dispatch instructions for output data images produced by various SBSS application programs.

12.32.1.1. Access. The OUTPUT-CONTROL record is accessed by the DMS-1100 supplied randomization routine, DMSCALC. The key required to this record is 721-CALC-KEY. 721-CALC-KEY consists of the following:

12.32.1.1.1. Positions 1-4 = Four-Position Numeric SRAN

12.32.1.1.2. Positions 5-6 = GV or \*\* (GV - if this record is for output generated in batch mode.

12.32.1.1.2.1. \*\* -If this record is for output generated in TIP mode).

12.32.1.1.3. Positions 7-9 = Program Number (if batch) or TRIC (if TIP)

12.32.1.1.4. Positions 10-11 = Sequence Number (that is, 01, 02, 03) **Note:**  
Duplicate CALC keys are NOT allowed.

12.32.1.2. Size and Location. This fixed record length is 29 words and resides in the SIFHELD-AREA-NAME area of the SBSS database.

12.32.2. Record Description. The description of the SIFS-OUTPUT-CONTROL record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.31. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 721-CALC-KEY	PIC X(11)	
05 721-VARIABLE-LENGTH-FLAG	PIC X(01)	Note 1
05 721-ADRSS-FLAG	PIC X(01)	Note 2
05 721-ADRSS-REVIEW-FLAG	PIC X(01)	Note 3
05 721-DLATS-FLAG	PIC X(01)	Note 4
05 721-OPR-DATA	PIC X(10)	Note 5
05 721-USER-FILE	PIC X(25)	Note 6
05 721-FILLER	PIC X(10)	
05 721-DATA-ELT	PIC X(01)	Note 7
05 721-RCS	PIC X(14)	Note 8
05 721-CONTENT-INDICATOR-CODE	PIC X(04)	Note 9
05 721-PC-DOWNLOAD-MSG	PIC X(01)	Note 10
05 721-MEDIA-T	PIC X(01)	Note 11
05 721-MEDIA-L	PIC X(01)	Note 12
05 721-CHANGE-DATE	PIC X(08)	Note 13
05 721-CHANGE-TIME	PIC X(06)	Note 13
05 721-CHANGE-USER	PIC X(06)	Note 14
05 721-ACK-REQUEST	PIC X(01)	Note 15
05 721-PRIORITY	PIC X(01)	Note 16
05 721-WARTIME-FLAG	PIC X(01)	Note 17
05 721-LENGTH	PIC 9(02) USAGE IS COMP	Note 18
05 721-PSEUDO-FLAG	PIC X(01)	Note 19
05 721-AFEMS-FLAG	PIC X(01)	Note 20
05 721-BCAS-FLAG	PIC X(01)	Note 21
05 721-DEST-COMM-ROUTING-IND	PIC X(10)	
05 721-REPORT-FILE-ID	PIC X(25)	

05 721-ADRSS-FILE-ID	PIC X(25)	
05 721-DEST-BASE-NAME	PIC X(20)	
05 721-OUTPUT-FUNCTION-PID	PIC 9(06)	

**Note:**

1. VARIABLE-LENGTH-FLAG. If the inbound data image with this TRIC is greater than 80 positions in length, then this field will contain a Y; otherwise, this field will be blank.
2. ADRSS-FLAG. If the output image(s) are to be sent out via DDN, then this field will contain a Y; otherwise, this field will be blank.
3. ADRSS-REVIEW-FLAG. This field is primarily used to temporarily hold reports output that needs to be reviewed prior to submission to ADRSS. Reports output will be held if this field contains a Y; otherwise, this field will be blank.
4. DLATS-FLAG. If the output data image is DLATS routable then this field will contain a Y; otherwise, this field will be blank.
5. OPR-CODE. This field is used to identify the owner of output data images with this TRIC. This code will be printed on all significant transactions that affect this TRIC. This field will normally contain an office symbol.
6. USER-FILE. If the user has decided to save copies of output data images in a user specified flatfile, then this field will contain a qualifier\*filename. Otherwise, this field will be blank. **Note:** SIFS does NOT support user files with READ/WRITE keys.
7. DATA-ELT. This field identifies how the output data images will be stored in the user file. This field can be blank or contain one of the following values:  
  

E - (E)lement

D - (D)ata (if this option is used, each time output images are written to the file, they will overwrite existing images).

A - (A)ppend (if this option is used, each time output images are written to the file, they will be added to the end of the file).
8. RCS. For those output images that are DDN bound, this field will contain a reports control symbol (RCS); otherwise, this field will be blank. The RCS code identifies the report to the receiving base. The receiving base will key on the RCS to identify the packet arriving at that base. **Note:** The RCS cannot contain any special characters, embedded spaces, etc.
9. CONTENT-INDICATOR. For ADRSS routable records this field will contain the CIC.
10. PC-DOWNLOAD-MSG. This field will contain a Y if the user wishes to download these data images to a personal computer (PC). Currently, a Y in this field will result in these images being placed in a flat file and a message being generated to device 057 telling the RPS operator to download the file.
11. MEDIA-T. If this field contains a T, then the USER-FILE will be captured to tape during the SIFS EOD.

12. MEDIA-L. If this field contains an L, then the output data image will be listed.
13. CHANGE-DATE and CHANGE-TIME. These fields are updated under program control each time the user performs a function against this record (that is, load or change). The system date/time will be stored in this fields at the time of update. The format for these fields are as follows:

CHANGE-DATE : YYMMDD (YY = year, MM = month, and DD = day)

CHANGE-TIME : HHMMSS (HH = hour, MM = minute, and SS = seconds)

14. CHANGE-USER. This field is updated under program control. This file will contain the userID of the individual performing the change if this record was updated in batch mode. If this record was updated in TIP via TRIC 1JD, then this record will contain the initials of the individual performing the change.
15. ACK-REQUEST. For non-DLATS routable images that are to be sent through DDN, this field will contain a Y if the users want SIFS to build an acknowledgment record for DDN-bound packets with this TRIC/program number.
16. PRIORITY. For images that are to be sent out through DDN, this field will contain one of the following:
- R - (R)outine
- P - (P)riority
17. WARTIME-PROC. If this OUTPUT TRIC is to be processed while the SBSS is under wartime processing, then enter a Y; otherwise, leave this field blank.
18. LENGTH. If the VARIABLE-LENGTH-FLAG is equal to a Y, then the actual record length of the output data image will be stored in this field.
19. PSEUDO-FLAG. This field will contain a P if output images with this TRIC are to be loaded to pseudo; otherwise, this field will be blank.
20. AFEMS-FLAG. If this OUTPUT TRIC is to be sent to AFEMS, enter A; otherwise, this field will be blank.
21. BCAS-FLAG. If this OUTPUT TRIC is to be sent to SPS, enter B; otherwise, this field will be blank.

### 12.33. SIFS Header Record (722).

12.33.1. Purpose. The SIFS header record is used by SIFS to store constant data that is global to a variety of SIFS applications and to store various database flags. These flags are used in decision-making processes by the SIFS applications, and store the date of last review of the SIFS control records.

12.33.1.1. Access. The SIFS-HEADER record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are as follows:

12.33.1.1.1. (1) SIFS-KEY



12.33.1.1.2. (2) SUPRT-AREA-NAME **Note:** The SIFS-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-722). It consists of the following: PAGE-NUM (63) and RECORD-NUM (2).

12.33.1.2. Size and Location. This fixed record length is 65 words and resides in the SIFADR-AREA-NAME area of the SBSS database.

12.33.2. Record Description. The description of the SIFS-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.32. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 722-SRAN	PIC X(04)	Note 1
05 722-SUPPRESS-BSS	PIC X(01)	Note 2
05 722-SUPPRESS-IEU	PIC X(01)	Note 3
05 722-BCAS-SITE-ID	PIC X(06)	Note 4
05 722-SUPPRESS-SIFS-INBOUND	PIC X(01)	Note 5
05 722-SUPPRESS-SIFS-OUTPUT	PIC X(01)	Note 6
05 722-AFEMS-THRESHOLD-COUNT	PIC 9(05) USAGE IS COMP	Note 7
05 722-SUPPRESS-SNUD	PIC X(01)	Note 8
05 722-SUPPRESS-D040	PIC X(01)	Note 9
05 722-SUPPRESS-ISG	PIC X(01)	Note 10
05 722-SUPPRESS-ADRSS-INTERFACE	PIC X(01)	Note 11
05 722-SUPPRESS-BLAMES-INTERFACE	PIC X(01)	Note 12
05 722-TYPE-BCAS-TRANSFER	PIC X(01)	Note 13
05 722-BCAS-THRESHOLD-COUNT	PIC 9(05) USAGE IS COMP	Note 14
05 722-SUPPRESS-BCAS-OUT	PIC X(01)	Note 15
05 722-SIFS-HOLD-CURRENT-COUNT	PIC 9(05) USAGE IS COMP	
05 722-SIFS-HOLD-MAX-IMAGES	PIC 9(05) USAGE IS COMP	Note 16
05 722-SIFS-DAILY-SAVE	OCCURS 10 TIMES	Note 17
10 722-TAPE-NBR	PIC X(06)	

10 722-SAVE-JDAY	PIC X(05)	
05 722-WEEKLY-SAVE	OCCURS 6 TIMES	
10 722-W-TAPE-NBR	PIC X(06)	
10 722-W-SAVE-JDAY	PIC X(05)	
05 722-HOST-ALN	PIC X(04)	Note 18
05 722-HOST-PLN	PIC X(02)	Note 19
05 722-REVIEW-IN-PROGRESS	PIC X(01)	Note 20
05 722-DATE-OF-LAST-REVIEW	PIC 9(07)	Note 21
05 722-SUPPRESS-BCAS-IN	PIC X(01)	Note 22
05 722-SUPPRESS-AFEMS-OUT	PIC X(01)	Note 23
05 722-SUPPRESS-AUTO-RETRANS	PIC X(01)	Note 24
05 722-ZULU-DIFF	PIC X(01)	Note 25
05 722-HOURS-ZULU-DIFF	PIC 9(02)	Note 26
05 722-DLATS-SITE-ID	PIC X(07)	
05 722-WARTIME-FLAG	PIC X(01)	
05 722-FILLER	PIC X(15)	
05 722-CHANGE-DATE	PIC 9(08)	Note 27
05 722-CHANGE-TIME	PIC 9(06)	Note 27
05 722-CHANGE-USER	PIC 9(06)	Note 28
05 722-BCAS-OUTPUT-DATA-COUNT	PIC 9(06)	
05 722-BCAS-USER-COUNT	PIC 9(06)	Note 29
05 722-SIFS-HOLD-OUTPUT-COUNT	PIC 9(06)	
05 722-SIFS-HOLD-USER-COUNT	PIC 9(06)	Note 29
05 722-AFEMS-OUTPUT-DATA-COUNT	PIC 9(06)	
05 722-AFEMS-USER-COUNT	PIC 9(06)	Note 29
05 722-ADRSS-OUTPUT-DATA-COUNT	PIC 9(06)	
05 722-ADRSS-USER-DATA-COUNT	PIC 9(06)	Note 29
<b>Note:</b> 1. SRAN. This field contains the SRAN of the account that owns this record. The SIFS header record is unique to each SRAN.		

2. SUPPRESS-BSS. If the user has elected to prevent the automatic processing of images from the BSS, then this field will contain a Y. Otherwise, this field will be blank. If this field contains a Y, then images from the BSS will be queued until the user releases them.
3. SUPPRESS-IEU. If the user has elected to prevent the automatic processing of images from the IEU, then this field will contain a Y. Otherwise, this field will be blank. If this field contains a Y, then images from the IEU will be queued, until the user releases them.
4. BCAS-SITE-ID. This is the site-ID that will receive any SPS data images. This BCAS Site-ID will function as a U2200 NTR device (i.e., similar to a printer device).
5. SUPPRESS-SIFS-INBOUND. If this field contains a Y, then inbound images will NOT be automatically dispatched. Inbound images will be queued until the user releases them. Otherwise, this field will be blank.
6. SUPPRESS-SIFS-OUTPUT. If this field contains a Y, then all output images for this SRAN will be queued. Otherwise, this field can be blank.
7. AFEMS-THRESHOLD-COUNT. This field contains the minimum Image count before SIFS will be invoked for an automatic transfer of AFEMS-bound data images.
8. SUPPRESS-SNUD. If this field contains a Y, effective SNUD will NOT be processed during beginning-of-day (BOD) processing. Otherwise, this field will be blank.
9. SUPPRESS-D040. If this field contains a Y, users do not want to store D040 data on the database.
10. SUPPRESS-ISG. If this field contains a Y, users do not wish to process 404 (ISG) when the END data image is processed.
11. SUPPRESS-ADRSS-INTFCE. If this field contains a Y, users do not want to interface directly with ADRSS (that is, users will have to manually register images with ADRSS).
12. SUPPRESS-BLAMES-INTFCE. If this field contains a Y, users do not want BLAMES to automatically call SIFS. Users will have to manually start SIFS if this option is set.
13. TYPE-BCAS-XFER. This field tells SIFS the media to be used when sending data images to SPS. Possible values for this field are:

E - (E)lectronic transfer

T - (T)ape transfer

D - Floppy (D)isk transfer

If SPS is active for this system designator (SRAN), this field CANNOT be blank.

14. BCAS-THRESHOLD-COUNT. This field contains the minimum image count before SIFS will be invoked for an automatic transfer of SPS-bound data images.
15. SUPPRESS-BCAS-OUT. If this field contains a Y, users do not want SIFS to automatically transfer images to SPS. If this option is set, any images going to SPS will be queued, until the user manually releases these images.

16. SIFS-HOLD-MAX-IMAGES. This field contains the minimum image count before SIFS will be invoked for an automatic dispatch of data images. SIFS will be invoked at 75 percent of this number. This field CANNOT be blank.
17. SIFS-DAILY-SAVE. This field is not used.
18. HOST-ALN. This field contains the host DMC number. This field CANNOT be blank.
19. HOST-PLN. This field contains the PLN of the host DPC. This field CANNOT be blank.
20. REVIEW-IN-PROGRESS. If a review of the SIFS control records is currently in progress, this field will contain a P (Review (P)ending). Otherwise, this field will be blank.
21. DATE-OF-LAST-REVIEW. This field will contain the five-position ordinal Julian date from the last time a review of the SIFS control records was completed.
22. SUPPRESS-BCAS-IN. If this field contains a Y; then images coming from SPS will not be automatically processed by SIFS. These images will be queued until the user releases these images, if this option is set.
23. SUPPRESS-AFEMS-OUT. If this field contains a Y, then images bound for the AFEMS will be queued until the user manually releases these images.
24. SUPPRESS-AUTO-RETRANS. If this field contains a Y, then delinquent DDN packets will NOT be automatically retransmitted.
25. ZULU-DIFF. This field tells SIFS if the geographic date/time of this site, relative to Zulu (GMT) time is:

Ahead (+) of Zulu Time (that is, West of Greenwich, England)

Behind (-) Zulu Time (that is, East of Greenwich, England)

Equal (=) to Zulu Time (that is, Same time-zone as Greenwich, England)

26. HOURS-ZULU-DIFF. This field tells SIFS the actual number of hours difference between the time at this site and Zulu time.
27. CHANGE-DATE and CHANGE-TIME. These fields are updated under program control each time the user performs a function against this record (that is, load or change). The system date/time will be stored in this fields at the time of update. The format for these fields are as follows:
 

CHANGE-DATE : YYMMDD (YY = year, MM = month, and DD = day)

CHANGE-TIME : HHMMSS (HH = hour, MM = minute, and SS = seconds)
28. CHANGE-USER. This field is updated under program control. This field will contain the user-ID of the individual performing the change if this record was updated in batch mode. If this record was updated in TIP via TRIC 1JD, then this record will contain the initials of the individual performing the change.
29. BCAS, AFEMS, ADRSS AND SIFS HOLD-USER-DATA-COUNTS. These fields show the max number of images that will be stored on each respective record. These user defined fields are used by

NGV250 to determine if the hold areas need to be cleared. If NGV250 determines that the hold area count is at 75 percent of the threshold, or greater, it will dispatch the held images by executing one of the following programs: NGV232O (BCAS), NGV237X (ADRSS), NGV240O (AFEMS), or NGV250H (SIFS HOLD).

#### 12.34. SIFS DLATS Header Record (723).

12.34.1. Purpose. To provide SIFS/SBSS programs with an entry point to the DLATS data records.

12.34.1.1. Access. The DLATS-HEADER record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are DLATS-KEY and SIFADR-AREA-NAME. **Note:** The DLATS-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-723). It consists of PAGE-NUM (1) and RECORD-NUM (1).

12.34.1.2. Size and Location. This fixed record length is 16 words and resides in the SIFADR-AREA area of the SBSS database.

12.34.2. Record Description. The description of the SIFS-DLATS-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.33. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 723-DLATS	PIC X(01)	
05 723-FILLER	PIC X(50)	

#### 12.35. SIFS DLATS/ADRSS Bound Data Record (724 ).

12.35.1. Purpose. To temporarily hold DLATS bound images. DLATS bound images are held in this record until ADRSS (NAAAUT) is run at the DMC or until the next run of NGV250 (master SIFS dispatcher). At that point, these images will be stripped from the database and passed to ADRSS.

12.35.1.1. Access. The SIFS-DLATS-ADRSS record is a member of the DLATS-ADRSS set whose owner is the DLATS-HEADER record and is accessed through this set.

12.35.1.2. Size and Location. This fixed record length is 24 words and resides in the SIFADR-AREA area of the SBSS database.

12.35.2. Record Description. The description of the SIFS-DLATS-ADRSS record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.34. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 724-DLATS-ADRSS-IMAGE		
10 724-DASS-TRIC	PIC X(03)	
10 724-DLATS-IMAGE-1	PIC X(77)	

10 724-DASS-IMAGE-2	PIC X(80)	
10 724-DASS-IMAGE-3	PIC X(80)	
10 724-DLATS-IMAGE-4	PIC X(80)	
05 724-LENGTH	PIC 9(05)	
05 724-FILLER	PIC X(20)	
05 724-SRAN	PIC X(04)	
05 724-ORIG-INPUT-INITS	PIC X(06)	
<b>Note:</b> DLATS-ADRSS-IMAGE. This field contains the actual data image that are DLATS bound.		

**12.36. SIFS NON-DLATS Header Record (725).**

12.36.1. Purpose. To provide SIFS/SBSS programs with an entry point to the non-DLATS data records.

12.36.1.1. Access. The SIFS-NON-DLATS-HEADER record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are NON-DLATS-KEY and SIFADR-AREA-NAME. **Note:** The NON-DLATS-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-725). It consists of PAGE-NUM (60) and RECORD-NUM (1).

12.36.1.2. Size and Location. This fixed record length is 18 words and resides in the SIFADR-AREA area of the SBSS database.

12.36.2. Record Description. The description of the SIFS-NON-DLATS-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.35. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 725-NON-DLATS	PIC X(01)	
05 725-FILLER	PIC X(50)	

**12.37. SIFS SNUD Header Record (727).**

12.37.1. Purpose. To maintain SNUD data images with an effective date.

12.37.1.1. Access. The SNUD-HEADER record is accessed by the DMS-1100 supplied randomization routine, DMSCALC. The key required to access this record is 727-CALC-KEY. The 727-CALC-KEY consists of positions 1-5, Ordinal Effective Julian Date.

12.37.1.2. Size and Location. This fixed record length is six words and resides in the SIFHLD-AREA area of the SBSS database. **Note:** Duplicate CALC keys are NOT allowed.

12.37.2. Record Description. The description of the SNUD-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.36. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 727-CALC-KEY	PIC 9(05)	

**12.38. SIFS SNUD Effective Date Header Record (728).**

12.38.1. Purpose. To maintain the SNUD effective date.

12.38.1.1. Access. The SIFS-SNUD-DATE-HEADER record is accessed by the DMS-1100 supplied randomization routine, DMSCALC. The key required to access this record is 728-DATE. The 728-DATE consists of positions 1-5, Ordinal Effective Julian Date.

12.38.1.2. Size and Location. This fixed record length is 20 words and resides in the SIFHLD-AREA area of the SBSS database. **Note:** Duplicate CALC keys are NOT allowed.

12.38.2. Record Description. The description of the SIFS-SNUD-DATE-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.37. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 728-DATE	PIC 9(07)	
05 728-FILLER	PIC X(50)	

**12.39. SIFS SNUD DATA Image Record (729).**

12.39.1. Purpose. To temporarily store SNUD data images with an effective date.

12.39.1.1. Access. The SNUD-IMAGE record is a member of the SNUD-IMAGES set whose owner is the SIFS-SNUD-DATE-HEADER record and is accessed through this set.

12.39.1.2. Size and Location. This fixed record length is 23 words and resides in the SIFADR-AREA area of the SBSS database.

12.39.2. Record Description. The description of the SIFS-SNUD-IMAGE record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.38. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 729-SNUD-IMAGE		
10 729-SNUD-TRIC	PIC X(03)	
10 729-SNUD-IMAGE-1	PIC X(77)	
10 729-SNUD-IMAGE-2	PIC X(80)	
10 729-SNUD-IMAGE-3	PIC X(80)	
10 729-SNUD-IMAGE-4	PIC X(80)	

05 729-SRAN	PIC X(04)	
05 729-EFFECTIVE-DATE	PIC X(07)	
05 729-RECORD-LENGTH	PIC 9(05)	

#### 12.40. SIFS D040 Data Header Record (730).

12.40.1. Purpose. To provide SIFS/SBSS programs with an entry point to the D040 data records.

12.40.1.1. Access. The SIFS-D040-HEADER record is accessed by the DMS-1100 supplied randomization routine, DMSCALC. The key required to access this record is 730-CALC-KEY. The 730-CALC-KEY consists of the following:

12.40.1.1.1. Positions 1-12 = Serial Number

12.40.1.2. Size and Location. This fixed record length is 21 words and resides in the SIFHLD-AREA area of the SBSS database. **Note:** Duplicate CALC keys are NOT allowed.

12.40.2. Record Description. The description of SIFS-D040-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.39. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 730-CALC-KEY	PIC X(12)	
05 730-SYSTEM-DESIGNATOR	PIC X(02)	
05 730-DATE-INIT-RECEIVED	PIC 9(07) USAGE IS COMP	
05 730-DATE-KIT-RECEIVED-COMPLETE	PIC 9(07) USAGE IS COMP	
05 730-FILLER	PIC X(50)	

#### 12.41. SIFS D040 Data Image Record (731).

12.41.1. Purpose. To hold D040 data for report S05/S07 processing.

12.41.1.1. Access. The SIFS-D040-IMAGE record is a member of the D040-HDR-IMAGE set whose owner is the D040-HEADER record and is accessed through this set.

12.41.1.2. Size and Location. This fixed record length is 43 words and resides in the SIFADR-AREA area of the SBSS database.

12.41.2. Record Description. The description of the SIFS-D040-IMAGE record as it appears in the schema, subschema, and DML/COBOL programs.



**Table 12.40. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 731-D040-IMAGE		
10 731-D040-TRIC	PIC X(03)	
10 731-D040-DATA-IMAGE-1	PIC X(77)	
10 731-D040-DATA-IMAGE-2	PIC X(80)	
10 731-D040-DATA-IMAGE-3	PIC X(80)	
10 731-D040-DATA-IMAGE-4	PIC X(80)	
10 731-RECORD-LENGTH	PIC 9(05)	
10 731-SRAN	PIC X(04)	

**12.42. SIFS 404 (ISG) Header Record (732).**

12.42.1. Purpose. To provide SIFS/SBSS programs with an entry point to the 404/ISG data records.

12.42.1.1. Access. The SIFS-404-HEADER record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are 404-KEY and SIFADR-AREA-NAME. **Note:** The 404-key is contained in the SUPRT-AREA-KEYS record (015-RT-732). It consists of PAGE-NUM (100) and RECORD-NUM (1).

12.42.1.2. Size and Location. This fixed record length is 17 words and resides in the SIFADR-AREA area of the SBSS database.

12.42.2. Record Description. The description of the SIFS-404-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.41. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 732-404-HEADER	PIC X(03)	
05 732-FILLER	PIC X(50)	

**12.43. SIFS 404 (ISG) Data Image Record (733).**

12.43.1. Purpose. To hold 404 data images for 404 processing.

12.43.1.1. Access. The SIFS-404-DATA-IMAGES record is a member of the 404-IMAGE set whose owner is the SIFS-404-HEADER record and is accessed through this set.

12.43.1.2. Size and Location. This fixed record length is 23 words and resides in the SIFADR-AREA area of the SBSS database.

12.43.2. Record Description. The description of the SIFS-404-DATA-IMAGES record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.42. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES
05 733-404-IMAGE		
10 733-404-TRIC	PIC X(03)	
10 733-404-DATA-1	PIC X(77)	
10 733-404-DATA-2	PIC X(80)	
10 733-404-DATA-3	PIC X(80)	
10 733-404-DATA-4	PIC X(80)	
10 733-404-RECORD-LENGTH	PIC 9(05) USAGE IS COMP	
10 733-404-SRAN	PIC X(04)	

**12.44. SIFS Inbound Data Equate Record (734).**

12.44.1. Purpose. This record tells SIFS applications where the key routing information is on each inbound data image.

12.44.1.1. Access. The INBOUND-EQUATE record is accessed by the DMS-II00 supplied randomization routine, DMSCALC. The key required to access this record is 734-CALC-KEY. The 734-CALC-KEY consists of positions 1-3, inbound TRIC to be dispatched.

12.44.1.2. Size and Location. This fixed record length is four words and resides in the SIFHLD-AREA area of the SBSS database. **Note:** Duplicate CALC keys are NOT allowed.

12.44.2. Record Description. The description of the INBOUND-EQUATE record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.43. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 734-CALC-KEY	PIC X(03)	
05 734-START-POSITION	PIC 9(05) USAGE IS COMP	
05 734-FIELD-LENGTH	PIC 9(05) USAGE IS COMP	
05 734-TYPE-ROUTING-IND	PIC X(01)	
05 734-FILLER	PIC X(20)	
05 734-CHANGE-DATE	PIC X(08)	

05 734-CHANGE-TIME	PIC X(06)	
05 734-CHANGE-USER	PIC X(06)	

**12.45. SIFS SBSS/SPS Header Record (735).**

12.45.1. Purpose. To provide SIFS/SBSS programs with an entry point to the SIFS-SBSS-TO-BCAS data records.

12.45.1.1. Access. The SIFS-SBSS-BCAS-HEADER record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are SBSS-BCAS-KEY and SIFADR-AREA-NAME. **Note:** The SIFS-SBSS-BCAS-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-735). It consists of PAGE-NUM (130) and RECORD-NUM (1).

12.45.1.2. Size and Location. This fixed record length is 16 words and resides in the SIFADR-AREA area of the SBSS database.

12.45.2. Record Description. The description of the SIFS-SBSS-BCAS-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.44. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 735-SBSS-BCAS-FLAG	PIC X(01)	
05 735-FILLER	PIC X(50)	

**12.46. SIFS SBSS to BCAS Data Record (736).**

12.46.1. Purpose. To hold SPS bound images.

12.46.1.1. Access. The SIFS-SBSS-TO-BCAS record is a member of the SBSS-BCAS set whose owner is the SIFS-SBSS-BCAS-HEADER record and is accessed through this set.

12.46.1.2. Size and Location. This fixed record length is 24 words and resides in the SIFADR-AREA area of the SBSS database.

12.46.2. Record Description. The description of the SIFS-SBSS-TO-BCAS record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.45. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 736-BCAS-BOUND-IMAGE		
10 736-BCAS-TRIC	PIC X(03)	
10 736-BCAS-DATA-1	PIC X(77)	
10 736-BCAS-DATA-2	PIC X(80)	
10 736-BCAS-DATA-3	PIC X(80)	

10 736-BCAS-DATA-4	PIC X(80)	
05 736-BCAS-RECORD-LENGTH	PIC 9(05)	
05 736-LARGE-DOLLAR-HOLD	PIC X(01)	
05 736-JULIAN-DATE	PIC 9(07) USAGE IS COMP	
05 736-FILLER	PIC X(20)	
05 736-ORIG-INPUT-TRIC	PIC X(05)	
05 736-SRAN	PIC X(04)	
05 736-ORIG-INPUT-INITs	PIC X(06)	

#### 12.47. SIFS BCAS Inbound Header Record (737).

12.47.1. Purpose. To provide SIFS/SBSS programs with an entry point to the SIFS-BCAS-INBOUND-IMAGE data records.

12.47.1.1. Access. The SIFS-BCAS-INBOUND-HEADER record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are BCAS-SBSS-KEY and SIFADR-AREA-NAME. **Note:** The BCAS-SBSS-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-737). It consists of PAGE-NUM (140) and RECORD-NUM (I).

12.47.1.2. Size and Location. This fixed record length is 16 words and resides in the SIFADR-AREA area of the SBSS database.

12.47.2. Record Description. The description of the SIFS-BCAS-INBOUND-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.46. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 737-BCAS-SBSS-FLAG	PIC X(01)	
05 737-FILLER	PIC X(50)	

#### 12.48. SIFS BCAS Inbound Image Record (738).

12.48.1. Purpose. To temporarily hold inbound SPS images.

12.48.1.1. Access. The SIFS-BCAS-INBOUND-IMAGE record is a member of the BCAS-SBSS set whose owner is the SIFS-BCAS-INBOUND-HEADER record and is accessed through this set.

12.48.1.2. Size and Location. This fixed record length is 24 words and resides in the SIFADR-AREA area of the SBSS database.

12.48.2. Record Description. The description of the SIFS-BCAS-INBOUND-IMAGE record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.47. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 738-SBSS-BOUND-IMAGE		
10 738-TRIC	PIC X(03)	
10 738-SBSS-DATA-1	PIC X(77)	
10 738-SBSS-DATA-2	PIC X(80)	
10 738-SBSS-DATA-3	PIC X(80)	
10 738-SBSS-DATA-4	PIC X(80)	
05 738-RECORD-LENGTH	PIC 9(05)	
05 738-JULIAN-DATE	PIC 9(07) USAGE IS COMP	
05 738-FILLER	PIC X(20)	

**12.49. SIFS Acknowledgment Header Record (739).**

12.49.1. Purpose. To provide SIFS/SBSS programs with an entry point to the SIFS acknowledgment data records.

12.49.1.1. Access. The ACKNOWLEDGE-HEADER record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are ACK-KEY and SIFADR-AREA-NAME. **Note:** The ACK-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-739). It consists of PAGE-NUM (ISO) and RECORD-NUM (I).

12.49.1.2. Size and Location. This fixed record length is 18 words and resides in the SIFADR-AREA area of the SBSS database.

12.49.2. Record Description. The description of the ACKNOWLEDGE-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.48. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 739-ACK-FLAG	PIC X(01)	
05 739-FILLER	PIC X(50)	

**12.50. SIFS BCAS Acknowledgment Record (740).**

12.50.1. Purpose. To provide a log of images transferred to and from SPS.

12.50.1.1. Access. The BCAS-ACKNOWLEDGE record is a member of the SIFS-ACK set whose owner is the ACKNOWLEDGE-HEADER record and is accessed through this set.

12.50.1.2. Size and Location. This fixed record length is eight words and resides in the SIFADR-AREA area of the SBSS database.

12.50.2. Record Description. The description of the BCAS-ACKNOWLEDGE record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.49. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 740-SOURCE-IDENTIFIER	PIC X(04)	
05 740-JULIAN-DATE	PIC 9(07) USAGE IS COMP	
05 740-PACKET-SEQUENCE-NUMBER	PIC 9(04)	
05 740-TRANSFER-MEDIA	PIC X(01)	
05 740-IMAGE-COUNT	PIC 9(05) USAGE IS COMP	
05 740-DELINQUENT-FLAG	PIC X(01)	
05 740-SRAN	PIC X(04)	
05 740-FILLER	PIC X(04)	
J-DAY IS LINK TO HEADER AND TAPE W/DATA ON RETRANS.		

### 12.51. SIFS Residue Header Record (741).

12.51.1. Purpose. To provide SIFS/SBSS programs with an entry point to the residue records.

12.51.1.1. Access. The SIFS-RESIDUE-HEADER record is accessed in a direct mode. The two parameters that must be initialized before accessing this record are RESIDUE-KEY and SIFADR-AREA-NAME. **Note:** The RESIDUE-KEY is contained in the SUPRT-AREA-KEYS record (015-RT-741). It consists of PAGE-NUM (160) and RECORD-NUM (1).

12.51.1.2. Size and Location. This fixed record length is 18 words and resides in the SIFADR-AREA area of the SBSS database.

12.51.2. Record Description. The description of the SIFS-RESIDUE-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.50. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 741-RESIDUE	PIC X(07)	
05 741-FILLER	PIC X(50)	

### 12.52. SIFS Output Data Residue Record (742).

12.52.1. Purpose. To hold output residue data images.

12.52.1.1. Access. The SIFS-OUTPUT-RESIDUE record is a member of the INBOUND-OUTPUT-RESIDUE set whose owner is the RESIDUE-RECORD record and is accessed through this set.

12.52.1.2. Size and Location. This fixed record length is 29 words and resides in the SIFADR-AREA area of the SBSS database.

12.52.2. Record Description. The description of the SIFS-OUTPUT-RESIDUE record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.51. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 742-RESIDUE-IMAGE		
10 742-RESIDUE-TRIC	PIC X(03)	
10 742-RESIDUE-IMAGE-1	PIC X(77)	
10 742-RESIDUE-IMAGE-2	PIC X(80)	
10 742-RESIDUE-IMAGE-3	PIC X(80)	
10 742-RESIDUE-IMAGE-4	PIC X(80)	
05 742-RESIDUE-SRAN	PIC X(04)	
05 742-RESIDUE-IMAGE	PIC X(80)	
05 742-USER-ID	PIC X(06)	
05 742-RESIDUE-REASON	PIC X(03)	
05 742-PROG-NBR	PIC X(05)	
05 742-DELINQUENT-FLAG	PIC X(01)	
05 742-RESIDUE-DATE	PIC 9(07) USAGE IS COMP	
05 742-FILLER	PIC X(20)	
05 742-ORIG-INPUT-TRIC	PIC X(05)	
05 742-ORIG-INPUT-INITS	PIC X(06)	

### **12.53. SIFS Inbound Residue Record (743).**

12.53.1. Purpose. To hold Inbound Residue data images.

12.53.1.1. Access. The SIFS-INBOUND-RESIDUE record is a member of the INBOUND-OUTPUT-RESIDUE set whose owner is the RESIDUE-RECORD record and is accessed through this set.

12.53.1.2. Size and Location. This fixed record length is 33 words and resides in the SIFADR-AREA area of the SBSS database.

12.53.2. Record Description. The description of the SIFS-INBOUND-RESIDUE record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.52. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 743-RESIDUE-IMAGE		
10 743-RESIDUE-TRIC	PIC X(03)	
10 743-RESIDUE-DATA-1	PIC X(77)	
10 743-RESIDUE-DATA-2	PIC X(80)	
10 743-RESIDUE-DATA-3	PIC X(80)	
10 743-RESIDUE-DATA-4	PIC X(80)	
05 743-RECORD-LENGTH	PIC 9(05)	
05 743-RESIDUE-REASON	PIC X(03)	
05 743-DELINQUENT-FLAG	PIC X(01)	
05 743-RESIDUE-DATE	PIC 9(07) USAGE IS COMP	
05 743-RESIDUE-SRAN	PIC X(04)	
05 743-INBOUND-RESIDUE-SOURCE	PIC X(11)	
05 743-INBOUND-RESIDUE-RCS	PIC X(14)	
05 743-FILLER	PIC X(20)	

**12.54. SIFS DLATS/ADRSS Transmission Acknowledgment Record (744).**

12.54.1. Purpose. To provide a log of those images sent out through DDN to DLATS.

12.54.1.1. Access. The SIFS-DLATS-ACKNOWLEDGE record is a member of the SIFS-ACKNOWLEDGE set whose owner is the ACKNOWLEDGE-HEADER record and is accessed through this set.

12.54.1.2. Size and Location. This fixed record length is 22 words and resides in the SIFADR-AREA area of the SBSS database.

12.54.2. Record Description. The description of the SIFS-DLATS-ACKNOWLEDGE record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.53. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 744-ORIGINATING-ROUTING-IND	PIC X(07)	
05 744-CONTENT-INDICATOR-CODE	PIC X(04)	



05 744-IMAGE-COUNT	PIC 9(10) USAGE IS COMP	
05 744-SUPPLEMENTAL-FROM	PIC X(06)	
05 744-DEST-ROUTING-IND	PIC X(07)	
05 744-JULIAN-DATE	PIC 9(07) USAGE IS COMP	
05 744-CALENDAR-DATE	PIC X(08)	
05 744-CALENDAR-TIME	PIC X(06)	
05 744-DELINQUENT-FLAG	PIC X(01)	
05 744-RETRANSMITTAL-FLAG	PIC X(01)	
05 744-NBR-RETRANSMITTALS	PIC 9(05) USAGE IS COMP	
05 744-RCS	PIC X(14)	
05 744-ORIGINATING-SRAN	PIC X(04)	
05 744-ORIGINATING-PRIORITY	PIC X(01)	
05 744-FILLER	PIC X(20)	

### 12.55. SIFS Transaction History Record (745).

12.55.1. Purpose. To provide a log of significant SIFS events. These events will be printed on the SIFS EOD listing.

12.55.1.1. Access. The SIFS-TRANS-HISTORY record is a member of the ACK-TRANS set whose owner is the ACKNOWLEDGE-HEADER record and is accessed through this set.

12.55.1.2. Size and Location. This fixed record length is 41 words and resides in the SIFADR-AREA area of the SBSS database.

12.55.2. Record Description. The description of the SIFS-TRANS-HISTORY record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.54. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 745-TYPE-SIFS-TRANSACTION	PIC X(05)	
05 745-JULIAN-DATE	PIC 9(07) USAGE IS COMP	
05 745-TRANS-CALENDAR-DATE	PIC X(08)	

05 745-TRANS-CALENDAR-TIME	PIC X(06)	
05 745-TRANS-TAPE	PIC X(06)	
05 745-MISC-TRANS-REC	PIC X(70)	
05 745-RECORD-COUNT	PIC 9(10) USAGE IS COMP	
05 745-BATCH-PROG-ID	PIC X(05)	
05 745-USER-FILE	PIC X(25)	
05 745-ELT-NAME	PIC X(15)	
05 745-USER-ID	PIC X(06)	
05 745-FILLER	PIC X(20)	
05 745-SRAN	PIC X(04)	

### 12.56. SIFS SBSS/AFEMS Header Record (747).

12.56.1. Purpose. To provide SIFS/SBSS programs with an entry point to the SIFS-AFEMS-OUTBOUND-IMAGE-RECORD.

12.56.1.1. Access. The SIFS-AFEMS-OUTBOUND-HEADER is accessed in a direct mode. The two parameters that must be initialized before accessing this record are SBSS-AFEMS-KEY and SIFADR-AREA-NAME. **Note:** The SBSS-AFEMS-KEY is contained in the SUPPORT-AREA-KEYS record (015-RT-747). It consists of PAGE-NUM (170) and RECORD-NUM (1).

12.56.1.2. Size and Location. This fixed record length is 18 words and resides in the SIFADR-AREA area of the SBSS database.

12.56.2. Record Description. The description of the SIFS-AFEMS-OUTBOUND-HEADER record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.55. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 747-SBSS-AFEMS	PIC X(07)	
05 747-FILLER	PIC X(50)	

### 12.57. SIFS AFEMS Outbound Data Record (748).

12.57.1. Purpose. To hold AFEMS bound images.

12.57.1.1. Access. The SIFS-AFEMS-OUTBOUND-IMAGE record is a member of the SBSS-AFEMS set whose owner is the SIFS-AFEMS-OUTBOUND-HEADER record and is accessed through this set.

12.57.1.2. Size and Location. This fixed record length is 24 words and resides in the SIFADR-AREA area of the SBSS database.

12.57.2. Record Description. The description of the SIFS-AFEMS-OUTBOUND-IMAGE record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.56. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 748-AFEMS-BOUND-IMAGE		
10 748-AFEMS-BOUND-TRIC	PIC X(03)	
10 748-AFEMS-BOUND-DATA-1	PIC X(77)	
10 748-AFEMS-BOUND-DATA-2	PIC X(80)	
10 748-AFEMS-BOUND-DATA-3	PIC X(80)	
10 748-AFEMS-BOUND-DATA-4	PIC X(80)	
05 748-RECORD-LENGTH	PIC 9(05)	
05 748-JULIAN-DATE	PIC 9(07) USAGE IS COMP	
05 748-ORIG-INPUT-TRIC	PIC X(05)	
05 748-ORIG-INPUT-INITS	PIC X(06)	

**12.58. SIFS Hold Data Record (751).**

12.58.1. Purpose. To temporarily hold NON-DDN bound images that are generated by SBSS application programs.

12.58.1.1. Access. The SIFS-HOLD record is a member of the NON-DLATS-HOLD set whose owner is the NON-DLATS-HEADER record and is accessed through this set.

12.58.1.2. Size and Location. This fixed record length is 27 words and resides in the SIFADR-AREA area of the SBSS database.

12.58.2. Record Description. The description of the SIFS-HOLD record as it appears in the schema, subschema, and DML/COBOL programs.

**Table 12.57. Record Description.**

FORMAT	DATA TYPE/SIZE	NOTES/REMARKS
05 751-HOLD-IMAGE		
10 751-HOLD-TRIC	PIC X(03)	
10 751-HOLD-DATA-1	PIC X(77)	
10 751-HOLD-DATA-2	PIC X(80)	
10 751-HOLD-DATA-3	PIC X(80)	
10 751-HOLD-DATA-4	PIC X(80)	

05 751-RECORD-LENGTH	PIC 9(05)	
05 751-HOLD-ACTION	PIC X(15)	
05 751-SRAN	PIC X(04)	
05 751-HOLD-KEY	PIC X(11)	
05 751-FILLER	PIC X(20)	
05 751-ORIG-INPUT-TRIC	PIC X(05)	
05 751-ORIG-INPUT-INITS	PIC X(06)	

**Chapter 13**

**RESERVED**

**13.1. Reserved.**

## Chapter 14

### TRANSACTION HISTORY RECORDS

#### *Section 14A—Transaction History Records*

**14.1. Overview.** This chapter provides the following data: The format of the transaction history record ([Para 14.3](#)); the standard print positions of the transaction/document register ([Para 14.4](#)); the transaction history exception records cross-reference index; and the transaction history exception records arranged as paragraphs to this section. **Notes:** 1. The database records are required. They may not be altered except as permitted under program control with an authorized input. The techniques used to locate all SBSS database records are contained in [Chapter 3](#). 2. The term Materiel Support Division (MSD) is now the Consolidated Sustainment Activity Group-Supply (CSAG-S). However, in this chapter wherever MSD is used in a systems output, the older term is used to reflect the actual output. The term will be updated upon system programmatic updates. 3. The term Defense Business Operations Fund (DBOF) is now the Defense Working Capital Fund (DWCF). However, in this chapter wherever DBOF is used in a systems output, the older term is used to reflect the actual output. The term will be updated upon system programmatic updates.

#### **14.2. Consolidated Transaction History Records.**

14.2.1. Included in this chapter are the record formats for the consolidated transaction history (CTH) process. (CTH records are [Para 14.102](#) through [Para 14.112](#)) These records differ from the 901-TRANSACTION-HISTORY record as stated below:

14.2.1.1. All transactions are maintained in the CTH area of the SBLC and are backed up on tape. Users can query CTH transactions through a Master Inquiry Menu. (See AFH 23-123, Vol 2, Pt 2, Ch 4, for details on how to use the CTH inquiry process.) All document control records (DCRs) are stored on the SBLC. The DCRs are cleared through personal computer interface.

14.2.2. All delinquent source documents are stored on the SBLC and cleared through personal computer interface.

#### **14.3. Transaction History Record (901).**

14.3.1. Purpose. To indicate that updating of records has been completed. Transaction history records are evidence of completed updating, and are used to prepare Transaction and Document Control Registers and the Accounting and Finance Listings. In addition, they provide a method of statistical gathering that is essential to management at all levels of command. Transaction history records are created only during the inline or twilight processing modes.

14.3.1.1. Access. This record is accessed via DMSCALC using the 901-CALC-KEY, which consists of the following:

14.3.1.1.1. For National stock numbers.

14.3.1.1.1.1. Positions 1-2 = 901-System designator

14.3.1.1.1.2. Position 3 = 5th position of stock number

14.3.1.1.1.3. Positions 4-5 = \*\*

14.3.1.1.1.4. Positions 6-13 = Positions 6-13 of stock number

14.3.1.1.2. For L&P stock numbers.

14.3.1.1.2.1. Positions 1-2 = 901-System designator

14.3.1.1.2.2. Position 3 = 5th position of stock number

14.3.1.1.2.3. Positions 4-5 = Positions 14-15 of stock number

14.3.1.1.2.4. Position 6 = 6th position of stock number

14.3.1.1.2.5. Positions 7-8 = Positions 12-13 of stock number

14.3.1.1.2.6. Positions 9-13 = Positions 7-11 of stock number

14.3.1.2. Size and Location. This fixed record length is 54 words and resides in the TXHIST-GV area of the SBSS database.

14.3.2. Record Description. The description of the TRANSACTION-HISTORY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 14.1. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Note 1
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Note 2
05 901-DEMAND-CODE	PIC X(01)	Note 3
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 4
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 5
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Note 6
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Note 7

05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	Note 8
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	Note 8
05 901-FIA-TRANS	PIC X(03)	Note 9
05 901-ACTION-QTY	PIC 9(06)	Note 10
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 11
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Note 12
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Note 13
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 14
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	Note 15
05 901-PRINT-FLAG	PIC X(01)	Note 16
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 2
05 901-DEPLOYED-FLAG	PIX X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	



05 901-USERS-INITIALS	PIC X(04)	Note 17
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	Serialized Report Code (SRC) if applicable
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	Note 26
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Note 18
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	Note 19
05 901-DBOF-FLAG	PIC X(01)	Note 20
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 21
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 22
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 23

05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 24
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 25
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b>		

1. This field contains the materiel category or source of supply code for transaction histories relating to the fuels account (type account code P), unless an exception is made for other purposes.
2. The position is the fiscal year identifier for budget code Z transactions. TTPC 8F transactions have the reason-why code or are left blank.
3. This field will contain a “Z” when the transaction is a result of 99S or DWA input transaction for push due-in.
4. For budget code Z transactions, the fund code is structured with the fund code identifier in the first position and the fiscal year identifier in the last position.
5. No edits are performed on activity code Y document numbers assigned by file maintenance programs. All other document numbers must pass the following general edits:

**Table 14.2. General Edits.**

<b>DOCUMENT NUMBER POSITION</b>	<b>EDIT</b>
7-10	These positions must be numeric, except for file maintenance transactions. File maintenance item numbered documents contain all zeros in this field.
8-10	These positions must be numeric and 001 through 366, except for file maintenance transactions. File maintenance item numbered documents contain all zeros in this field.
2-14	These positions cannot be all zeros. They cannot contain blanks or special characters.
12-14	These positions can be all zeros, alpha, or numeric.
<ol style="list-style-type: none"> <li>6. The 901-DATE-OF-LAST-DEMAND (DOLD) field will not contain special characters.</li> <li>7. The 901-ENDING-BALANCE field is numeric or blank.</li> <li>8. The transaction date and serial number fields are numeric; they cannot be zero or blank.</li> <li>9. The financial account code field must be numeric.</li> <li>10. The action quantity field must be numeric or blank.</li> <li>11. The extended cost field must be numeric or blank.</li> <li>12. The date of last transaction field must be numeric or blank.</li> <li>13. The 901-OUTPUT-FUNCTION-NBR will be 803 if the 001-SATS-A equals “A” in any occurrence indicating that SATS is active for that system designator.</li> </ol>	

14. This is the materiel acquisition control record (MACR) update code for BC Z transactions.

15. The transaction phase code field cannot be blank. A 16-bit in the first position indicates a transaction for a record correction & reversal.

16. The following information applies:

a. 1 Bit = A document control card is to be punched. When the CMOS flag is on, the 1 bit will be turned off.

b. 2 Bit = Transaction history data are to be printed on the Document Register.

c. 4 Bit = Transaction history data are to be printed on the Transaction Register.

d. 8 Bit = The item is classified, or if the item has either a serviceable balance or a warehouse location, then this transaction history reflects the change to unclassified controlled item code (CIC). Bit 8 is also set for due-out release (DOR) to Defense Mapping Agency (DMA) activities from TEX code Y receipts.

e. 16 Bit = Environmental health items are identified.

f. 32 Bit = Cryptologic materiel is transferred to disposal.

g. The following information applies:

**Table 14.3. 901-PRINT-FLAG Information.**

<b>PRINTABLE CHARACTER</b>	<b>APPLICABLE BITS THAT APPLY</b>
] (Bracket)	1
- (Dash)	2
0	1 and 2
1	4
2	1 and 4
3	2 and 4
4	1, 2, and 4
5	8
6	1 and 8
7	2 and 8

8	1, 2, and 8
9	4 and 8
\ (Backward Slash)	1, 4, and 8
; (Semicolon)	2, 4, and 8
[ (Left Bracket)	1, 2, 4, and 8
+ (Plus)	16
: (Colon)	1 and 16
. (Period)	2 and 16
? (Question Mark)	1, 2, and 16
A	4 and 16
B	1, 4, and 16
C	2, 4, and 16
D	1, 2, 4, and 16
E	8 and 16
F	1, 8, and 16
G	2, 8, and 16
H	1, 2, 8, and 16
I	4, 8, and 16
= (Equal)	1, 4, 8, and 16
< (Less than sign)	2, 4, 8, and 16
# (Pound sign)	1, 2, 4, 8, and 16
@ (At sign)	32
* (Asterisk)	1 and 32
\$ (Dollar sign)	2 and 32
! (Exclamation point)	1, 2, and 32
J	4 and 32
K	1, 4, and 32
L	2, 4, and 32
M	1, 2, 4, and 32
N	8 and 32
N	8 and 32

O	1, 8, and 32
P	2, 8, and 32
Q	1, 2, 8, and 32
R	4, 8, and 32
% (Percent sign)	1, 4, 8, and 32
' (Apostrophe)	2, 4, 8, and 32
o (Degree sign)	1, 2, 4, 8, and 32
/ (Not equal sign)	16 and 32
( (Left Parenthesis)	1, 16, and 32
, (Comma)	2, 16, and 32
& (Ampersand)	1, 2, 16, and 32
/ (Forward Slash)	4, 16, and 32
S	1, 4, 16, and 32
T	2, 4, 16, and 32
U	1, 2, 4, 16, and 32
V	8, 16, and 32
W	1, 8, 16, and 32
X	2, 8, 16, and 32
Y	1, 2, 8, 16, and 32
Z	4, 8, 16, and 32
) (Right Parenthesis)	1, 4, 8, 16, and 32
> (Greater than sign)	2, 4, 8, 16, and 32
(Lozene)	1, 2, 4, 8, 16, and 32
<p>17. The 901-USER-INITIALS will be 'SATS' if the input function number is 803.</p> <p>18. For Maintenance (J Activity Code) this field contains the Job Control Number.</p> <p>19. This field contains the JOCAS number for JOCAS organizations.</p> <p>20. This field contains the DBOF flag for DBOF organizations.</p> <p>21. MSD-COST-1, All costs are extended (action quantity times the cost listed).</p>	

Budget code 8 – MAC (022-FILLER-2)

Budget code 9 – Standard Price (101-UNIT-PRICE)

Alpha budget code – MAC (022-FILLER-2)

22. MSD-COST-2, All costs are extended (action quantity times the cost listed).

Budget code 8 – LRC when ERRCD equals XDx, otherwise blank

Budget code 9 – For discount sales, TEX %  
this will be the dollar  
amount with the %  
discount applied,  
otherwise blank

Alpha budget code – Blank

23. MSD-COST-3, All costs are extended (action quantity times the cost listed).

Budget code 8 – DACR @LAC which  
should be blank

Budget code 9 – For discount sales, this is  
the dollar amount of the  
GSD surcharge, otherwise  
blank

Alpha budget code – Blank

24. MSD-COST-4, All costs are extended (action quantity times the cost listed).

Budget code 8 – BOCR@LAC

Budget code 9 – Blank

Alpha budget code – Blank

25. MSD-COST-5, All costs are extended (action quantity times the cost listed).

Budget code 8 – MCR when ERRCD  
equals XDx, otherwise blank

Budget code 9 – Blank

Alpha budget code – Blank

26. The first position of this field will contain the NWRM Indicator for applicable NWRM transactions.

#### 14.4. Standard Print Positions of Transaction/Document Register.

##### 14.4.1. Standard Print Positions of Transaction/Document Register.

**Table 14.4. Standard Print Positions of Transaction/Document Register.**

NO	TRANS REG		DOC REG PRINT POS
POS	FIELD DESIGNATION	PRINT POS	(PARTS 1-3)
6 N	Action Quantity	85-90	*67-72
2 AN	Application Code	N/A	*86-87
1 AN	Budget Code	*31	3
5 AN	Commercial and Government Entity	N/A	*62-66 (Note 8)
4 N	Date of Last Demand	31-34	45-48 (Note 1)
4 N	Date of Last Transaction	98-101	72-75
1 AN	Demand Code	84	*39
1 A	Document File Flag	N/A	1 (Note 2)
3 AN	Document Identifier/Transaction Identification Code	*118-120	*110-112
14 AN	Document Number	103-116	*114-129
6 N	Ending Balance	91-96	51-56
3 AN	Expendability, Recoverability, Reparability Cost Designator (ERRCD)	*20-22	*22-24
8 N	Extended Cost	74-83	*73-84
3 N	Financial Account Code	71-73	*27-29
2 AN	Fund Code	69-70	N/A
2 AN	Issue Priority Code	23-24	*31-32
2 AN	Manager's Code	N/A	*131-132 (Note 13)
14 AN	Mark For	39-52 (Note 12)	*89-102 (Note 10)
1 A	Materiel Category/Source of Supply Code	36	88



3 AN	Output Terminal Function Number	130-132	84-86
8 AN	Project Number	N/A	125-132 (Note 13)
1 A	Reason Why Code	38 (Note 3)	108
6 AN	Supplementary Address	25-30 (Note 3)	*104-109
2 AN	Transaction Phrase Code	122-123	17-18
4 A	User-ID Initials	125-128	121-124
3 AN	Blank	Note 3	Note 6
1 AN	Blank		Note 9
8 AN	Blank		Note 11

\* Indicates print positions for first line of print.

**Notes:**

1. For AVFUEL TRIC/DIC 1DF/1RF and TTPC 1B/AB, 3Q/CQ 3 LSC of 901-DOLD field of the transaction history and print positions 32-34 of the transaction register will contain the aircraft or tanker mission design series (M/D/S) from input. Most significant character of 901-DOLD field and print position 31 will be blank. For TRIC 1PU TTPC 7Y and TRIC DOR TTPC 2A and 2C transactions, the fiscal year obligated will be printed in positions 31-32 on the second line of print instead of the date of obligation.

2. F or D.

Code F. Code F identifies the document as a file document for filing in the document

file. Code D. Code D identifies the document as a document to be destroyed after validation. 3. The following information applies:

a. The first position of the 901-FILLER-2 field of all transaction histories, except TTPC 3A/3S, is moved to print position 22.

b. If the transaction history TTPC is 3A/3S, then the first position of the 901-FILLER-2 field is moved to print position 54.

c. If the TRIC is REC with TTPC 1B, then positions 5-7 of the 901-FILLER-2 are moved to print positions 28-30 and override three positions of the 901-SUP-REQUISITIONER field.

d. If the TTPC is 1B and TRIC REC, then print position 38 is blank.

4. For AVFUEL defuel (TRIC 1DF, TTPC 1B/AB) and refuel (TRIC 1RF, TTPC 3Q/CQ) positions 1-7 of the 901-STOCK-NUMBER-REQUESTED field and print positions 54-60 of the Transaction Register will contain the mission design series (M/D/S). Position 8 of the 901-STOCK-NUMBER-REQUESTED field and print position 61 will be blank.

5. If the TTPC is 1S, 1T, 1U, or 1V, then the 901-FILLER-1 field is moved to print position 38. If TRIC is FID, then the 901-FILLER-1 field date are moved to print position 26.

6. The delivery destination is printed on second line (print positions 36-38) for TRIC DOR, ISU, and MSI.

7. If the TRIC is FID, then the 901-FILLER-1 data are moved to line 1, print position 26.

8. If the TRIC is FIL and activity code is Y, then print Commercial and Government Entity on Part 2, line 1, positions 62-66.
9. First position of 901-STATUS-OR-ADVICE-CODE is printed on line 1, position 86.
10. If the TRIC is DOR and Reason Why Code is A or J, the 901-Document-Nbr is printed in positions 88-101 or, if TRIC is SSC and the CMOS indicator is on, either the 215-INCHECKER-CODE or 224-INCHECKER-CODE is printed in positions 88-90. The 215-INCHECKER-DATE or 224-INCHECKER-DATE is printed in positions 92-96; otherwise, the 901-MARK-FOR is printed.
11. If TTPC is 4A, then the last three positions of Noun and Commercial and Government Entity are printed on line 2, positions 112-119.
12. If TRIC is SSC and the CMOS indicator is on, either the 215-INCHECKER-CODE or 224-INCHECKER-CODE is printed in positions 39-41. The 215-INCHECKER-DATE or 224-INCHECKER-DATE is printed in positions 43-47.
13. The manager's code and project number pertain to SRAN 3101 only.

#### 14.5. Add Due-In Detail (TTPC 1V; TRIC RAR).

##### 14.5.1. Record Description.

**Table 14.5. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-DIC-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10)	

	USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC 9(03)	000
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Input function
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Input document number
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 1
10 901-INPUT-PROJECT-CODE	PIC X(03)	
10 901-INPUT-SYSTEM-DESIGNATOR	PIC X(02)	
10 901-BLANK	PIC X(02)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	

05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2.
05 901-MSD-COST-2	PIC 9(10)	Note 2

	USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	

05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> 1. The first three positions of the 901-FILLER-2 field will contain the input project code. Positions 4 and 5 of the 901-FILLER-2 field will contain the input system designator. The remainder of field will be blank. 2. Cost field values, if applicable.		

**Table 14.6. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.6. Add/Increase Due-In Detail (TTPC 1V, 1Z; TRIC 7L(x) 99S, AE(x), AO(x), DWA, FRC, SPR).**

***Section 14B—Add/Increase Due-In Detail (TTPC 1V, 1Z; TRIC 7L(x) 99S, AE(x), AO(x), DWA, FRC, SPR)***

14.6.1. Record Description.

**Table 14.7. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Note 1
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Note 6
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Use same number assigned AOx
05 901-DATE-OF-LAST-DEMAND	PIC 9(07) USAGE IS COMP	Zeros
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC 9(03)	000

05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-SIGNAL-CODE	PIC X(01)	
10 901-NOTE-1	PIC X(02)	Note 2
05 901-FILLER-1	PIC X(01)	Special requirements flag/Note 3
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Due-out mark-for
05 901-STOCK-NUMBER-REQUESTED		
10 901-DUE-OUT-DOCUMENT-NBR	PIC X(14)	Note 4
10 901-SPR-FLAG	PIC X(01)	I for internally created SPR
05 901-NOMENCLATURE		Note 5
10 901-NOUN	PIC X(10)	First 10 positions of the nomenclature
10 901-NIIN	PIC X(09)	NIIN of item being repaired AWP (UJC AR/BR)
10 901-BLANK	PIC X(13)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Bench stock flag/Fiscal year code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-PROJECT-CODE	PIC X(03)	



10 901-REQUISITION-SYSTEM-DESIGNATOR	PIC X(02)	
10 901-BLANK	PIC X(02)	
10 901-TYPE-ORGANIZATION-CODE	PIC X(01)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	

05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 7
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 7
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 7
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 7
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 7
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Note:**

1. Requisitions (see AFMAN 23-122, Sec 5B, Order and Requisitioning will contain a Z and will not appear on the Uniform Materiel Movement and Issue Priority System (UMMIPS) Listing.
2. The following information applies:
  - a. If the input is AE(x), the status code BJ or FS will be contained in the 901-NOTE-1 field.
  - b. If the input is 99S/DWA, position 1 contains the ownership/purpose code and position 2 contains the supply condition code.
3. This field will be blank except for TRIC SPR input with special requirements flag R.
4. If the base SRAN is 3101, then this field will contain an eight-position alphanumeric project code and a three-position numeric serial number.
5. This field will contain the 19-position, nomenclature for non-Advanced Logistics System (ALS) requisitions.
6. If the input is 99S or DWA and demand code = Z, it is a result of a push due-in.
7. Cost field values, if applicable.

**Table 14.8. 901-MSD-COST-5 Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank

Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14C—Add Status Detail (TTPC 1Z; TRIC SPR (Budget Code Z Only))**

**14.7. Add Status Detail (TTPC 1Z; TRIC SPR (Budget Code Z Only)).**

14.7.1. Record Description.

**Table 14.9. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	

05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Use same number assigned AOX
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Zeros
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC 9(03)	000
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Note 1
05 901-FILLER-1	PIC X(01)	Special requirement flag/Note 2
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Due-out mark-for
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Position 15 contains an I for internally created SPR
05 901-NOMENCLATURE	PIC X(32)	First 10 positions of the nomenclature NIIN of item

		being repaired AWP (UJC AR/BR)
05 901-CAGE	PIC X(05)	First 2 positions contain the MMC of the item being repaired AWP (UJC AR/BR. Last 3 positions contain the Required delivery date.
05 901-REASON-WHY-CODE	PIC X(01)	Bench stock flag/Fiscal year code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	

05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The following information applies: a. If the input is AE(x), the status code BJ or FS will be contained in the last 2 positions of the 901-STATUS-OR-ADVICE-CODE. b. If the input is 99S/DWA, position 1 contains the ownership/purpose code and position 2 contains the supply condition code. 2. This field will be blank except for TRIC SPR input with special requirements flag R.		

**Section 14D—Add Due-Out Detail (TTPC 2D/4W; TRIC RAR).**

**14.8. Add Due-Out Detail (TTPC 2D/4W; TRIC RAR)**

14.8.1. Record Description.

**Table 14.10. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Note 1



05 901-TEX-CODE	PIC X(01)	8
05 901-DEMAND-CODE	PIC X(01)	N
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC 9(03)	000
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Input function
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank

05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Blank
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	

05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. This field will contain the input UJC. If the input UJC is blank, CZ will be entered in the issue priority field. 2. Cost field values, if applicable		

**Table 14.11. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC

Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14E—Add/Increase Due-Out Detail (TTPC 2D, 4W; TRIC DUO).**

#### **14.9. Add/Increase Due-Out Detail (TTPC 2D, 4W; TRIC DUO)**

##### **14.9.1. Record Description.**

**Table 14.12. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application Code (Note 1)
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project Code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of Obligation or Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	RDD For CE Due-outs or Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Item Rcd IEX Code
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2		
10 901-BLANK-1	PIC X(01)	
10 901-TYPE-ORGANIZATION-CODE	PIC X(01)	
10 901-SPACE	PIC X(01)	
10 901-PFMR-BLANK	PIC X(03)	
10 901-DUE-OUT-CAUSE-CODE	PIC X(01)	
05 901-IEX-CODE	PIC X(01)	
05 901-USERS-INITIALS	PIC X(04)	

05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Note 4
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	Note 5
05 901-DBOF-FLAG	PIC X(01)	Note 6
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 7
05 901-MSD-COST-2	PIC 9(10)	Note 7

	USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 7
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 7
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 7
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	



05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. If original input was TRIC WRP, this field will contain the fund code.</li> <li>2. For backorders prompted by an A0A lateral requisition, the Mark-For field will contain the following: <ol style="list-style-type: none"> <li>a. Positions 1-8 contain the phrase "LAT REQN"</li> <li>b. Positions 9-10 contain the Requisition Priority from the A0A</li> <li>c. Positions 11-13 contain the project code from the A0A</li> <li>d. Position 14 contains the Demand Code from the A0A</li> </ol> </li> <li>3. Last three positions will contain the 101-ROUTNG-IDNTFYR. If the UJC is AR or BR and the TEX code is not E, the SRD will be stored in positions 14-16 of the 901-NOMENCLATURE. For Backorders prompted by an A0A lateral requisition, the Mark-For field will contain the following: <ol style="list-style-type: none"> <li>a. Positions 1-8 contain the phrase "LAT REQN"</li> <li>b. Positions 9-10 contain the Requisition Priority from the A0A</li> <li>c. Positions 11-13 contain the project code from the A0A</li> <li>d. Position 14 contains the Demand Code from the A0A</li> </ol> </li> <li>4. For Maintenance (J Activity Code) this field contains the Job Control Number.</li> <li>5. This field contains the JOCAS number for JOCAS organizations.</li> <li>6. This field contains the DBOF number for DBOF organizations.</li> <li>7. Cost field values, if applicable.</li> </ol>		

**Table 14.13. Cost Field Value.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank

MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.10. Adjustment To Sales (TTPC 7Y, GY; TRIC ADJ)**

## 14.10.1. Record Description.

**Table 14.14. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER		
10 901-FSG	PIC X(02)	Federal Supply Group
10 901-BLANK	PIC X(13)	Blank
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	Constant B
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Adjustment action code
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Blank

05 901-RID	PIC X(03)	PFMR code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC 9(03)	
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	Constant 9
05 901-MARK-FOR		
10 901-BLANK	PIC X(12)	
10 901-COMMAND-CODE-BLANK	PIC X(02)	Note
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Blank
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2		

10 901-BLANK-1	PIC X(02)	
10 901-TYPE-ORGANIZATION-CODE	PIC X(01)	
10 901-SPACE	PIC X(01)	
10 901-BLANK-2	PIC X(04)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS NBR	PIC X(12)	

05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> This field will contain the command code (the last two positions of the 901-MARK-FOR field) if the type organization is seven, eight, or nine.		

**14.11. Special Purpose Recoverable Authorized To Maintenance (TTPC 7C, 7D, 7E; TRIC 1XA).**

14.11.1. Record Description.

**Table 14.15. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER		
10 901-CONSTANT-00	PIC 9(02)	
10 901-BLANK	PIC X(13)	
05 901-SYS-DESIGS	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Note 1
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	UJC
05 901-SUPP-ADDRESS	PIC X(06)	Note 2

05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Input positions 30-43
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	On hand qty K detail
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Authorized quantity
05 901-EXTENDED-COST	PIC 9(10)	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05)	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 3
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 4
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	

05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIAL	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5



05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99	

	USAGE IS COMP	
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>The breakdown is as follows: <ol style="list-style-type: none"> <li>Position 1 of Issue--Priority--Issue Exception Code or Blank</li> <li>Position 2 of Issue--Priority--Issue Interface FLAG or Blank</li> </ol> </li> <li>The following information applies: <ol style="list-style-type: none"> <li>Position 1 of the supplementary address is the print flag.</li> <li>Positions 2-6 of the supplementary address contain the SRD and/or blanks. Positions 2-6 of the supplementary address can also contain the work unit code (WUC) or blanks.</li> </ol> </li> <li>The following information applies: <ol style="list-style-type: none"> <li>Positions 1-10 of the 901-MARK-FOR field contain the authorized document number (positions 67-76 of input).</li> <li>Positions 11-14 of the 901-MARK-FOR field are left blank.</li> </ol> </li> <li>The following information applies: <ol style="list-style-type: none"> <li>Positions 1-10 of the 901-STOCK-NUMBER-REQUESTED field contain the part number requested or are left blank.</li> <li>Positions 11-15 of the 901-STOCK-NUMBER-REQUESTED field are left blank.</li> </ol> </li> <li>Cost field values, if applicable.</li> </ol>		

**Table 14.16. Cost Field Values.**

COST FIELD/BUDGET CODE	REMARKS
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank

Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.12. BULK ISSUE RECONCILIATION - DECREASE (TTPC 1A; TRIC BIR)**

## 14.12.1. Record Description.

**Table 14.17. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10)	

	USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(07)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	

05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10)	

	USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> This field contains the warehouse location when a change is made. Otherwise, this field is blank.		

**14.13. Bulk Issue Reconciliation - Increase (TTPC 1B; TRIC BIR)**

## 14.13.1. Record Description.

**Table 14.18. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	

05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(07)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	



05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> This field contains the warehouse location when a change is made. Otherwise, this field is blank		

#### 14.14. BUILD RNB DETAIL (TTPC 2T; TRIC REC)

##### 14.14.1. Record Description.

**Table 14.19. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE PRIORITY-CODE	PIC X(01)	Blank/Supply Condition Code J
05 901-ISSUE-PRIORITY	PIC X(02)	Due-in priority

05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Suffix code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Note 1
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Constant 00000
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Over/Short quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	Position 3-4 is the year of purchase order for local purchase receipts.
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Note 2
05 901-FILLER-1	PIC X(01)	Signal code or Blank
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	

05 901-MARK-FOR	PIC X(14)	Blank for other than local purchase receipts/Note 3
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Fiscal year flag
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 4
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	

05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99	

	USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Note:**

1. Position 1 contains a + (plus) if the receipt was from other than the General Services Administration (GSA) or Defense Logistics Agency (DLA). Positions 2-6 contain a local purchase (LP) variance flag and quantity, when authorized.
2. A T in this field indicates shortage receipt as a result of tracer action required (TAR) processing.
3. For local purchase receipts, this field contains the following data:

**Table 14.20. Local Purchase Receipt Information.**

POSITIONS	DATA
1-3	Due-In Project Code
4-6	Blank
7-11	Purchase Order Number
12-14	BPA Call Number
4. This field will contain a W when requirement is applicable to WRM.	
5. Cost field values, if applicable.	

**Table 14.21. Cost Field Values.**

COST FIELD/BUDGET CODE	REMARKS
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)

Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14F—Cash/Charge Sale (TTPC 7Y, GY; TRIC CCS)**

**14.15. Cash/Charge Sale (TTPC 7Y, GY; TRIC CCS)**

14.15.1. Record Description.

**Table 14.22. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER		
10 901-BLANK	PIC X(06)	
10 901-FACILITY-NUMBER	PIC X(05)	Note 1
10 901-CONTROL-INST	PIC X(04)	Control installation/EMO location code/Note 1
05 901-SYS-DESIG	PIC X(02)	

05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Constant XB3
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Adjustment action code
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Note 2
05 901-RID	PIC X(03)	PFMR Code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 330
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 1
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	



05` 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-BLANK	PIC X(10)	
10 901-JOB-ORDER-NBR	PIC X(04)	Notes 1, 3
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Blank
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-BLANK-1	PIC X(01)	
10 901-TYPE-ORG	PIC X(01)	
10 901-BLANK-2	PIC X(01)	
10 901-BLANK-3	PIC X(05)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL--FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02)	

	USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> 1. If the type organization code is B, then this field contains the job order number and CIC/EMO location code. 2. If the type organization code is A, B, D, or V, then a work order number is in this field. 3. If the type organization is 7, 8, or 9, then a command code is in positions 3-4.		

**Section 14G—Change Asset Status/Transaction Code (TTPC 4B; TRIC DZE).**

14.15.2. Record Description.

**Table 14.23. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	

05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	042 = Y; 43-55 = Blank
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Total assets/Notes 1, 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank

05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	4B
05 901-PRINT-FLAG	PIC X(01)	Blank
05 901-BUDGET-CODE	PIC X(01)	Blank
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Blank
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-BLANK	PIC X(06)	
10 901-PREVIOUS-REPORTING-CODE	PIC X(01)	
10 901-REPORTING-CODE	PIC X(01)	Note 3
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	

05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Note:**

1. This field contains the total of all assets (excluding in-use detail balances).
2. If the TRIC is XTA input, then the following positions are changed: The action quantity field is blank; the reason why code field and the first two positions of the 901-FILLER-2 field contain RIC CMD; and positions 3 and 4 of the 901-FILLER-2 field contain the Julian date of input.
3. This field contains the current reporting code.

**Section 14H—Change Controlled Item Code (TTPC 3R; TRIC 1SC)****14.16. Change Controlled Item Code (TTPC 3R; TRIC 1SC)**

## 14.16.1. Record Description.

**Table 14.24. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	

05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	BS if bench stock or Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 000
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Note
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	3R
05 901-PRINT-FLAG	PIC X(01)	



05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	

05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> The first position of the 901-STATUS-OR-ADVICE-CODE field contains the change-from controlled item code, the second position is blank, and the third position contains the change-to controlled item code.		

**Section 14I—Change Due-Out Detail (TTPC 2B; TRIC AE(x), DUO, LCC, LPA, LPS, SPR, FRC)**

14.16.2. Record Description.

**Table 14.25. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Memo due-out flag
05 901-ISSUE-PRIORITY	PIC X(02)	Due-out UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	

05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Due-out detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Cancelled quantity input
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction/Note 1
05 901-STATUS-OR-ADVICE-CODE		
10 901-BLANK	PIC X(01)	
10 901-STATUS-ADVICE	PIC X(02)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Requisition number/Note 1
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank/Note 1
05 901-NOMENCLATURE		Note 1

10 901-UJC	PIC X(02)	
10 901-TEX	PIC X(01)	
10 901-DELIVERY-DEST	PIC X(03)	
10 901-BLANK	PIC X(27)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Due-out detail force activity designator
05 901-FILLER-2	PIC X(08)	Note 1
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	

05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> 1. If the 901-TRIC is DUO, then the following occurs: <ul style="list-style-type: none"> <li>a. The first two positions of the 901-STATUS-OR-ADVICE-CODE field contain the fiscal year.</li> <li>b. The first six positions of the 901-MARK-FOR field contain the constant CHANGE.</li> <li>c. The 901-STOCK-NUMBER-REQUESTED field contains the constant DEOBLIGATED and applicable fiscal year in the first history record. In the second history record, the field contains the constant obligated and the applicable fiscal year.</li> <li>d. Positions 2-4 of the 901-NOMENCLATURE field contain the input TRIC XXX.</li> <li>e. Positions 4-6 of the 901-FILLER-2 field contain the project fund management record (PFMR) code.</li> <li>f. Positions 18-19 of the 901-FILLER-TRANS field contain the fiscal year.</li> </ul> 2. Cost field values, if applicable.		

**Table 14.26. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank

Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.17. Change UMMIPS Data (TTPC 50, 5P; TRIC DIT).**

## 14.17.1. Record Description.

**Table 14.27. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Due-in priority
05 901-TEX-CODE	PIC X(01)	Note 1
05 901-DEMAND-CODE	PIC X(01)	Notes 2, 3
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Notes 2, 3



05 901-SUPP-ADDRESS	PIC X(06)	Notes 2, 3
05 901-RID	PIC X(03)	Notes 2,
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Notes 3, 4
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Due-in Quantity/Note 3
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Due-out quantity
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-ADVICE-CODE	PIC X(02)	Note 3
10 901-SIGNAL-CODE	PIC X(01)	
05 901-FILLER-1	PIC X(01)	Bench stock flag
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 1
05 901-STOCK-NUMBER-REQUESTED		
10 901-DUE-OUT-DOCUMENT-NBR	PIC X(14)	
10 901-DUE-OUT-FAD	PIC X(01)	Due-out force activity designator

05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 5
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-DUE-IN-PROJECT-CODE	PIC X(03)	
10 901-DUE-OUT-UJC	PIC X(02)	
10 901-BLANK	PIC X(03)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	

05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 6
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> 1. These data are obtained from the due-out detail. 2. These data are obtained from the due-in detail. 3. When processing a NOR E to change a MEMO due-out the data in these fields will come from the due out detail. 4. The first position of the date of the last demand contains a CORE Automated Maintenance System (CAMS) flag when there is a corresponding due-in in the DBRA that contains a CAMS flag. 5. This field contains an N when Uniform Materiel Movement and Issue Priority System (UMMIPS) reporting is not required. 6. Cost field values, if applicable.		

**Table 14.28. Cost Field Value.**

COST FIELD/BUDGET CODE	REMARKS
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank

Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.18. Condition Change (TTPC 1A, 1B, 7N, 7O; TRIC FCC).**

## 14.18.1. Record Description.

**Table 14.29. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Note 1
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code/Ammunition transaction code/Note 2

05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	Note 3
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 4
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-CONSTANT	PIC X(10)	Inspection
10 901-BLANK	PIC X(04)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 3
05 901-NOMENCLATURE	PIC X(32)	Note 5
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	

05 901-FILLER-2	PIC X(07)	Blank
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-NBR	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	

05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 6
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	



05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> 1. Change the from/to supply condition code as follows: The first position will contain the FROM code, and the second position will contain the TO code. 2. When the type account code is K and the item is reportable, this field contains the ammunition transaction code. 3. Document numbers (inspection and unserviceable detail) are cross-referenced on each transaction history. For example, on a change from serviceable to unserviceable, the TTPC 1A transaction history has the inspection document number in the document number and the unserviceable detail (R920RW) number in the stock number requested. The TTPC 1B has these numbers reversed. 4. Document control RECORD (DCR) are produced for the inspection (Z004) transaction history. If the TTPC is 7N or 7O, this field will contain a 3. 5. If the TTPC is 7N or 7O, this field will contain the serialized reporting serial number. 6. Cost field values, if applicable.		

**Table 14.30. Cost Field Value.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank

Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.19. Decrease/Delete Due-In Detail (TTPC 1S, 1U; TRIC REC).**

## 14.19.1. Record Description.

**Table 14.31. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Due-in type account
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Due-in signal code
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	CAMS flag
05 901-ENDING-BALANCE	PIC 9(10)	

	USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Note 1
05 901-FILLER-1	PIC X(01)	Due-in detail special requirements flag
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 2
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Fiscal year flag
05 901-FILLER-2	PIC X(08)	Note 4
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	

05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC TRN-CODE	PIC X(01)	
05 901RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-3	PIC 9(10)	Note 5

	USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Note:**

1. For pushed unserviceable due-ins, position 1 is blank, position 2 contains the purpose code, and position 3 contains the condition code.
2. The field contains the stock number received when the substitute was supplied.
3. For 3101 project receipts, this field will contain project pieces (quantity) in positions 1-3, weight (pounds) in positions 4-9, cube (feet) in positions 10-12, and date project received in positions 13-19.
4. 901-FILLER-2 contains the following:

Position 1 = Input suffix code

Positions 2-4 = Input RID

Positions 5-7 = Due in detail project code/SRD

5. Cost field values, if applicable.

**Table 14.32. Cost Field Value.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank

MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14J—Decrease/Delete Due-In Detail (TPPC 1S, 1U DIC/TRIC AE(x))**

**14.20. Decrease/Delete Due-In Detail (TPPC 1S, 1U; DIC/TRIC AE(x)).**

14.20.1. Record Description.

**Table 14.33. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX	PIC X(01)	Signal code
05 901-DEMAND	PIC X(01)	
05 901-DIC-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Due-in detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05)	

	USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Due-out document number
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank/Project code
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	



05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note
05 901-FILLER-5	PIC 9(10)	

	USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> Cost field values, if applicable.		

**Table 14.34. Cost Field Value.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)

Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14K— Change/Add Increase/Delete And Decrease Status (TPPC 1W, 1X, 1Z; TRIC AE(x), AS(x), AU(x))**

14.20.2. Record Description.

**Table 14.35. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Due-in priority
05 901-ISSUE-PRIORITY	PIC X(02)	Due-in signal code

05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Suffix code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Due-in fund code
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(05) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(07) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank/Notes 1, 2
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		Notes 1, 3
10 901-CONSTANT	PIC X(10)	

10 901-BLANK	PIC X(04)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 4
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	

05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 6
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99	

	USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The following applies if the TRIC is ASx/AUx:		

**Table 14.36. TRIC ASx/AUx.**

RECORD POSITIONS	NOTES/EXCEPTIONS
Status or Advice Code	Blank
Positions 1-3 of 901-MARK-FOR	Estimated ship date
Position 4 of 901-MARK-FOR	Blank
Position 5 of 901-MARK-FOR	Mode of shipment
Positions 6-8 of 901-MARK-FOR	POE/DATE AVAIL FOR SHIP
Positions 10-15 of 901-MARK-FOR	Blank
Positions 11-14 of 901-NOMENCLATURE	Blank
Positions 15-29 of 901-NOMENCLATURE	Shipment control number
2. The 1W transaction history uses the status code from the status detail being deleted/decreased. 3. The following applies if the TRIC is AEx:	

**Table 14.37. TRIC AEx Information.**

RECORD POSITIONS	NOTES/EXCEPTIONS
Positions 1-4 of 901-MARK-FOR	Estimated ship date (status)
Positions 5-7 of 901-MARK-FOR	Project code (due-in)

Positions 8-10 of 901-MARK-FOR	Source transaction date (status)
Positions 11-13 of 901-MARK-FOR	Routing identifier (status)
Position 14 of 901-MARK-FOR	Blank
<p>4. This field will contain the stock number requested when a substitute is supplied.</p> <p>5. Whenever status is received with a substitute stock number not previously loaded for a Combat Supplies Management System (CSMS) requirements stock number, this field will contain the Air Force Recoverables Assembly Management System/War Reserve Materiel (AFRAMS/WRM) report code + (plus).</p> <p>6. Cost field values, if applicable.</p>	

**Table 14.38. Cost Field Value.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)



Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.21. Decrease/Delete Status Detail (TTPC 1W, 1Y, 1Z; TRIC REC).**

## 14.21.1. Record Description.

**Table 14.39. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	BNR (B)/Claims rec code (F)
05 901-ISSUE-PRIORITY	PIC X(02)	Due-in priority
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Suffix code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	LP variance flag and quantity
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Due-in detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	Note 1
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	Reconciliation flag
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 3
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Fiscal year flag
05 901-FILLER-2	PIC X(08)	
10 901-QUANTITY-VARIATION-CODE	PIC X(01)	
10 901-BLANK	PIC X(06)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	

05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBFOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10)	Note 4

	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For local purchase receipts, positions 3 and 4 contain the purchase order year.
2. This is a multi-purpose field.
  - a. For local purchase receipts, TTPC 1W and 1Y, the MARK-FOR contains:

**Table 14.40. Local Purchase Receipts.**

POSITION	DATA
1-3	Estimated Delivery Date
4	1st position of BPA Call Number
5	Foreign Currency Identifier
6	Blank
7-11	Purchase Order Number
12-14	Positions 2-4 of BPA Call Number
b. For BNR details (TTPC 1Z), the mark for contains:	

**Table 14.41. BNR Details.**

POSITION	DATA
1-3	Blank
4-6	Stockage Priority Code or Blank
7-11	Voucher Number
12-14	Blank
c. For budget code Z receipts, positions 1 - 14 contain SPC or Blank.	
3. This field contains the stock number requested when a substitute item is supplied.	
4. Cost field values, if applicable.	

**Table 14.42. Cost Field Values.**

COST FIELD/BUDGET CODE	REMARKS
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank

Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.22. Decrease - SF Issues Supplies - Org Record (TPPC 8U; TRIC BST).**

## 14.22.1. Record Description.

**Table 14.43. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER		
10 901-FSC	PIC 9(02)	
10 901-CONSTANT 00	PIC 9(02)	
10 901-BLANK	PIC X(02)	
10 901-CE-FACILITY-NBR	PIC X(05)	
10 901-CE-INSTALLATION-CODE	PIC X(04)	
05 901-SYS DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	

05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Work order number
05 901-RID	PIC X(03)	PFMR code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		Note
10 901-PURCHASER-NAME-ID	PIC X(12)	
10 901-MAJOR-COMMAND-CODE	PIC X(02)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank

05 901-NOMENCLATURE	PIC X(32)	FSG - Bulk issue
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2		
10 901-BLANK-1	PIC X(01)	
10 901-TYPE-ORGANIZATION-CODE	PIC X(01)	
10 901-BLANK-2	PIC X(06)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(02)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS CODE	PIC X(12)	



05 901-DBOF-CODE	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> The 901-MARK-FOR field contains the MAJCOM code, purchaser's name, or other identifying data.		

**14.23. Detail Change/Delete (TTPC 1X, 1W, 1Y, 2G, 2S, 8A, 8B, 9A, 9D, or 9X; TRIC 1DA, 1DB, 1DC, 1DR, 1RP, 1VR, 1VS, 1BA, 1BT, 1BW, FAR, FAS, FJR, FJS, REC, RVP).**

14.23.1. Record Description.

**Table 14.44. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	Converted transaction identification code/Note 1
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction

05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Note 2
05 901-ACTION-QTY	PIC 9(06)	Note 3
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(01)	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 4
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Note 5
05 901-CAGE	PIC X(05)	
10 901-BILLING-ADVICE CODE	PIC X(03)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 6
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	

05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10)	

	USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. If the input is 1BW or 1BT, then this field contains constant EA.
2. If the input TRIC is 1BW or 1BT, then this field contains constant 000.
3. If the input TRIC is 1BW or 1BT, then this field contains constant 000001.
4. For fund code 17 and 29 transactions, this field contains the materiel acquisition control record (MACR) update code (MUC).
5. The following information applies:
  - a. S = claims receivable (shortage)
  - b. B = claims receivable (reclassified BNR)
  - c. P = claims payable (overage)
6. If BC is Z, then this field contains fiscal year (FY). Otherwise, this field is blank.

**Section 14L—Demand Data (TTPC 4G TRIC FCL)****14.24. Demand Data (TTPC 4G; TRIC FCL).**

## 14.24.1. Record Description.

**Table 14.45. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Card identification code
05 901-DEMAND-CODE	PIC X(01)	Action code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Cumulative recurring demands before input
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR		

10 901-ACTIVITY-CODE-Y	PIC X(01)	Y (Constant)
10 901-BLANK	PIC X(01)	
10 901-TRIC-2	PIC X(01)	2 (Constant)
10 901-STOCK-NBR-11-MSP	PIC X(11)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Before input
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Serviceable balance
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Cumulative recurring demands after input
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-DOFD-BEFORE-INPUT	PIC X(05)	
10 901-DOFD-AFTER INPUT	PIC X(04)	
10 901-BLANK-2	PIC X(01)	
10 901-DOLD-AFTER-INPUT	PIC X(04)	

05 901-STOCK-NUMBER-REQUESTED		
10 901-NBR-DEMANDS-BEFORE-INPUT	PIC X(03)	
10 901-BLANK-1	PIC X(01)	
10 901-NBR-DEMANDS-AFTER-INPUT	PIC X(03)	
10 901-BLANK-2	PIC X(01)	
10 901-OST-BEFORE-INPUT	PIC X(03)	Order and shipping time
10 901-BLANK-3	PIC X(01)	
10 901-OST-AFTER-INPUT	PIC X(03)	Order and shipping time
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(07)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	



05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

*Section 14M—Demand Data (TTPC 4G; DIC/TRIC DZE, FFC, LVL, 1GP, XCD, 1FC, ILI).*

#### 14.24.2. Record Description.

**Table 14.46. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Notes 1
05 901-ISSUE-PRIORITY	PIC X(02)	Note 2
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	

05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Note 3
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Notes 8
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 9
05 901-FILLER-4	PIC X(04)	Note 12
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Note 10, 12
05 901-OUTPUT-TERMINAL-NBR	PIC X(01)	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	4G
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Notes 4, 5, 6
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Notes 7, 12
05 901-NOMENCLATURE	PIC X(32)	Blank and Note 12
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	

05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Note 12
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	Note 11
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Note 12
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	

05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 12
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. If the TRIC is DZE, LVL or XCD this field is blank.
2. If the TRIC is FFC, 1FC or 1GP, then position 1 contains the freeze code, and position 2 contains the action code. For all other TRIC this field will be BLANK.
3. If the LVL or XCD this field will contain the DDFR.
4. If the TRIC is DZE, then positions 1-6 contain the group reorder point and positions 7-12 contain the group retention level.
5. If the TRIC is 1GP, then positions 1-14 contain data from input positions 41-54.
6. If the TRIC is LVL, then positions 1-6 contain the computed reorder level and positions 7-12 contain the economic retention quantity, 13-14 equal Zero's
7. If the TRIC is LVL or XCD, and a D28 report is required, then positions 1-6 contain the item daily demand rate (DDR), positions 7-8 contain the item percent base repair (PDR), positions 9-10 contain the item record standard deviation (for example, 10, 20 or 30), positions 11-13 contain the percent base condemned, and positions 14-15 contain NRTS/condemned time.
8. Y is constant in the first position of this field.
9. If the TRIC is LVL OR XCD, then positions 1-3 contain the repair cycle time and positions 4-6 contain the order and ship time and positions 7-9 contain number of units repaired.

**EXAMPLE 1:**

Reading from right to left \$602205.90 discard the last zero as that is the tenth position of the field, 059 is the number of units repaired, 022 is the order and ship time and 6 is the repair cycle time with leading zeros suppressed.

**EXAMPLE 2:**

Reading from right to left \$2205.90 discard the last zero as it is the tenth position of the field, 059 is the number of units repaired and 22 is the order and ship time with leading zeros suppressed and repair cycle time is zero with zeros suppressed.

10. If the TRIC is LVL or XCD, then the 901-Filler-1 field will reflect the sum of the Number of Demands on the item record (101-NBR-OF-DEMANDS-CURRENT + 101-NBR-OF-DEMANDS-PAST-6-MONTHS + 101-NBR-OF-DEMANDS-PAST-7-12 MONTHS). The total is capped at 9. If the sum is greater than 9, then 9 will be recorded in this field.
11. A '1' in this field indicates NSN has MAX Level equal to 0 (zero) is assigned for CRF bases only.

12. If the TRIC is 1FC or 1LI, then:

- (a) The 901-FILLER-4 will contain the 250-DEPLOYED RID (for 1LI only)
- (b) The 901-STOCK-NUMBER REQUESTED will contain the input Serial Number (for 1LI only)
- (c) The 901-NOMECLATURE will contain the first 19 positions of the 101-NOMENCLATURE
- (d) The 901-SRC-TRN-Code will contain the 101-SERIALIZED-REPORT-CODE
- (e) The 901-FILLER-1 will contain the 101-EQUIP-MGT-CODE (NWRM-Indicator)
- (f) The 901-JOCAS-NBR will consist of positions 1-3 the record number, position 4 blank, and positions 5-11 will contain the DATE of LAST INVENTORY
- (g) The INPUT MISC-REFERENCE DATA will contain the 901-MARK-FOR

#### 14.25. DLA/GSA Billing Image Charge (TTPC 2S, 1Z, 9Y, 9Z; TRIC FJ1/FK1).

##### 14.25.1. Record Description.

**Table 14.47. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Signal code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank/Except TTPC 2S
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05)	

	USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 1
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-BLANK	PIC X(08)	
10 901-BILL-NUMBER	PIC X(06)	
05 901-STOCK-NUMBER-REQUESTED		Blank
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 3
05 901-FILLER-2	PIC X(07)	Note 4
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	



05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10)	

	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For Budget Code Z NSF transactions, this field contains the Materiel Acquisition Control Record (MACR) Update Code (MUC).
2. The following information applies:
  - a. Positions 1-3 = Blank.

- b. Positions 4-6 = Input Positions 1-3 (unconverted TRIC).
- c. Positions 7-18 = Management Notice Phrase Codes (four positions each), when applicable.
- 3. For Supply Management Activity Group (SMAG) transactions, this field contains an alpha ZBL code.
- 4. The first position of the 901-FILLER-2 field will contain a W if payment is for a WRM due-in or a received-not-billed (RNB) detail record.

**14.26. DLA/GSA Billing Image Credit (TTPC 1Y, 2G, 1W, 9A, 9Y, 9Z; DIC/TRIC FJ2, FK2).**

14.26.1. Record Description.

**Table 14.48. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Signal Code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVISE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 1
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05` 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-BLANK	PIC X(08)	
10 901-BILL-NUMBER	PIC X(06)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	Note 3
05 901-REASON-WHY-CODE	PIC X(01)	Note 4
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Blank
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	

05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10)	

	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For Budget Code Z NSF transactions, this field contains the Materiel Acquisition Control Record (MACR) Update Code (MUC).
2. The following information applies:
  - a. Positions 1-3 = Blank.

b. Positions 4-6 = Input Positions 1-3 (unconverted TRIC).
c. Positions 7-18 = Management Notice Phrase Codes (four positions each), when applicable.
3. This field will contain the billing advice code from the Claims-Receiveable-Detail record.
4. For SMAG transactions, this field contains an alpha ZBL code.

**14.27. DLA Retail Loss Allowance Refund/Charge (TTPC 9Z; TRIC FL1/FL2).**

## 14.27.1. Record Description.

**Table 14.49. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	

05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVISE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 1
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-BLANK	PIC X(08)	
10 901-BILL-NUMBER	PIC X(06)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 3
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	



05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	

05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For budget code Z NSF transactions, this field contains the materiel acquisition control record (MACR) update code (MUC).
2. The following information applies:
  - a. Positions 1-3 = Blank
  - b. Positions 4-6 = Input Positions 1-3 (unconverted TRIC)

- c. Positions 7-18 = Management Notice Phrase Codes (four positions each), when applicable
3. For SMAG transactions, this field contains an alpha ZBL code.

**14.28. DLA/GSA Misc Billing Charge/Credit (TPPC 9Z; TRIC FN1, FN2, FQ2, FW1, FW2, FX1, FX2, GQ1, GQ2, GW1, GW2, GX1, GX2).**

14.28.1. Record Description.

**Table 14.50. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Constant 00
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10)	

	USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 1
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05` 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-BLANK	PIC X(08)	
10 901-BILL-NUMBER	PIC X(06)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 3
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	

05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	

05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For budget code Z NSF transactions, this field contains the materiel acquisition control record (MACR) update code (MUC).
2. The following information applies:
  - a. Positions 1-3 = Blank
  - b. Positions 4-6 = Input Positions 1-3 (unconverted TRIC)
  - c. Positions 7-18 = Management Notice Phrase Codes (four positions each), when applicable
  - d. Position 19 = Blank

3. For SMAG transactions, this field contains an alpha ZBL code. For non-SMAG transactions, this field contains the fiscal year.

#### 14.29. Due-Out Cancellation (TPPC 2A, 2C TRIC DOC).

##### 14.29.1. Record Description.

**Table 14.51. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Due-Out designator
05 901-ISSUE-PRIORITY	PIC X(02)	Due-out UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Blank/Note 1
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of obligation or Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	

05 901-FILLER-4		
10 901-MAJCOM-CODE	PIC X(02)	
10 901-FILLER	PIC X(02)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE		
10 901-DUE-OUT-FAD	PIC X(01)	
10 901-CANCEL-JUST-CODE	PIC X(02)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 3
05 901-NOMENCLATURE	PIC X(32)	Note 4
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Action Taken Code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-DO-DETAIL-TEX CODE	PIC X(01)	
10 901-TYPE-ORGANIZATION-CODE	PIC X(01)	
10 901-FILLER	PIC X(03)	
10 901-NOTE-1	PIC X(03)	Note 1
05 901-IEX	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	



05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 5

05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b>		

1. If the due-out is under DIFM control, the routing identifier code field contains the average repair cycle days, and positions 6-8 of the 901-FILLER-2 field contain the total DIFM time.
2. For AWP assets, the following breakdown applies from the end-item DIFM detail:
  - a. Position 4 = AWP advice code
  - b. Positions 5-6 = MAJCOM code
  - c. Positions 7-8 = work unit code
  - d. Positions 9-11 = delayed maintenance days
  - e. Positions 12-14 = AWP days
3. The first 14 positions of this field will contain positions 67-80 of the DOC input image which is reserved for local use. The last position of this field will contain the maintenance priority code.
4. If the item being cancelled is an AR or BR UJC due-out, and not TEX code E, the SRD will be reflected in positions 14-16 of the 901-NOMENCLATURE field.
5. Cost field values, if applicable.

**Table 14.52. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank

Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.30. Due-Out Cancellation (TTPC 2M, 2O TRIC DOC).**

## 14.30.1. Record Description.

**Table 14.53. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	DIFM status flag
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-FIA-TRANS	PIC 9(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Cancellation justification code
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 1
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 2
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Action taken code from DOC input
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	

05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10)	Note 3

	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. Positions 9-11 of the 901-MARK-FOR contain the DELAYED MAINTENANCE days and positions 12-14 contain the AWP days from the DIFM detail record.
2. The last position of this field will contain the maintenance priority code.
3. Cost field values, if applicable.

**Table 14.54. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.31. Due-Out Delete/Addition (TTPC 2C, 2D; TRIC FCI, FEC).**

## 14.31.1. Record Description.

**Table 14.55. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	



05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC 9(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	

05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC 9(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	

05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-CODE	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**14.32. Due-Out Release (TTPC 1A, 7M, 7O; TRIC DOR).**

## 14.32.1. Record Description.

**Table 14.56. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Due-out UJC
05 901-TEX-CODE	PIC X(01)	Input TEX code
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code/Note 1
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code/Note 2
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	

05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-DUO-PGM-DECISION-FLAG	PIC X(01)	
10 901-DUO-FAD-RID	PIC X(02)	Note 3
05 901-FILLER-1	PIC X(01)	DIFM status flag prior to DOR
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Note 4
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 10
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 5
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock number of due-out detail
05 901-NOMENCLATURE	PIC X(32)	Note 11
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Due-out detail TEX code/Note 6
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		

10 901-NOTE-7	PIC X(01)	Note 7
10 901-TYPE-ORGANIZATION-CODE	PIC X(01)	
10 901-SPACE	PIC X(01)	
10 901-DELIVERY-DESTINATION	PIC X(03)	
10 901-NOTE-8	PIC X(01)	Note 8
10 901-FILLER	PIC X(01)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	Item record routing identifier
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable

05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	Note 9
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 12
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 12
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 12
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 12
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 12
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 13
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99	

	USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. If the type account code is K and the item is reportable, then this field contains the ammunition code.
2. If the item is funded, then this field contains the project fund management record (PFMR) code.
3. This field contains the due-out force activity designator (FAD) and the first position of the item record routing identifier code (RIC).
4. If the input TEX code is 6, then this field will contain the input device. If input TEX code is 3, and output source flag is blank, then this position will contain the binary equivalent of the first two positions of the warehouse location.
5. For activity code B due-outs, this field will contain the MAJCOM code in the last two positions.
6. If the input routing identifier code is JBR or HR1, then the routing identifier code D(xx) applies for equipment, budget code 9 items that contain TEX A (free issue) or TEX J (free issue--obligated due-out except for due-out detail code D). If the input routing identifier code is F87 or WRU, receipt processing is considered to be HR1 for internal processing.
7. If the DOR was released within the MILSTRIP time frames, this field contains a 1.
8. This field will contain an octal 053 (+) if the due-out was obligated in a prior year.
9. If the item is under DIFM control, this field will contain the 203-DIFM-STATUS-FLAG.
10. If the TTPC is 7M or 7O, this field will contain a 3.
11. If the TTPC is 7M or 7O, this field will contain the Serialized Reporting Serial Number.
12. Cost field values, if applicable.

**Table 14.57. Cost Field Values.**

COST FIELD/BUDGET CODE	REMARKS
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MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
<b>13.</b> The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).	

**14.33. Due-Out Release (TTPC 2M, 2N, 2O, 2P; TRIC DOR).**

## 14.33.1. Record Description.

**Table 14.58. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	

05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	DIFM status flag
05 901-ISSUE-PRIORITY	PIC X(02)	Due-out UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE		
10 901-BLANK	PIC X(01)	
10 901-ITM-RCD-RELEASE-SD	PIC X(02)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	

05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 1
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock number of item record released
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	

05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	Item record routing identifier
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> 1. Data are extracted from the DIFM detail and contain the current DIFM status, first previous DIFM status code, MAJCOM code, work unit code, and AWP days. 2. If the due-out is UJC AR/BR, the AWP SRD is in positions 1 through 3. 3. Cost field values, if applicable.		

**Table 14.59. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank

Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14N—Due-Out Release (TTPC 2A, 2C TRIC DOR)**

**14.34. Due-Out Release (TTPC 2A, 2C; TRIC DOR).**

14.34.1. Record Description.

**Table 14.60. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Memo due-out flag
05 901-ISSUE-PRIORITY	PIC X(02)	Due-out UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code/Note 1

05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of obligation or Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Due-out detail delivery destination
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE		
10 901-D0-DETAIL-RDD	PIC X(03)	
10 901-BLANK	PIC X(29)	Note 3
05 901-CAGE	PIC X(05)	

05 901-REASON-WHY-CODE	PIC X(01)	Due-out detail force activity designator
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-BLANK-1	PIC X(02)	
10 901-TYPE-ORGANIZATION-CODE	PIC X(01)	
10 901-BLANK-2	PIC X(05)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable



05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99	

	USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. For AFK, the first position of this field contains the ARMS reporting code and the last position will be blank. 2. This field will contain the due-out 901-MARK-FOR data. For UJC AR/BR due-outs, this field will contain the end item DIFM document numbers. 3. If the item being released is an AR or BR UJC due-out, and not TEX code E, positions 30-32 will contain the SRD. 4. Cost field values, if applicable.		

**Table 14.61. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)

Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 140—Due-Out Release (TTPC 2U; TRIC DOR)**

14.34.2. Record Description.

**Table 14.62. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	Note 1
05 901-ERRCD	PIC X(03)	Note 1
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Change-to DIFM status flag
05 901-ISSUE-PRIORITY	PIC X(02)	Due-out UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Note 1
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	

05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Item record released system designator
05 901-FILLER-1	PIC X(01)	Change-from DIFM status flag
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	Note 1
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock number if item released
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	

05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	Note 1
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	

05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. Data are from the released item record stock number. 2. Cost field values, if applicable.		

**Table 14.63. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank

Alpha budget code	Blank
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**14.35. SATS Date/Time Confirmation (TTPC 4Y; TRIC 1SI).**

## 14.35.1. Record Description.

**Table 14.64. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Taken from transaction which created the DCR
05 901-SYS-DESIG	PIC X(02)	
05 901-TRIC	PIC X(03)	1SI
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Transaction Serial Number of the transaction which created the DCR
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Taken from transaction which created the DCR
05 901-ACTION-QTY	PIC 9(06)	Taken from transaction which created the DCR
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	Taken from transaction which created the DCR
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Taken from transaction which created the DCR
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	00803
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	4Y



05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Date/Time customer signed for item
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Taken from transaction which created the DCR
05 901-NOMENCLATURE	PIC X(32)	Customer name and SATS USERID number
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Taken from transaction which created the DCR
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	TRIC of transaction which created the DCR
05 901-USERS-INITIALS	PIC X(01)	SATS
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	

05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Section 14P—Due-Out Release (TTPC 1D, 1F, 1H, 1J, 1L, 1N, 1P, 1R, 2J, 2L, 3H, 3K, 5B, 5D, 5F, 5H, 5J, 5L, 6D, 6F, 6K, 6M, 6O, 6Q, 6S, 6U, 7F, AND 7H; TRIC DOR)**

**14.36. Due-Out Release (TTPC 1D, 1F, 1H, 1J, 1L, 1N, 1P, 1R, 2J, 2L, 3H, 3K, 5B, 5D, 5F, 5H, 5J, 5L, 6D, 6F, 6K, 6M, 6O, 6Q, 6S, 6U, 7F, AND 7H; TRIC DOR).**

14.36.1. Record Description.

**Table 14.65. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Use code
05 901-ISSUE-PRIORITY	PIC X(02)	Due-out UJC
05 901-TEX-CODE	PIC X(01)	

05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail Date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Note 4
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	DOLT of Item/REC
05 901-STATUS-OR-ADVICE-CODE		
10 901-BLANK	PIC X(01)	
10 901-SYS-DESG-OF-D/O-DETAIL	PIC X(02)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	

05 901-MARK-FOR	PIC X(14)	SPRAM Authorized Document code/Note 1
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock Number of due-out detail
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	Blank
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		Notes 2, 3
10 901-BLANK	PIC X(01)	
10 901-TYPE-SPRAM-IND/BLANK	PIC X(01)	
10 901-SPRAM-DEPLD-IND/BLANK	PIC X(01)	
10 901-BLANK-1	PIC X(05)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	

05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. This field will contain special purpose recoverables authorized maintenance (SPRAM) authorized document code in the first 10 positions of the 901-MARK-FOR field.
2. If the TTPC code is 1L or 1N, the 901-FILLER-2, type SPRAM flag/blank and SPRAM deployment flag/blank fields will contain the base of planned use and composition code or the allowance source code.
3. The field will contain type SPRAM flag A, B, D, T, F, S.
4. The 901-ENDING-BALANCE will be a combined total of the following:
  - a. For MSK (232), Special Spares (233), HPMSK (234), Non-Airborne-MRSP (237), Weapons-Training-Spares (WTDOS, 238), Airborne-MRSP (239) and WRM-IRSP-Spares (240):
    - (1) The QUANTITY-ON-HAND
    - (2) The DEPLOYED-QUANTITY
  - b. For Munitions-WRM (230), Scheme (235), and WCDO (241): Only the QUANTITY-ON-HAND.
  - c. For in-use:
    - (1) The ON-HAND-QUANTITY
    - (2) The UNSERV-QUANTITY-CALIB
    - (3) The UNSERV-QUANTITY-MAINT

(4) The DEPLOYED-QUANTITY

5. Cost field values, if applicable.

**Table 14.66. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14Q—Change Due-In Detail (TTPC 1T; TRIC FCI).**

14.36.2. Record Description.



**Table 14.67. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Due-in document number
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(01)	Blank
05 901-FILLER-1	PIC X(01)	

05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(02)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Blank
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SCR-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10)	
05 901-MUC	PIC 9(02)	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	

05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	

05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Section 14R— EAID In-Use Detail Record Load, Change, Or Delete (TTPC 1K, 1L, 1M, 4N, 4O, 4P, 7P, 7Q DIC/TRIC FCI, FER, XJE)**

**14.37. EAID In-Use Detail Record Load, Change, Or Delete (TTPC 1K, 1L, 1M, 4N, 4O, 4P, 7P, 7Q; DIC/TRIC FCI, FER, XJE).**

14.37.1. Record Description.

**Table 14.68. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		Edit Code
10 901-ITEM-CODE	PIC X(01)	
10 901-USE-CODE	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	Equipment code
05 901-DEMAND-CODE	PIC X(01)	Type detail code

05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS		
10 901-BASE-OF-PLANNED-USE	PIC X(03)	
10 901-ALTERNATE-STORAGE-LOCATION	PIC X(03)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction from detail record
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	On-hand quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Authorized quantity/Note 1
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Date of last transaction from item record
05 901-STATUS-OR-ADVICE-CODE		
10 901-BLANK	PIC X(01)	Note 2
10 901-WRM-APPLICATION-CODE	PIC X(02)	
05 901-FILLER-1	PIC X(01)	Special allowance flag
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	An X in this position is a D21 program flag

05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 3
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Change-to or change-from detail document number/Note 4
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 5
05 901-NOMENCLATURE	PIC X(32)	Note 6
05 901 CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	REM component/Low cost flag
05 901-FILLER-2	PIC X(08)	Note 7
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10)	
05 901-MUC	PIC 9(02)	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	

05 901-RID-2	PIC X(03)	
05 901-NEW-SALES-CODE	PIC X(02)	Negative Reply Indicator for XJE, else NWRM Indicator
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	

05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. If the transaction identification code is FCI, then this entry is the authorized quantity. If the transaction identification code is FER, then this entry is the action quantity.
2. If a change is made from or to use code A, C, or D, then the 901-BLANK field will contain the change from use code. Otherwise, it will be blank.
3. If the TTPC is 7P or 7Q, this field will contain a 3.
4. This entry applies only to FCI number 3 inputs. It is blank for other inputs.
5. This field is to be used as follows:
  - a. If the TRIC is FER, then the change-to or change-from is contained in the stock number.
  - b. If the TRIC is FCI and the allowance identification is changed, then positions 1-7 contain the change from allowance identification, position 8 is blank, and positions 9-15 contain the change-to allowance identification.
  - c. If the TRIC is FCI and the allowance identification is not changed, then positions 1-8 are blank, and positions 9-5 contain the record allowance identification.
6. If the TTPC is 7P or 7Q, this field will contain the Serialized Reporting Serial Number.
7. This field will be used as follows:
  - a. If the use code is C or D, or the ASC is 158, then the base of planned use will be stored in the first three positions of the 901-FILLER-2 and the composition code in the four last positions of this field.
  - b. If the use code is unequal to C or D, or the ASC is unequal to 158, then the allowance identification will be stored in the 901-FILLER-2 field.



c. As an exception to the 901-FILLER-2, position 1 contains a D when the asset is deployed. Position 7 of the 901-FILLER-2 field will contain (\*) asterisk denoting the report to the AFEMS (C001) bypass flag.

**Section 14S—EAID/SPRAM Transfer (TTPC 5V, 7Q; TRIC 1ET/FME/FED).**

14.37.2. Record Description.

**Table 14.69. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Shipment exception code
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Condition code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Gaining SRAN
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Shipping document number
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Ending on-hand quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	

05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	A&F interface code/Note 2
05 901-FILLER-1	PIC X(01)	A&F interface code/Note 2
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 1
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-SIGNAL-CODE	PIC X(01)	
10 901-MEDIA-STATUS-CODE	PIC X(01)	
10 901-BLANK	PIC X(01)	
10 901-GAINING-ORG-CODE	PIC X(03)	Note 3
10 901-GAINING-SHOP-CODE	PIC X(02)	Note 3
10 901-GAINING-RID	PIC X(03)	Note 3
10 901-PROJECT-CODE	PIC X(03)	Note 3
05 901-STOCK-NUMBER-REQUESTED		
10 901-DETAIL-DOCUMENT-NUMBER	PIC X(14)	
10 901-FME-ACTION-CODE	PIC X(01)	Note 4
05 901-NOMENCLATURE	PIC X(32)	Note 5
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 6
05 901-FILLER-2	PIC X(08)	Note 7
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank

05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10)	
05 901-MUC	PIC 9(02)	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(05)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	

05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b>		

1. If the TTPC is 7Q, this field will contain a 3.
2. For special purpose recoverables authorized maintenance (SPRAM) transfer, the 901-STATUS-OR-ADVICE-CODE field will be blank, and the 901-DETAIL-DOCUMENT-NUMBER field will contain authorized document number.
3. This field will be blank for EAID terminations.
4. For FME transactions, the action code will be T for transfers and L for termination.
5. For transfer of vehicle, positions 15-19 of the 901-NOMENCLATURE field and positions 1-3 of the 901-CAGE field contain the vehicle registration number. Position 4 of the 901-CAGE field contains the status code, and position 5 contains the replacement code. If the TTPC is 7Q, this field will contain the Serialized Reporting Serial Number.
6. If the use code is A, C, or D, the 901-REASON-WHY-CODE field will contain the use code.
7. If the in-use detail use code is C or D, or the allowance source code (ASC) is 158 or 159, then the 901-FILLER-2 field will contain the base of planned use or composition code. If the use code is unequal to C or D, or the ASC is not 158, then the 901-FILLER-2 field will contain the allowance identification.

**Section 14T—EAID/SPRAM Receipt (TTPC 5W, 7M; TRIC FED)**

14.37.3. Record Description.

**Table 14.70. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Demand code
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Signal code
05 901-DEMAND-CODE	PIC X(01)	Supply condition code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Gaining SRAN
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	

05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Ending on-hand quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	A&F interface code/Note 1
05 901-FILLER-1	PIC X(01)	A&F interface code/Note 1
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 2
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Detail document number
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Prime stock number/Note 1
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 4
05 901-FILLER-2	PIC X(08)	Note 5
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank

05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	Blank
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10)	
05 901-MUC	PIC 9(02)	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	

05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b>		



1. For special purpose recoverables authorized maintenance (SPRAM) receipt, the 901-STATUS-OR-ADVICE-CODE field will be blank, and the 901-STOCK-NUMBER-REQUESTED field will contain authorized document number. When the last two positions of the 901-FIA-CODE field and first two positions of the 901-ACTION-QTY field equal PCSP, position 16 of the 901-NOMENCLATURE field will contain the commodity code, and positions 17-19 of 901-NOMENCLATURE and 901-CAGE fields will contain the schema number.
2. If the TTPC is 7M, this field will contain a 3.
3. If the TTPC is 7M, this field will contain the Serialized Reporting Serial Number.
4. If use codes A, C, or D, then the 901-REASON-WHY-CODE field will contain the use code.
5. If in-use detail use code is C or D, or the allowance standard is 158 or 159, the 901-FILLER-2 field will contain base of planned use/composition code. Otherwise, this field will contain allowance identification.

***Section 14U—EAID/SPRAM (Deployed) Load, Change, Or Delete (TTPC 5X, 5Y, 5Z; TRIC FED, FME, 1ED, 1ET) Prefunded Project Material Receipt (3101 ACCOUNT) (TTPC 6S; TRIC FED)***

14.37.4. Record Description.

**Table 14.71. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		
10 901-ITEM-CODE	PIC X(01)	
10 901-USE-CODE	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	Equipment code
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUP-REQUISITIONER	PIC X(06)	Gaining SRAN
05 901-RID	PIC X(03)	

05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Ending detail authorized quantity/Note 1
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	A&F interface code/Note 2
05 901-FILLER-1	PIC X(01)	A&F interface code/Note 2
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Shipping document number/Note 3
05 901-STOCK-NUMBER-REQUESTED		Note 4
10 901-ALLOWANCE-SOURCE-CODE	PIC X(07)	
10 901-BASE-OF-PLANNED-USE	PIC X(03)	
10 901-ALTERNATE-STORAGE-LOCATION	PIC X(03)	
10 901-BLANK	PIC X(02)	

05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYMENT-FLG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 5
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	Blank
05 901-MISSION-CHANGE-FLG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10)	
05 901-MUC	PIC 9(02)	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	

05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For project material receipts this field will contains the ending 235-QTY-ON-HAND.
2. For special purpose recoverables authorized maintenance (SPRAM) transfer and project material receipts at 3101 accounts, this field will be blank.
3. For project material receipt, this field will contain the SRAN (3101) and the document number of the due-in detail which was decreased or deleted. If field is blank, a due-in did not exist. For a SPRAM or equipment deployment, this field will contain the word 'DEPLOY'. For returns, it will contain the word 'RETURN', followed by the 3-position routing identifier code.
4. For SPRAM processing, this field will contain the authorized document number. For prefunded project material receipts processed at 3101 account, this field will contain the constant 'EIDPRJ' followed by the 8 position project number.
5. For EAID processing when the in-use detail code is C or D, or the allowance source code (ASC) is 158, and the 901-FILLER-2 field will contain the base of planned use/composition code. If the use code is unequal to C or D, or the allowance standard is not 158, or 159 then these fields will contain the allowance identification.

**14.38. EAID/SPRAM Inter-Custody Receipt Account Transfer (TTPC 1K, 1L, 1M, 1N, 3G, 3H, 3J, 3K, 4O, 4P, 7C, 7P, 7Q; TRIC FET).**

14.38.1. Record Description.

**Table 14.72. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Note 1
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		

10 901-ITEM-CODE	PIC X(01)	
10 901-USE-CODE	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	Signal code
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUP-REQUISITIONER	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	Project FMR code/Note 2
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction from detail record
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	On-hand quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	From item record
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 3
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	Note 4
05 901-PRINT-FLAG	PIC X(01)	Note 5

05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Notes 6, 7
05 901-STOCK-NUMBER-REQUESTED		
10 901-BLANK-1	PIC X(01)	
10 901-EQP-CODE	PIC X(01)	
10 901-ASC	PIC X(07)	
10 901-BASE-OF-PLANNED-USE	PIC X(04)	
10 901-BLANK-2	PIC X(01)	
05 901-NOMENCLATURE	PIC X(32)	Note 8
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2		Note 1
10 901-BLANK	PIC X(03)	
10 901-ALT-STOR-LOC	PIC X(03)	
10 901-SPEC-ALLOW-FLAG	PIC X(01)	
10 901-FILLER	PIC X(01)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	Blank
05 901-MISSION-CHANGE-FLG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10)	
05 901-MUC	PIC 9(02)	

05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05)	



	USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. If the in-use detail use code is equal to C or D, or the allowance standard is 158 or 159, then the base of planned use/composition code is stored in the 901-FILLER-2 field. If the use code is unequal to C or D or allowance standard 158, then the 901-FILLER-2 field will contain the allowance identification.
2. The following information applies:
  - a. This entry is the routing identifier code (RIC) except when the transaction phrase code is 1K or 1M and the losing and gaining organization codes are unequal.
  - b. If the transaction phrase code is 1K or 1M and the losing and gaining organization codes are unequal, then this entry is the project FMR code applicable to the organization code in the transaction history. If no project FMR is affected, then the field is blank.
3. For SPRAM transfer, the 901-MAT-CAT-SOS-CODE field will contain the type SPRAM flag.
4. The TTPC 3H results when the input stock number is established as a substitute quantity and the authorized quantity on the prime detail is increased.
5. If the TTPC is 7P or 7Q, this field will contain a 3.

6. The following information applies:

a. When the transaction history is for an in-use detail record, the 901-MARK-FOR field is used as follows:

(1) If the transaction history is for a substitute in-use detail, then the 901-MARK-FOR field is blank.

(2) If the history is for an authorized/prime in-use detail, and the document number of the transaction history is for the losing detail, then positions 1-5 are the input decrease authorization.

(3) If the history is the gaining document number, then positions 1-5 are the input increase authorization. Positions 6-9 are blank, and positions 10-14 reflect the authorized quantity recorded on the in-use detail record.

b. If the transaction history is for a registered equipment management (REM) detail record, then positions 1-7 reflect the vehicle registration number, and positions 8-14 are blank.

7. Upon SPRAM transfer, the 901-MARK-FOR field will contain the authorized document code.

8. If the TTPC is 7P or 7Q, this field will contain the Serialized Reporting Serial Number.

**Section 14V—EAID Accounting Terminated (TTPC 1M, 4O, 4P TRIC FEC)**

**14.39. EAID Accounting Terminated (TTPC 1M, 4O, 4P; TRIC FEC).**

14.39.1. Record Description.

**Table 14.73. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		
10 901-ITEM-CODE	PIC X(01)	
10 901-USE-CODE	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	Transaction identification code
05 901-UNIT-OF-ISSUE	PIC X(02)	

05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUP-REQUISITIONER	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction from detail record
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Zero
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	On-hand quantity
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-AUTHORIZED-QUANTITY	PIC X(05)	
10 901-BLANK-1	PIC X(02)	
10 901-EQUIPMENT-CODE	PIC X(01)	
10 901-BLANK-2	PIC X(03)	

10 901-REM-COMP-LOW-COST-FLG	PIC X(01)	
10 901-BLANK-3	PIC X(02)	
05 901-STOCK-NUMBER-REQUESTED		
10 901-ALLOWANCE-SOURCE-CODE	PIC X(07)	
10 901-BASE-OF-PLANNED-USE	PIC X(03)	
10 901-ALTERNATE-STORAGE-LOCATION	PIC X(03)	
10 901-LABEL-FLAG	PIC X(01)	
10 901-BLANK-4	PIC X(01)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Blank
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	Blank
05 901-MISSION-CHANGE-FLG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	Blank
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10)	
05 901-MUC	PIC 9(02)	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	

05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Section 14W—Excess Shipment Credit Acknowledgment (TTPC 2G, 2H, 9D; TRIC FTB, FTZ).**

14.39.2. Record Description.

**Table 14.74. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Supply condition code
05 901-ISSUE-PRIORITY	PIC X(02)	Input priority
05 901-TEX-CODE	PIC X(01)	SNC flag
05 901-DEMAND-CODE	PIC X(01)	Signal code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Suffix/MRP flag

05 901-FUND-CODE	PIC X(02)	
05 901-SUP-REQUISITIONER	PIC X(06)	Input supplementary address
05 901-RID	PIC X(03)	SNC detail routing identifier code
05 901-DOCUMENT-NBR		
10 901-DOCUMENT-NUMBER-SRAN-BLANK	PIC X(06)	
10 901-DOCUMENT-NUMBER-AND-SERIAL-NUMBER	PIC X(08)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date shipped
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-BLANK	PIC X(01)	
10 901-STATUS-CODE	PIC X(02)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(01)	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	

05 901-MARK-FOR	PIC X(14)	TCN
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE		
10 901-MATERIEL-RECEIPT-DATE	PIC X(03)	
10 901-ORIG-INPUT-TRIC	PIC X(03)	
10 901-BLANK	PIC X(13)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	



05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> If the 901-BUDGET-CODE field is equal to Z, then the 901-MAT-CAT-SOS-CODE field contains the materiel acquisition control activity (MACR) update code (MUC).		

**Section 14X— Force Return - Obligated Due-Out Direct Charge (TTPC 8Y; TRIC 1PU).**

14.39.3. Record Description.

**Table 14.75. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		
10 901-CONSTANT-N	PIC X(01)	Constant N
10 901-BLANK	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Blank

05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUP-REQUISITIONER	PIC X(06)	
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of obligation
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 680
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(01)	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank

05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	

05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 1
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 2. Cost field values, if applicable.		

**Table 14.76. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank

Alpha budget code	Blank
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**Section 14Y—Reverse Post Force Return - Obligated Due-Out Direct Charge (TTPC HY; TRIC IPU)**

14.39.4. Record Description.

**Table 14.77. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX CODE	PIC X(01)	
05 901-DEMAND CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of obligation
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 680
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10)	

	USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	



05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	

05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> Cost field values, if applicable.		

**Table 14.78. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)

Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14Z—BFMO Oil Issues (Manual Processing) (TPPC 3Q/CQ TRIC FSU).**

**14.40. BFMO Oil Issues (–Manual Processing) (TPPC 3Q/CQ; TRIC FSU).**

14.40.1. Record Description.

**Table 14.79. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	6 or R/Note 1
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	

05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Note 2
05 901-RID	PIC X(03)	PFMR code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06) USAGE IS COMP	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	Product identification code/Note 3
05 901-OUTPUT-TERMINAL-NBR	PIC X(05)	Input function
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	

05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
10 901-BLANK-1	PIC X(01)	
10 901-TYPE-ORGANIZATION-CODE	PIC X(01)	
10 901-BLANK-2	PIC X(05)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	

05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. R indicates record correction & reversal (RVP). 2. The home base Department of Defense activity address code (DODAAC) and the SRAN contain the Civil Engineering work order number or are left blank. 3. Position identifier (PID) is a program assigned "o" to indicate oil.		

**14.41. IDENTITY CHANGE (TTPC 1A/1B; TRIC FCH).**

## 14.41.1. Record Description.

**Table 14.80. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		
10 901-BLANK	PIC X(01)	Blank
10 CHANGE TO/FROM BUDGET CODE	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	

05 901-FUND-CODE	PIC X(02)	Application code/Ammunition Transaction code/Note 1
05 901-SUP-REQUISITIONER	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-CHANGE-TO-STOCK-NUMBER	PIC X(15)	Change-to or change-from stock number
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	



05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	

05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If the type account code is K and the item is reportable, then this field contains the ammunition transaction code. EXCEPTION: When the identity change input makes a transfer between the basic and an overflow adjunct record, then this field does not contain the ammunition transaction code. 2. 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (extended MAC). 3. Cost field values, if applicable.		

**Table 14.81. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank

MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.42. Increase/Add DIFM Detail (TTPC 2P; TRIC DUO).**

## 14.42.1. Record Description.

**Table 14.82. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUP-REQUISITIONER	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	

05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(01)	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(07)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	

05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Note 1
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	Note 2
05 901-DBOF-FLAG	PIC X(01)	Note 3
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	

05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. For Maintenance(J Activity Code) this field contains the JOB Control Number. 2. This field contains the JOCAS number for JOCAS organizations. 3. This field contains the DBOF flag for DBOF organizations. 4. Cost field values, if applicable.		

**Table 14.83. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)

Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AA—Increase Item Record (TTPC 1B, 7N; TRIC REC)**

**14.43. INCREASE ITEM RECORD (TTPC 1B, 7N TRIC REC).**

14.43.1. Record Description.

**Table 14.84. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Due-in demand code or receipt not-due-in flag (J)



05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Condition code if unserviceable
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 1
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 2
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last adjustment or Blank/Note 3
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	Positions 3-4 is the year of purchase order for local purchase receipts.
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Due-in project code Unserviceable SRD
05 901-FILLER-1	PIC X(01)	Due-in signal code
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	

05 901-PRINT-FLAG	PIC X(01)	Note 4
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Notes 5, 6
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 7
05 901-NOMENCLATURE	PIC X(32)	Note 8
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Purpose code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 10
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	Stock Number SRD- COLLECTION-FLAG
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	

05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 9
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 9
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 9
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 9
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 9
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	

05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. This field contains the ammunition transaction code for receipts of ammunition Air Force munitions account (AFK) items.
2. For local manufacture receipts of SMAG items (budget code 9), positions 2-6 reflect the organization and shop code of the fabricating activity.
3. This field is blank for unserviceable receipts.
4. If the TTPC is 7N, this field will contain a 3.
5. The over/short quantity is entered in positions 1-5 when processing other than local purchase receipts. When processing local purchase receipts, the variance quantity, when authorized, is recorded in positions 1-5.
6. The following information applies:
  - a. For local purchase receipts, positions 7-11 contains the purchase order number and positions 12-14 contain the blanket purchase agreement (BPA) call number.
  - b. For local manufacture receipts, positions 13-14 contain the command code.
  - c. For all other receipts, position 14 reflects the suffix code.
7. For unserviceable receipts, this field contains the unserviceable detail document number in positions 2-15. For serviceable receipts, this field contains the stock number requested when a substitute was supplied.

8. For 3101 project receipts, this field will contain project pieces (quantity) in positions 1-3, weight (pounds) in positions 4-9, cube (feet) in positions 10-12, and date project received in positions 13-19. If the TTPC is 7N, this field will contain the Serialized Reporting Serial Number.

9. Cost field values, if applicable.

**Table 14.85. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
<b>10.</b> Positions 5-7 contains the Receipt Input Project Code, Tote Box/Hold Bay, MICAP Termination/Due-Out Release Date from the Receipt Input (positions 57-59).	

**Section 14AB—Increase Item Record (TTPC 1B; TRIC RAR)**

14.43.2. Record Description.

**Table 14.86. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	N
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUP-REQUISITIONER	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Project code
05 901-FILLER-1	PIC X(01)	

05 901-OUTPUT-TERMINAL-NBR	PIC X(01)	Input function
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank/Note 1
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Supply condition code
05 901-FILLER-2		Item status code, blank
10 901-ITEM-STATUS-CODE	PIC X(01)	
10 901-BLANK	PIC X(06)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	

05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05)	



	USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If the input project code is 440, this field contains the unserviceable detail document number. 2. Cost field values, if applicable.		

**Table 14.87. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank

MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AC—Consolidate/Delete Unserviceable Detail (TPC 1A; TRIC REC)**

14.43.3. Record Description.

**Table 14.88. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	

05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Unserviceable disposition request ADR date
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Zeros
05 901-ACTION-QTY	PIC 9(06)	Unserviceable quantity
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	Type organization code
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Unserviceable document number (14 pos)
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	

05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901- RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10)	Note

	USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> Cost field values, if applicable.		

**Table 14.89. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

*Section 14AD—Change WRM Due-Out Detail From Unsupportable To Supportable (TTPC 7K; TRIC REC)*

14.43.4. Record Description.

**Table 14.90. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Constant R
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Constant U
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	From due-out detail
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Note 1
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 000
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	

05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	



05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. For overage and shortage receipts, the computer updates the ending balance with the quantity due-in rather than actual quantity received. 2. Cost field values, if applicable.		

**Table 14.91. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)

Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

#### 14.44. Indicative Data Change (TTPC 3U, 3X, 4V; TRIC 1AP, FIC).

##### 14.44.1. Record Description.

**Table 14.92. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	DIFM STATUS FLAG
05 901-ISSUE-PRIORITY	PIC X(02)	BS if bench stock item
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Record code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	

05 901-FUND-CODE	PIC X(02)	Application code/Note 1
05 901-SUP-REQUISITIONER	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC X(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Notes 1, 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Notes 1, 2
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-CONTROLLED-ITEM-CODE	PIC X(01)	
10 901-BLANK	PIC X(02)	
05 901-FILLER-1	PIC X(01)	Change-to/change-from budget code
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-ISG-NUMBER	PIC X(04)	Note 3
10 901-BLANK	PIC X(04)	Note 3

10 901-CHANGE-FROM-TO-ERRCD	PIC X(03)	
10 901-BLANK	PIC X(03)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Supply condition code from the 204-Material-Condition field
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Net price increase/Note 5
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	Note 8
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	

05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 6
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 7
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. This transaction history record is created only for application code changes when the type stock record account code is K, and only when the first position of the application code is being changed to or from R.
  - a. If the first position has been changed from R to N, ammunition transaction code 91 is stored in the application code field of this transaction history.
  - b. If the first position is changed from N to R, 92 will be in this field.
  - c. All transaction histories with 91 or 92 in the application code field have an A in the demand code field, zeros in the ending balance and action quantity field, and blanks in the extended cost field.
2. If the unit price multiplied by the affected balance results in the extended cost overflowing eight positions, the action quantity is reduced and multiple transaction histories are created in sufficient number to prevent an overflow reject. When this occurs, the quantity in the DCR (if output) will not agree with the quantity on the corresponding warehouse change document (if printed). See AFH 23-123, Vol 2, Pt 2, Ch 7 for management notice F306.
3. If the type detail code is V, then the vehicle registration number is in this field.
4. This field is used for item record transaction histories (type A) to accumulate the extended cost of due-in details for automatic materiel acquisition control record (MACR) interface. This occurs when budget code changes require the migration of funds between MACR.
5. During the migration of funds to budget codes 1 and 9, the TTPC 3U type demand code A transaction history contains the dollar value of the net increase computed as follows for the affected stock number:
  - a.  $\text{Current Processing Date} - \text{DOFD} = \text{Divisor}$ . (If less than 180, make it 180.)
  - b.  $\text{Current Recurring Demands} = \text{Dividend}$ .

- c. Divisor into Dividend = QTN (DDR). (Decimal alignment is maintained and the first three positions from decimal placement are used as the DDR.)
- d. QTN daily demand rate (DDR) X 365 = Annual Result.
- e. Annual Result X \$ Value = Net Increase (Annual).
6. Cost field values, if applicable.

**Table 14.93. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
<b>7. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).</b>	



8. When the ERRCD is equal to ND(x) or NF(x), this field will contain an ACQUISITION ADVICE CODE of F, I, L, T, V, X, or Y.

#### 14.45. Indicative Data Change (TTPC 2V, 3V, 3Y; TRIC FIC).

##### 14.45.1. Record Description.

**Table 14.94. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	BS if bench stock item
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Type record code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code/Note 1
05 901-SUPP-ADDRESS		
10 901-BLANK	PIC X(02)	
10 901-EEX	PIC X(01)	
10 901-IEX-CODE	PIC X(01)	
10 901-REX	PIC X(01)	
10 901-SEX	PIC X(01)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05)	

	USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Note 3
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 4
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-ISG-NUMBER	PIC X(04)	Notes 2, 5
10 901-BLANK	PIC X(04)	Notes 2, 5
10 901-BLANK	PIC X(06)	Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 6
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	

05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	Supply condition code
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-4	PIC 9(10)	Note 8

	USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 8
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 7
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b>		

1. If the type stock record account code is K and the condition code is A, the ammunition transaction code 90 is stored in the code field of the change-from transaction history. Otherwise, the item record application code is stored in the code field.
2. For condition codes A and F, this field contains stock number changes only.
3. If the unit price multiplied by the affected balance results in the extended cost overflowing eight positions, the action quantity is reduced and multiple transaction histories are created in sufficient number to prevent an overflow reject. When this occurs, the quantity in the DCR (if output) does not agree with the quantity on the corresponding warehouse change document (if printed). See AFH 23-123, Vol 2, Pt 2, Ch 7 for the management notice F306.
4. This entry applies only to items migrating to, from, or within divisions of the SMAG and to due-in detail transaction histories. If the migration decreases the orders-placed field of the appropriate MACR, the 901-MAT-CAT-SOS-CODE field must contain K. If the net change is an increase, the 901-MAT-CAT-SOS-CODE field must contain J.
5. If the type detail code is V, then the vehicle registration number is in positions 1-8 of the redefined 901-MARK-FOR field.
6. If the TTPC is 3Y, then this field contains the change-to stock number. If the TTPC is 3V, then this field contains the change-from stock number. If TTPC 3V or 3Y, and TRIC is FIC that was created as a result of processing program NGV441, then this field will contain the 250 serial number.
7. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
8. Cost field values, if applicable.

**Table 14.95. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank

Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AE—Inventory Adjustments (TTPC 1A, 1B, 1C, 1D, 1E, 1G, 1H, 1I, 1K, 1L, 1M, 1O, 1P, 1Q, 2I, 2J, 2K, 2M, 2N, 2O, 3G, 3H, 3J, 7N, 7O, 7P, 7Q TRIC IAD)**

**14.46. Inventory Adjustments (TTPC 1A, 1B, 1C, 1D, 1E, 1G, 1H, 1I, 1K, 1L, 1M, 1O, 1P, 1Q, 2I, 2J, 2K, 2M, 2N, 2O, 3G, 3H, 3J, 7N, 7O, 7P, 7Q; TRIC IAD)**

14.46.1. Record Description.

**Table 14.96. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYSTEM-DESIGNATOR	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank/Note 1
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Note 2
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code/Note 3
05 901-SUP-REQUISITIONER	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	

05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction blank for serviceable adjustments
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank/Note 5
05 901-FILLER-1	PIC X(01)	Note 4
05 901-OUTPUT-TERMINAL-NBR	PIC X(01)	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 6
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Serviceable warehouse location detail number
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Auto adjustments for XB3 less than \$60.00. Type account code is B.
05 901-NOMENCLATURE	PIC X(32)	Note 7
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank or Type authorization code
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	

05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-LEVEL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10)	Note 8



	USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 8
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>The following information applies: <ol style="list-style-type: none"> <li>If the TTPC is 1M, position 1 contains the item code and position 2 contains the use code of the in-use detail.</li> <li>If the TTPC is 3G/3H histories, then position 1 contains the item code and position 2 contains the type special purpose recoverables authorized maintenance (SPRAM) flag.</li> </ol> </li> <li>This field contains A for serviceable balance adjustment; E, F, G, or J for unserviceable detail adjustment; and is blank for other balances.</li> <li>This field contains the ammunition transaction code for all type account code K adjustments.</li> <li>A 5 in this field identifies an inventory adjustment document (IAD) of a retail outlet item.</li> <li>The first position of this field will contain the controlled item code and the third position will contain the type adjustment code from the 508 Inventory Adjustment Basic Record.</li> <li>If the TTPC is 7N, 7O, 7P, or 7Q, this field will contain a 3.</li> <li>If the TTPC is 7N, 7O, 7P, or 7Q, this field will contain the Serialized Reporting Serial Number.</li> <li>Cost field values, if applicable.</li> </ol>		

**Table 14.97. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank

Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.47. INVENTORY MANAGEMENT RECORD ADJUSTMENT (TTPC 8B, 9D; TRIC 1BA, 1DB, 1DR, FJ1, FJ2, FK1, FK2, SMR).**

14.47.1. Record Description.

**Table 14.98. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Notes 1, 2
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Note 2
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 2
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank

05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Note 3
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	Note 1
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Notes 2, 4
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 4
05 901-NOMENCLATURE	PIC X(32)	Note 5
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	

05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10)	

	USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. This field contains constant 00 in the first two positions for transaction identification code (TRIC) SMR input transactions.
2. This field contains data from the TRIC CCS transaction history when the SMR is written by a CCS input.
3. This field is blank for SMR inputs.
4. If the SMR is the result of a record correction & reversal, these fields contain the document number and stock number in that order from the record correction & reversal transaction history.
5. The following information applies:
  - a. For FK1 and FK2 transactions, the following apply:

Positions 4-6 contain the (unconverted TRIC) input positions 1-3.

Positions 7-18 contain the management notice phrase codes (four positions each), when applicable.

Positions 3-7 and 19 are blank.

- b. For 1DB and 1DR transactions, positions 7-18 contain the management notice phrase codes (four positions each), when applicable, and positions 3-7 and 19 are blank.

**14.48. ISSUE FROM SUPPLY POINT (TTPC 1C, 1E; TRIC, MSI)****14.48.1. Record Description.****Table 14.99. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code/Note 1

05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail DOLT
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Detail document number
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	



05 901-IEX-CODE	PIC X(01)	IEX code 8 or 9 only
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	

05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If type account code is K, the ammunition transaction code is entered. 2. Positions 17 through 19 will contain the 101-RID. 3. Cost field values, if applicable.		

**Table 14.10. 100 Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank

Budget code 9	Blank
Alpha budget code	Blank
<b>4.</b> The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).	

**Section 14AF—Issue To In-Use Detail (TTPC 1L, 1N TRIC, ISU)**

**14.49. Issue To In-Use Detail (TTPC 1L, 1N; TRIC, ISU).**

14.49.1. Record Description.

**Table 14.101. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Use code
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction (TTPC 1L); zeros (TTPC 1N)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05)	

	USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	EMEF reportability code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 1
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	

05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3

05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If the use code is not a C or D or the allowance standard is not 158 or 159, then the allowance identification will be stored in the 901-FILLER-2.		

2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
3. Cost field values, if applicable.

**Table 14.102. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14AG—Issue To REM Detail (TTPC 2X; TRIC ISU)***

## 14.49.2. Record Description.



**Table 14.103. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Equipment code
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	

05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 902-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 1
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	

05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If the Use Code is C or D, field will contain the Base of Planned Use; otherwise, field will contain the Allowance Source Code. 2. Cost field values, if applicable.		

**Table 14.104. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank

Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.50. Issue To Supply Point Detail (TTPC 1D, 1F; TRIC ISU).**

## 14.50.1. Record Description.

**Table 14.105. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code (Note 1)

05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction (TTPC 1D); zeros (TTPC 1F)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record date of last transaction
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	

05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	

05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99	



	USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If the type account code is K, the ammunition transaction code is entered. 2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 3. Cost field values, if applicable.		

**Table 14.106. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank

MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AH—Issue/DIFM Item (TTPC 2P TRIC, ISU, MSI)**

**14.51. Issue/DIFM Item (TTPC 2P; TRIC, ISU, MSI).**

14.51.1. Record Description.

**Table 14.107. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	DIFM status flag
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application project code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Zeros (MSI)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Issue-from detail number (MSI)
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	ISU/DIFM date
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	

05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Note 1
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	Note 2
05 901-DBOF-FLAG	PIC X(01)	Note 3
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10)	Note 5

	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For Maintenance (J Activity Code) this field contains the Job Control Number.
2. This field contains the JOCAS number for JOCAS organizations.
3. This field contains the DBOF flag for DBOF organizations.

4. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
5. Cost field values, if applicable.

**Table 14.108. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AI—Issue To/From SPRAM Detail (TTPC 3G, 3H, 3J, 3K; TRIC ISU)**

## 14.51.2. Record Description.

**Table 14.109. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank

05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 1
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(01)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	



05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. Positions 1-10 of 901-MARK-FOR will contain SPRAM authorized document number code. 2. Cost field values, if applicable.		

**Table 14.110. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank

Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AJ— Issue To Mission Support Kit (MSK) Detail (TTPC 1H, 1J; TRIC ISU)**

14.51.3. Record Description.

**Table 14.111. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code/Note 1

05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	

05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	

05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If the type account code is K, the ammunition transaction code is entered. 2. The last three positions will contain the 101-ROUTNG-IDNTFYR. 3. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 4. Cost field values, if applicable.		

**Table 14.112. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank

MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AK—Issue To Mobility Readiness Spares Package (MRSP) Detail (TTPC 2J, 2L; TRIC ISU)**

14.51.4. Record Description.

**Table 14.113. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction, zeros (TTPC 2L)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05)	



	USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(01)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	

05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10)	Note 2

	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 1
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 2. Cost field values, if applicable.		

**Table 14.114. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14AL—Issue To In-Place Readiness Spares Package (IRSP) DETAIL(TTPC 1P, 1R; TRIC ISU)***

14.51.5. Record Description.

**Table 14.115. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	

05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction (TTPC 1P), zero (TTPC 1R)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank

05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	

05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	

05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The last three positions will contain the 101-ROUTNG-IDNTFYR. 2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 3. Cost field values, if applicable.		

**Table 14.116. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)



Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AM—Issue To Special Spares Detail (TTPC 5B, 5D; TRIC ISU)**

14.51.6. Record Description.

**Table 14.117. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	

05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction (TTPC 5B), zero (TTPC 5D)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	

05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10)	Note 3

	USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	

05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The last three positions will contain the 101-ROUTNG-IDNTFYR. 2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 3. Cost field values, if applicable.		

**Table 14.118. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AN—Issue To High Priority Mission Support Kit (HPMSK) Detail (TTPC 5F, 5H; TRIC ISU)**

14.51.7. Record Description.

**Table 14.119. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction (TTPC 5F), zero (TTPC 5H)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	

05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Item record DOLT
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10)	

	USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05)	



	USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The last three positions will contain the 101-ROUTNG-IDNTFYR. 2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 3. Cost field values, if applicable.		

**Table 14.120. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)

Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AO—Non-Airborne MRSP Detail (TTPC --Issue to 6D, 6F; TRIC ISU)**

14.51.8. Record Description.

**Table 14.121. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	

05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction (TTPC 6D), zero (TTPC 6F)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 1

05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	

05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The last three positions will contain the 101-ROUTNG-IDNTFYR. 2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 3. Cost field values, if applicable.		

**Table 14.122. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank

Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14AP—Issue To Weapons Training Detachment Operating Spares (WTDOS)  
DETAIL (TTPC 6K, 6M; TRIC ISU)***

14.51.9. Record Description.

**Table 14.123. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction (TTPC 6K), zero (TTPC 6M)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	



05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10)	Note 3

	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. The last three positions will contain the 101-ROUTNG-IDNTFYR.
2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
3. Cost field values, if applicable.

**Table 14.124. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14AQ—Issues To War Consumable Distribution Objective (WCDO) DETAIL (TPPC 60, 6Q DIC/TRIC ISU)***

14.51.10. Record Description.

**Table 14.125. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	

05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction (TTPC 6O), zero (TTPC 6Q)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank

05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	

05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	

05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The last three positions will contain the 101-ROUTNG-IDNTFYR. 2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 3. Cost field values, if applicable.		

**Table 14.126. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)

Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14AR—Issues To Scheme Detail (TTPC 6S, 6U; TRIC ISU)**

14.51.11. Record Description.

**Table 14.127. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	



05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction (TTPC 6S), zero (TTPC 6U)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	

05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10)	

	USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	

05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> The last three positions will contain the 101-ROUTNG-IDNTFYR.		

**Section 14AS—Issue From Mission Support Kit (MSK) Detail (TTPC 1G, 1I; TRIC MSI)**

14.51.12. Record Description.

**Table 14.128. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code/Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Detail document number
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	

05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2

05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The last three positions will contain the 101-ROUTNG-IDNTFYR. 2. Cost field values, if applicable.		

Table 14.129. Cost Field Values.

COST FIELD/BUDGET CODE	REMARKS
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MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
<b>3.</b> The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).	

***Section 14AT—Issue From Mobility Readiness Spares Package (MRSP) Detail (TTPC 2I, 2K; TRIC MSI)***

14.51.13. Record Description.

**Table 14.130. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	



05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code/Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	

05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Detail document number
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	

05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	

05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The first 12 positions will contain the 024-MRSP-IRSP-SERIAL-NUMBER. The 13th position will contain the 024-TYPE-SPARES-CODE. The last three positions will contain the 101-ROUTNG-IDNTFYR. 2. Cost field values, if applicable.		

**Table 14.131. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank

Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
<b>3.</b> The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).	

**Section 14AU—Issue From In-Place Readiness Spares Package (IRSP) Detail (TPPC 10, IQ; TRIC MSI)**

14.51.14. Record Description.

**Table 14.132. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code/Blank

05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Detail document number
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 2
05 901-IEX-CODE	PIC X(01)	

05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10)	Note 3

	USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	



05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The first 12 positions will contain the 024-MRSP-IRSP-SERIAL NUMBER. The 13th position will contain the 024-TYPE-SPARES-CODE. The last three positions will contain the 101-ROUTNG-IDNTFYR. 2. If the TTPC is 1Q, the first positions of the 901-FILLER-2 field will contain the last position of the MAJCOM code. 3. Cost field values, if applicable.		

**Table 14.133. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)

Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
4. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).	

**Section 14AV—Issue From Special Spares Detail (TPPC 5A, 5C; TRIC MSI)**

14.51.15. Record Description.

**Table 14.134. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code/Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Detail document number
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	

05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2

05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The 13th position will contain the 024-TYPE-SPARES-CODE. The last three positions will contain the 101-ROUTNG-IDNTFYR. 2. Cost field values, if applicable.		

**Table 14.135. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
<b>3.</b> The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).	

**Section 14AW—Issue From High Priority Mission Support Kit (HPMSK) Detail (TPPC 5E, 5G; DIC/TRIC MSI)**

14.51.16. Record Description.

**Table 14.136. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
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05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code/Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05)	

	USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Detail document number
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	



05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The first 12 positions will contain the 024-MRSP-IRSP-SERIAL-NUMBER. The 13th position will contain the 024-TYPE-SPARES-CODE. The last three positions will contain the 101-ROUTNG-IDNTFYR. 2. Cost field values, if applicable.		

**Table 14.137. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank

MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
3. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).	
14.51.16. Reserved For Future Use.	

**Section 14AX—Issue From Mobility Readiness Spares Package (MRSP) Detail (TTPC 6C, 6E; DIC/TRIC MSI)**

14.51.17. Record Description.

**Table 14.138. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	

05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code/Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Detail document number
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank

05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	

05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The first 12 positions will contain the 024-MRSP-IRSP-SERIAL-NUMBER. The 13th position will contain the 024-TYPE-SPARES-CODE. Positions 17 through 19 will contain the 101-RID. 2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 3. Cost field values, if applicable.		

**Table 14.139. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC

Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14AY—Issue From Weapons Training Detachment Operating Spares (WTDOS)  
Detail (TRIC MSI)***

14.51.18. Record Description.

**Table 14.140. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code/Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	



05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Detail document number
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	

05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3

05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The first 12 positions will contain the 024-MRSP-IRSP-SERIAL-NUMBER. The 13th position will contain the 024-TYPE-SPARES-CODE. Positions 17 through 19 will contain the 101-RID.		

2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
3. Cost field values, if applicable.

**Table 14.141. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14AZ—Issue From War Consumable Distribution Objective (WCDO) Detail (TTPC 6N, 6P; DIC/TRIC MSI)***

**14.51.19. Record Description.**

**Table 14.142. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code/Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank

05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Detail document number
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 902-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	

05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The first 12 positions will contain the 024-MRSP-IRSP-SERIAL-NUMBER. The 13th position will contain the 024-TYPE-SPARES-CODE. Positions 17 through 19 will contain the 101-RID. 2. Cost field values, if applicable.		

**Table 14.143. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank



Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
<b>3.</b> The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).	

**Section 14BA—Issue From Scheme Detail (TTPC 6R, 6T; TRIC MSI)**

14.51.20. Record Description.

**Table 14.144. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	

05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code/Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Detail document number
05 901-NOMENCLATURE	PIC X(32)	Note
05 901-CAGE	PIC X(05)	

05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	

05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> Positions 17 through 19 will contain the 101-RID.		

**Section 14BB—Issue To Munition WRM Detail (TPPC 7G, 7I; TRIC ISU)**

14.51.21. Record Description.

**Table 14.145. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Ammunition transaction code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	

05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction (TTPC 1P), zero (TTPC 1R)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	

05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10)	

	USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	



05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. Positions 17 through 19 will contain the 101-RID. 2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).		

**14.52. Issues (TTPC 1A, 3P, 3Q, 7M, 7O, 7Q; TRIC ISU, MSI).**

## 14.52.1. Record Description.

**Table 14.146. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code (Note 1)
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 9
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank (Note 2)
05 901-FILLER-1	PIC X(01)	DIFM Status Flag
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Note 3
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 4
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Issued-From Detail Number (MSI)
05 901-NOMENCLATURE	PIC X(32)	Note 5
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 12
05 901-IEX-CODE	PIC X(01)	TTPC 1A only
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	

05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	102-TYPE-METRICS
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Note 6
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	Note 7
05 901-DBOF-FLAG	PIC X(01)	Note 8
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-5	PIC 9(10)	Note 11

	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 10
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. If the type account code is K, the ammunition transaction code is entered.
2. Supply condition code for unserviceable issues are placed in position 3. Authority for issue flag is placed in position 1 for activity code P issues.
3. If TTPC is 3Q, the input function number will be stored.

4. If the TTPC is 5Z, 7M, 7O, or 7Q, this field will contain a 3.
5. Positions 17 through 19 will contain the 101-RID. If the TTPC is 7M, 7O, or 7Q, this field will contain the Serialized Reporting Serial Number.
6. For Maintenance (J Activity Code) this field contains the Job Control Number.
7. This field contains the JOCAS number for JOCAS organizations.
8. This field contains the DBOF number for DBOF organizations.
9. If the TTPC is 1A, 022-Standard-Price will be used with the exception of an XD unserviceable in which the 022-Filler 1 (Carcass) Price will be used.
10. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
11. Cost field values, if applicable.

**Table 14.147. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)

Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
<b>12.</b> Position 2 of 901-FILLER-2 field equals TYPE-ORG-CODE and position 8 equals OFF-BASE-FLAG.	

**14.53. ISSUE FROM WRM/IN-USE DETAIL (TPPC 1A, 1B, 1K, 1M, 3Q; TRIC MSI, RAR).**

14.53.1. Record Description.

**Table 14.148. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC (Note 1)
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Note 2
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code (Note 1)
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	Note 3
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05)	

	USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 1
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 1
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Notes 4, 5
05 901-NOMENCLATURE	PIC X(32)	Note 6
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	EMEF code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 1
05 901-IEX-CODE	PIC X(01)	IEX Code 8 or 9 only
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	

05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-5	PIC 9(10)	Note 8



	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 7
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For repair and return (RAR) inputs, this field is blank.
2. For RAR inputs, this field will contain supply condition code.
3. If TTPC is 1B, 1K, or 1M, then this field contains the detail document number. If TTPC is 1A, then this field contains the MSI input document number.

4. If TTPC is 1B, 1K, or 1M, then this field will contain the MSI input document number. If TTPC is 1A, then this field contains the detail document number.
5. For RAR inputs, this field contains the due-out document number.
6. Positions 17 through 19 will contain the 101-RID.
7. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
8. Cost field values, if applicable.

**Table 14.149. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.54. RESERVED.**

14.54.1. Reserved For Future Use.

#### 14.55. ITEM RECORD DELETE (TTPC 4I; TRIC FID).

14.55.1. Record Description.

**Table 14.150. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Force delete code
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	FID
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUP-REQUISITIONER		
10 901-BLANK	PIC X(03)	Blank
10 901-EXCESS-EXCEPTION-CODE	PIC X(01)	
10 901-REQUISITION-EXCEPTION-CODE	PIC X(01)	
10 901-SHIPMENT-EXCEPTION-CODE	PIC X(01)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Blank

05 901-ACTION-QTY	PIC X(06)	Cumulative recurring demand
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price
05 901-FILLER-4	PIC X(04)	Blank
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-CONTROLLED-ITEM-CODE	PIC X(01)	
10 901-BLANK	PIC X(02)	Blank
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC X(01)	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	4I
05 901-PRINT-FLAG	PIC X(01)	3
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED		
10 901-DOFD	PIC 9(05)	
10 901-BLANK-1	PIC X(01)	Blank
10 901-NBR-DEMANDS	PIC X(02)	
10 901-BLANK-2	PIC X(07)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	Blank
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	Blank
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank

05 901-ORIG-TRIC	PIC X(03)	FID
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	Blank
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	Blank
05 901-MUC	PIC 9(02) USAGE IS COMP	Blank
05 901-MACR-ACTION	PIC X(01)	Blank
05 901-PROJECT-CODE	PIC X(03)	Blank
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	Blank
05 901-FY-FM	PIC 9(04)	Blank
05 901-SALES-CODE	PIC X(03)	Blank
05 901-RID-2	PIC X(03)	Blank
05 901-NEW-FUND-CODE	PIC X(02)	Blank
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Blank
05 901-TRANSACTION-TIME	PIC X(06)	Blank
05 901-JOCAS-NBR	PIC X(12)	Blank
05 901-DBOF-FLAG	PIC X(01)	Blank
05 901-COST-SYS-IND	PIC X(01)	Blank
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	SRD collection flag
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2

05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b>		

1. This field will contain a 'Y' in position 1. The warehouse location will appear in positions 4-14, if one exists. If the item did not have a warehouse location, then the phrase 'NO LOCATION' will appear in positions 4-14.
2. Cost field values, if applicable.

**Table 14.151. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.56. Item Record Load (TTPC 4H; TRIC FIL, WPR, XJE).**

## 14.56.1. Record Description.

**Table 14.152. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Edit Code
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code/Note 1
05 901-SUPP-ADDRESS	PIC X(06)	Reporting SRAN
05 901-RID	PIC X(03)	Organization Code
05 901-DOCUMENT-NBR	PIC X(14)	Note 2
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	AFEMS Request Date
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Blank
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price
05 901-FILLER-4	PIC X(04)	Blank
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	0000
05 901-STATUS-OR-ADVICE-CODE		
10 901-CONTROLLED-ITEM-CODE	PIC X(01)	



10 901-BLANK	PIC X(02)	Blank
05 901-FILLER-1	PIC X(01)	Local ERRCD Flag
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 3
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	4H
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-EXCESS-EXCEPTION-CODE	PIC X(01)	
10 901-BLANK	PIC X(01)	
10 901-REQUISITION-EXCEPTION-CODE	PIC X(01)	
10 901-SHIPMENT-EXCEPTION-CODE	PIC X(01)	
10 901-RELATIONSHIP-CODE	PIC X(01)	
10 901-ISG-NR	PIC X(04)	
10 901-BLANK	PIC X(05)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	Vehicle Registration Number
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank

05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	Blank
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10)	Blank
05 901-MUC	PIC 9(02)	Blank
05 901-MACR-ACTION	PIC X(01)	Blank
05 901-PROJECT-CODE	PIC X(03)	Blank
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	Blank
05 901-SALES-CODE	PIC X(03)	Blank
05 901-RID-2	PIC X(03)	Blank
05 901-NEW-FUND-CODE	PIC X(02)	Negative Reply Indicator
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Blank
05 901-TRANSACTION-TIME	PIC X(06)	Blank
05 901-JOCAS-NBR	PIC X(12)	Blank
05 901-DBOF-FLAG	PIC X(01)	Blank
05 901-COST-SYS-IND	PIC X(01)	Blank
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	Blank
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-FILLER-5	PIC 9(10)	

	USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For WPR inputs, this field contains the fund code.
2. For FIL inputs, this field will contain a Y in position 1, and the first 13 positions of the stock number in positions 2-14.
3. For FIL inputs, this field will contain the second position of the item record application code for NATO items (001-NATO-E3A-FLAG = J).
4. Cost field values, if applicable.

**Table 14.153. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.57. Local Purchase Adjustment (NGV579) (TTPC 1S, 1T, 1U, 1W, 1X, 1Y, 1Z, 2Q, 2R; TRIC LPA, LCC, LPS, 1XR).**

14.57.1. Record Description.

**Table 14.154. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	

05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Due-in priority or Blank
05 901-TEX-CODE	PIC X(01)	Foreign currency identifier code
05 901-DEMAND-CODE	PIC X(01)	Due-in Demand Code or Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Blank or octal 020 (+) in first position
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10)	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-TYPE-CANCELLATION-CODE	PIC X(01)	
10 901-CANCELLATION-JUSTIFICATION-CODE	PIC X(02)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05)	Blank

	USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-BLANK	PIC X(01)	
10 901-EOD	PIC X(03)	
10 901-STATUS-QTY-VARIATION-CODE-OR-BLANK	PIC X(01)	
10 901-TYPE-PROCUREMENT-CODE-OR-BLANK	PIC X(01)	
10 901-PO/CONTRACT-NUMBER	PIC X(05)	
10 901-BPA-NUMBER	PIC X(03)	
05 901-STOCK-NUMBER-REQUESTED		
10 901-DUE-OUT-NUMBER	PIC X(14)	
10 901-BLANK	PIC X(01)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 1
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(07)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	

05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10)	TTPC 1S/1U/1T
05 901-MUC	PIC 9(02)	TTPC 1S/1U/1T
05 901-MACR-ACTION	PIC X(01)	TTPC 1S/1U/1T
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	

05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If the BC is Z, then this field contains the fiscal year. 2. Cost field values, if applicable.		

**Table 14.155. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)



Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.58. Local Purchase Payment, Charge (TPPC 1X, 2S, 9Z; TRIC BKA).**

14.58.1. Record Description.

**Table 14.156. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank

05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS		
10 901-BLANK	PIC X(01)	
10 901-PURCHASE-ORDER-NUMBER	PIC X(05)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 1
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-BLANK	PIC X(08)	

10 901-DO-VOUCHER-NUMBER	PIC X(06)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE		
10 901-BPA-CALL-NBR	PIC X(03)	
10 901-BLANK-1	PIC X(03)	
10 901-MANAGEMENT-NOTICE-CODE	PIC X(12)	
10 901-GRADE-CODE-1ST-POSITION	PIC X(01)	Note 2
10 901-BLANK-2	PIC X(13)	
05 901-CAGE	PIC X(05)	Note 2
05 901-REASON-WHY-CODE	PIC X(01)	Note 3
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 4
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	

05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. For Non Stock Fund (NSF) transactions, use the materiel acquisition control record (MACR) update code (MUC) budget code Z. 2. For transactions with Fund Code 61 and POL Flag G, position 19 of the 901-NOMENCLATURE and the first two positions of the 901-CAGE code will contain the fuel grade code. The last three positions of the 901-CAGE will contain the conversion factor (extracted from the Item Record). 3. For SMAG transactions with TTPC 9Z, this field will contain the alpha ZBL code or the fiscal year for non-SMAG transactions. 4. The first position will contain a W if payment is for a WRM due-in or RNB detail.		

**14.59. Local Purchase Payment, Credit (TTPC 2G, 1Y, 9Z; TRIC BKB, 1BA).**

## 14.59.1. Record Description.

**Table 14.157. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	

05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS		
10 901-BLANK	PIC X(01)	
10 901-PURCHASE-ORDER-NUMBER	PIC X(05)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 1

05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-BLANK	PIC X(08)	
10 901-DO-VOUCHER-NUMBER	PIC X(06)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE		
10 901-BPA-CALL-NBR	PIC X(03)	
10 901-BLANK-1	PIC X(03)	
10 901-MANAGEMENT-NOTICE-CODE	PIC X(12)	
10 901-GRADE-CODE-1ST-POSITION	PIC X(01)	Note 2
10 901-BLANK-2	PIC X(13)	
05 901-CAGE	PIC X(05)	Note 2
05 901-REASON-WHY-CODE	PIC X(01)	Note 3
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 4
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10)	

	USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05)	



	USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For Non Stock Fund (NSF) transactions, use the materiel acquisition control record (MACR) update code (MUC) budget code Z.
2. For transactions with Fund Code 61 and POL Flag G, the last position of 901-NOMENCLATURE and the first two positions of the 901-CAGE code will contain the fuel grade code. The last three positions of the 901-CAGE will contain the conversion factor (extracted from the Item Record).
3. For SMAG transactions with TTPC 9Z, this field will contain the alpha ZBL code or the fiscal year for non-SMAG transactions.

**14.60. Local Purchase Status (TTPC 1X; TRIC EDD).**

## 14.60.1. Record Description.

**Table 14.158. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	BPA call number
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Type procurement code
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Quantity variation code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS		
10 901-BLANK	PIC X(01)	
10 901-PURCHASE-ORDER/CONTRACT-NR	PIC X(05)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Blank PAD O
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	

05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED		
10 901-BLANK	PIC X(09)	
10 901-PURCHASE-ORDER-DATE	PIC X(03)	
10 901-ESTIMATED-DELIVERY-DATE	PIC X(03)	
05 901-NOMENCLATURE	PIC X(32)	Blank
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	

05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-BDOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	

05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

***Section 14BC—Materiel Acquisition Control Record Adjustment (TTPC 8F; TRIC MAC)***

**14.61. Materiel Acquisition Control Record Adjustment (TTPC 8F; TRIC MAC).**

14.61.1. Record Description.

**Table 14.159. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	Constant 00 in positions 1-2
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	

05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Fiscal year or blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 000
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
059 01-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	MACR update/budget line code for NATO
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	

05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Blank
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	

05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07)	



	USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Section 14BD—Materiel Acquisition Control Record Load, Change And Delete (TTPC 8C, 8D, 8E; TRIC ILM)**

#### 14.61.2. Record Description.

**Table 14.160. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Constant 00 in positions 1-2
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Black
05 901-DEMAND-CODE	PIC X(01)	Urgency or funding flag/Note
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank

05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 000
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank/Budget line code for NATO
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Blank
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Fiscal year or blank

05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	

05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> This field is blank if the type transaction phrase code (TTPC) is 8D.		

**Section 14BE—Ammunitions Weight Factors (TTPC 3U; TRIC BDM, BVM)**

14.61.3. Record Description.

**Table 14.161. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	BDM/BVM
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Ammunition transaction code (93)
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR		
10 901-Y-ACTIVITY-CODE	PIC X(01)	Constant Y
10 901-BLANK	PIC X(13)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank

05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10)	Blank
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	3U
05 901-PRINT-FLAG	PIC X(01)	Blank
05 901-BUDGET-CODE	PIC X(01)	Blank
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE		
10 901-SHORT-TON	PIC X(06)	
10 901-DROP-TON	PIC X(06)	
10 901-MEASUREMENT-TON	PIC X(06)	
05 901-CAGE	PIC X(05)	Explosive weight factor
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	

05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-FLAG	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10)	

	USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	



05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Section 14BF—MICAP Notification (TTPC 4Z, 8G, 8H, 8I, 8K; TRIC NOR)**

14.61.4. Record Description.

**Table 14.162. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	MICAP condition code
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	MICAP advice code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS		
10 901-STANDARD-REPORTING-DESIGNATOR	PIC X(03)	
10 901-NEW-STANDARD-REPORTING-DESIGNATOR	PIC X(03)	
05 901-RID	PIC X(03)	Source of supply
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	MICAP action date
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05)	

	USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10)	Zeros
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-BLANK	PIC X(01)	
10 901-MICAP-HOUR-CODE	PIC X(01)	
10 901-MICAP-COMMODITY-CODE	PIC X(01)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	MICAP delete code
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-2-LSP-RPT-ROUTING-IDENTIFIER	PIC X(02)	
10 901-COMMAND-CODE	PIC X(02)	
10 901-WORK-UNIT-CODE	PIC X(02)	
10 901-SERIAL-NUMBER	PIC X(08)	
05 901-STOCK-NUMBER-REQUESTED		
10 901-BLANK	PIC X(01)	
10 901-DUE-OUT-DOCUMENT-NUMBER-OR-BLANK	PIC X(14)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Position 1 organization identification
05 901-DEPLOYED-FLAG	PIC X(01)	

05 901-FILLER-2	PIC X(08)	Positions 2-8 organization identification
05 901-IEX-CODE	PIC X(01)	MICAP Cause Code
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Item Record (101) SRD-COLLECTION-FLAG
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	Item Record (101) CSMS-REPORT- FLAG
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	Item Record (101) AF-RAMPS- REPORT-CODE
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	

05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	MICAP Action Flag
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

***Section 14BG—Obligated Due-Out Direct Charge (TTPC 7Y; TRIC 1PU)***

**14.62. Obligated Due-Out Direct Charge (TTPC 7Y; TRIC 1PU).**

14.62.1. Record Description.

**Table 14.163. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Due-Out UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	PFMR code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of Obligation
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	

05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 330
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	DIFM Status Flag prior to issue
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Due-Out TEX-Code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-BLANK-1	PIC X(01)	
10 901-TYPE-ORG	PIC X(01)	
10 901-BLANK-2	PIC X(04)	
10 901-OBLIGATED-PRIOR-FY-YEAR	PIC X(01)	Note 1
10 901-BLANK-3	PIC X(01)	

05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10)	Note 2

	USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	



05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. This field will contain an octal 20 (+) if the due-out detail has been obligated in a prior fiscal year. 2. Cost field values, if applicable.		

**Table 14.164. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

*Section 14BH—Reverse Post Obligated Due-Out Charge (TTPC GY; TRIC IPU)*

## 14.62.2. Record Description.

**Table 14.165. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Due-Out UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	PFMR code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of Obligation
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 330
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	

05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	DIFM Status Flag prior to TIN
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Due-Out TEX Code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-BLANK-1	PIC X(01)	
10 901-TYPE-ORG	PIC X(01)	
10 901-BLANK-2	PIC X(04)	
10 901-OBLIGATED-PRIOR-FY-YEAR	PIC X(01)	Note 1
10 901-BLANK-3	PIC X(01)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	

05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10)	

	USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. This field will contain an octal 20 (+) if the due-out detail has been obligated in a prior fiscal year. 2. Cost field values, if applicable.		

**Table 14.166. Cost Field Values.**

COST FIELD/BUDGET CODE	REMARKS
MSD-COST-1	All costs are extended (action quantity cost listed)

Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.63. Obligation Of Transaction Exception Code 8 Due-Out By SPR/FRC Input (TTPC 7A; TRIC DUO, FRC).**

14.63.1. Record Description.

**Table 14.167. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC

05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of obligation
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	

05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Type organization code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	



05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> Cost field values, if applicable.		

**Table 14.168. Cost Field Value.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)

Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14BI—Organization Record Add, Change, Or Delete (TTPC 7Z; TRIC FOR/ORG/XJE/XSE)**

**14.64. Organization Record Add, Change, Or Delete (TTPC 7Z; TRIC FOR/ORG/XJE/XSE)**

14.64.1. Record Description.

**Table 14.169. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER		Constant 01
10 901-CONSTANT-01	PIC 9(02)	
10 901-BLANK	PIC X(13)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	Blank
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Edit Code
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Action code: Add (A), change (C), or delete (D)
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Note
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS		
10 901-BLANK	PIC X(02)	
10 901-ORG-CODE	PIC X(03)	
10 901-CONSTANT-9	PIC 9(01)	
05 901-RID	PIC X(03)	FFJ
05 901-DOCUMENT-NBR		
10 901-CONSTANT-Y	PIC X(01)	

10 901-ZEROES	PIC X(10)	
10 901-ORG-CODE	PIC X(03)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10)	Blank
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE		
10 901-MAJCOM-CODE	PIC X(02)	
10 901-BLANK	PIC X(01)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	7Z
05 901-PRINT-FLAG	PIC X(01)	Blank
05 901-BUDGET-CODE	PIC X(01)	Blank
05 901-MARK-FOR		
10 901-EMO-LOCATION-CODE	PIC X(04)	
10 901-MDS	PIC X(07)	
10 901-BLANK	PIC X(03)	
05 901-STOCK-NUMBER-REQUESTED		
10 901-BLANK	PIC X(03)	
10 901-CHG-TO-ORG-ID	PIC X(12)	

05 901-NOMENCLATURE		
10 901-USING-MAJCOM-CODE	PIC X(02)	
10 901-GAINING MAJCOM-CODE	PIC X(02)	
10 901-BLANK	PIC X(01)	
10 901-SUB-CMD-CODE	PIC X(01)	
10 901-BLANK	PIC X(13)	
05 901-CAGE		
10 901-CHG-TO-FAD-CODE	PIC X(01)	
10 901-BLANK	PIC X(04)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	Blank
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	

05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	Negative Reply Indicator
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> If the 901-TRIC is ORG, then the ESP code is in the 901-UNIT-OF-ISSUE field and RC/CC is in the 901-FILLER-2 field.		

**Section 14BJ—Organization Code Shredout (TTPC 7Z; TRIC XTV)**

14.64.2. Record Description.

**Table 14.170. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Constant 01
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	Blank
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Action code: Change (c)

05 901-TRIC	PIC X(03)	XTV
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	Note 1
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Note 2
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Note 2
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-CODE	PIC X(03)	Note 2
05 901-ACTION-QTY	PIC 9(06)	Note 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Note 2
05 901-STATUS-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	7Z
05 901-PRINT-FLAG	PIC X(01)	Blank
05 901-BUDGET-CODE	PIC X(01)	Blank
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	Blank
05 901-CAGE	PIC X(05)	Blank



05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	Blank
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC 9 (01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(02)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	

05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> 1. The document number is structured as follows:		

**Table 14.171. Document Number Structure.**

Constant Y	Position 1
Chg From Org Code	Positions 2-4
Chg From Shop Code/Blank	Positions 5-6
Blank	Positions 7-8
Chg to Org Code	Positions 9-11
Chg to Shop Code/Blank	Positions 12-13
Blank	Position 14
2. This field will contain all zeros.	

**Section 14BK—Organization Cost Center Record Monetary Adjustment (TTPC 9E, 9F, 9G, 9H, 9I, 9J, 9K, 9L, 9M; TRIC ORG)**

**14.65. Organization Cost Center Record Monetary Adjustment (TTPC 9E, 9F, 9G, 9H, 9I, 9J, 9K, 9L, 9M; TRIC ORG).**

14.65.1. Record Description.

**Table 14.172. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Constant 01 in positions 1-2
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Note 1

05 901-ISSUE-PRIORITY	PIC X(02)	Fiscal Year
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	ESP Code
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS		
10 901-ORGANIZATION-CODE	PIC X(03)	
10 901-BLANK	PIC X(03)	
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 000
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	EEIC code
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	Note 2
05 901-PRINT-FLAG	PIC X(01)	

05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Dollar Value (10 positions)
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	

05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Note:**

1. The adjustment action is as follows:

- 1 = Increase cumulative fiscal year (FY) to date
- 2 = Increase current period
- 3 = Increase both cumulative and current periods
- A = Decrease cumulative FY to date
- B = Decrease current period
- C = Decrease both cumulative and current periods

2. The following information applies:

- 9E = Target
- 9G = Net Issues
- 9H = Unfunded Due-Outs
- 9I = Obligated Due-Outs
- 9J = Unobligated Due-Outs
- 9K = Net Nonreimbursable Issues
- 9L = Net Investment Issues
- 9N = Unserviceable Turn-In

**Section 14BL—Overflow Adjunct Record - Load Or Load-And-Transfer To (TTPC 4L; TRIC FFF)**

14.65.2. Record Description.

**Table 14.173. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Basic stock number
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Supply condition code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	Note
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Basic item record ending balance
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Transfer from action quantity
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	



05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-TRANS-TO-ACTION-QTY	PIC X(06)	
10 901-TRANS-TO-SN-ENDING-BALANCE	PIC X(06)	
10 901-BLANK	PIC X(02)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock number loaded
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	

05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-SYSTEM-COST-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	

05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Note:**

The TRIC FFF is internally generated by program control, and the document number is Z004MN(DATE)9999. If the extended cost is not computed, this field contains zeros. If the action quantity X unit price is more than eight positions, then this field contains all nines.

**Section 14BM—Overflow Adjunct Record - Transfer To/From (TTPC 4K; TRIC FFF)**

## 14.65.3. Record Description.

**Table 14.174. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	Transfer from stock number
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Supply condition code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	Note
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Transfer from stock number ending balance
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Transfer from action quantity
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Date of last transaction from

05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-TRANS-TO-ACTION-QTY	PIC X(06)	
10 901-TRANS-TO-SN-ENDING-BALANCE	PIC X(06)	
10 901-BLANK	PIC X(02)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Transfer to stock number
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	

05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	

05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> The TRIC FFF is internally generated by program control, and the document number is Z004MN(DATE)9999. If the action quantity X unit price exceeds eight positions, then the extended cost will contain all nines.		

**Section 14BN— PFMR Adjustment (TTPC 8J , 8Q, 8S, 8T; TRIC PRJ)**

14.65.4. Record Description.

**Table 14.175. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
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05 901-STOCK-NUMBER	PIC X(15)	Constant 01 in positions 1-2
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Note 3
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Note 1
05 901-ISSUE-PRIORITY	PIC X(02)	Fiscal Year
05 901-TEX-CODE	PIC X(01)	Note 4
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	PFMR code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 000
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	EEIC code
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05)	



	USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	Note 2
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Dollar value (10 positions)
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	

05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. The adjustment action is as follows:

- 1 = Increase cumulative FY to date only
- 2 = Increase current period only
- 3 = Increase both cumulative and current periods
- A = Decrease cumulative FY to date only
- B = Decrease current period only
- C = Decrease both cumulative and current periods

2. The following information applies:

- 8J = Unobligated Due-Outs
- 8Q = Obligated Due-Outs
- 8S = Issues/Turn-In
- 8T = Target

3. Blank if no EEIC in PRJ input

XB3 if EEIC = 600  
 XB3 if EEIC = 602  
 XB3 if EEIC = 605  
 XB3 if EEIC = 609  
 XB3 if EEIC = 627  
 XB3 if EEIC = 641  
 XB3 if EEIC = 642  
 XB3 if EEIC = 644  
 XB3 if EEIC = 645  
 XB3 if EEIC = 693  
 NF2 if EEIC = 628  
 NF2 if EEIC = 6X2

4. PRJ adjustment inputs for ISU or TIN/turn-ins transactions with TTPC 8S will populate the 901-tex code with an “I” for Issue or “T” for Turn-in.

**Section 14BO—PFMR Load, Change, Or Delete (TTPC 8M, 8N, 8O; TRIC 1PF)**

14.65.5. Record Description.

**Table 14.176. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Constant 01 in positions 1-2
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Sales code
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Fiscal year
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	

05 901-SUPP-ADDRESS	PIC X(06)	Budget activity or blank
05 901-RID	PIC X(03)	PFMR Code/Note 1
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	OAC/OBAN or blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 000
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank if TTPC is 8N or 8O
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	Note
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	Detail output flag or blank
05 901-MARK-FOR		
10 901-DEBTOR-CODE-OR-BLANK	PIC X(03)	
10 901-BLANK	PIC X(11)	
05 901-STOCK-NUMBER-REQUESTED		
10 901-ADSN	PIC X(06)	
10 901-AF-1080-CONTROLLER-CODE-OR-BLANK	PIC X(01)	

10 901-BLANK	PIC X(08)	
05 901-NOMENCLATURE		
10 901-RESPONSIBILITY-CENTER-ID-OR-BLANK	PIC X(16)	
10 901-BLANK	PIC X(16)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	

05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> The following information applies: a. 8M = Load PFMR b. 8N = Change Indicative Data c. 8O = Delete PFMR		

**Section 14BP—Redistribution Order Denial (TTPC 5U, 5I, 5J; TRIC A2(x), A4(x), FTR, FTC)**

**14.66. Redistribution Order Denial (TTPC 5U, 5I, 5J; TRIC A2(x), A4(x), FTR, FTC).**

14.66.1. Record Description.

**Table 14.177. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Media and status code
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank



05 901-DEMAND-CODE	PIC X(01)	Supply condition code/blank for SSC
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank when not for BC Z
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Zeros
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Zeros
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Zeros
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		Note 1
10 901-SUFFIX-CODE	PIC X(01)	Blank
10 901-STATUS-OR-ADVICE	PIC X(02)	
05 901-FILLER-1	PIC X(01)	Suffix code
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	

05 901-MARK-FOR	PIC X(14)	Input positions 54-67
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Input positions 68-80 (left justified)
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Reason denial code/blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Blank
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	

05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. This transaction history is also created when the status advice code on an FTR requires update of the item record date of last transaction or the releveing flag. 2. Cost field values, if applicable.		

**Table 14.178. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank

MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14BQ—REM Detail Record - Load, Delete, And Change (TPPC 2W, 2X, 2Y; TRIC 1ET, FCI, FET, FIC, XJE, FME)**

14.66.2. Record Description.

**Table 14.179. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		
10 901-ITEM-CODE	PIC X(01)	
10 901-USE-CODE	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	Equipment code
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE		Edit Code
10 901-REM-COMPONENT-FLAG	PIC X(01)	
10 901-BLANK	PIC X(01)	
05 901-SUPP-ADDRESS		
10 901-BASE-OF-PLANNED-USE	PIC X(03)	

10 901-ALTERNATE-STORAGE-LOCATION	PIC X(03)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction from detail record
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Zeros
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Note 1
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	Note 2
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-VEHICLE-REGISTRATION-NBR	PIC X(08)	
10 901-VEHICLE-STATUS-CODE	PIC X(01)	
10 901-VEHICLE-REPLACEMENT-CODE	PIC X(01)	
10 901-BLANK-1	PIC X(04)	Alternative Fuel code
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Authorized stock number

05 901-NOMENCLATURE		
10 901-NOUN	PIC X(28)	
10 901-BLANK-2	PIC X(02)	
10 901-2LSC-CHANGE-FROM-ASC	PIC X(02)	Note 3
05 901-CAGE	PIC X(05)	Note 3/REM Cage
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Detail record Allowance ID/Note 4
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	Blank
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	

05 901-NEW-FUND-CODE	PIC X(02)	Negative Reply Indicator for XJE, else NWRM Indicator
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-SYS-COST-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07)	



	USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. The action quantity will be blank for an FCI input.
2. If a change is made from or to use code A, C, D, or J, L, and M, then the 901-FILLER-1 field will contain the change-from use code. Otherwise, it will be blank.
3. On allowance identification changes, these fields will contain the change from allowance identification.
  - a. If the allowance standard being changed is 158 or 159 or the use code is C or D, the change-from base of planned use will be contained in the 901-2LSC-CHANGE-FROM-ASC field, and the first position of the 901-CAGE field. The composition code will be contained in the last four positions of the 901-CAGE field.
  - b. If the allowance standard being changed is 158 or 159 or the use code is C or D, the change-to base of planned use will be contained in the first three positions of the 901-FILLER-2 field and the change-to composition code will be contained in the last four positions of the 901-FILLER-2 field.
4. The last position of the 901-FILLER-2 field will contain an asterisk (\*) denoting the report AFEMS (C001) bypass flag.

**Section 14BR—Repair Cycle/Item Record Demand Data Update (TTPC 4S; TRIC TRN)**

## 14.66.3. Record Description.

**Table 14.180. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	

05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Action code A
05 901-ISSUE-PRIORITY	PIC X(02)	Balance (current quarter number reparable generations repaired)
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	R
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Net repair cycle days
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Before input
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Cumulative recurring
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	QTY turn around
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit cost
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	SRD/blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	

05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	Due-out cause code
05 901-MARK-FOR		
10 901-DOLD-AFTER-INPUT	PIC 9(04)	
10 901-WUC-BLANK	PIC X(02)	
10 901-BLANK	PIC X(02)	
10 901-CUMULATIVE-RECURRING-DEMAND-CODES-AFTER-INPUT	PIC 9(06)	
05 901-STOCK-NUMBER-REQUESTED		
10 901-CURRENT-PERIOD-NUMBER-DEMAND-CODES-BEFORE-INPUT	PIC 9(01)	
10 901-BLANK	PIC X(01)	
10 901-CURRENT-PERIOD-NUMBER-DEMAND-CODES-AFTER-INPUT	PIC 9(01)	
10 901-BLANK	PIC X(12)	Maintenance priority code (last position)
05 901-NOMENCLATURE	PIC X(32)	Blank/Note 1
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Action taken code
05 901-FILLER-2		First position of item record (RIC)
10 901-BLANK-1	PIC X(01)	
10 901-TYPE-ORGANIZATION-CODE	PIC X(01)	
10 901-ADP-FLAG	PIC X(01)	From the organization record
10 901-BLANK	PIC X(04)	Blank
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	

05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 2

05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 2
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b>		

1. This field contains the input desk number.
2. Cost field values, if applicable.

**Table 14.181. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.67. Repair Cycle Record Code/Balance Load, Change, Or Delete (TTPC 4R, 4S; TRIC FRR).**

14.67.1. Record Description.

**Table 14.182. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	

05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Note 1
05 901-ISSUE-PRIORITY	PIC X(02)	Note 2
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 3
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Blank
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank
05 901-FILLER-4	PIC X(04)	Blank
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank

05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	Note 4
05 901-PRINT-FLAG	PIC X(01)	3
05 901-BUDGET-CODE	PIC X(01)	Blank
05 901-MARK-FOR		
10 901-BLANK	PIC X(04)	
10 901-FIELD-UPDATED	PIC X(10)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	Blank
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	Blank
05 901-FILLER-2	PIC X(07)	Note 5
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	Blank
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	Blank
05 901-MUC	PIC 9(02) USAGE IS COMP	Blank
05 901-MACR-ACTION	PIC X(01)	Blank
05 901-PROJECT-CODE	PIC X(03)	Blank



05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	Blank
05 901-RID-2	PIC X(03)	Blank
05 901-NEW-FUND-CODE	PIC X(02)	Blank
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Blank
05 901-TRANSACTION-TIME	PIC X(06)	Blank
05 901-JOCAS-NBR	PIC X(12)	Blank
05 901-DBOF-FLAG	PIC X(01)	Blank
05 901-COST-SYS-IND	PIC X(01)	Blank
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	Blank
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. This field will contain a 'C' for org code, shop code, or exception repair cycle days updates. For balance changes, this field will contain an 'A', 'S', or 'Z', depending on the action taken.
2. This identifies the repair cycle field updated. The applicable codes are as follows:
  - a. C0 - Current Quarter Number Repairable Generations Condemned
  - b. C1 - 1st Quarter Number Repairable Generations Condemned
  - c. C2 - 2nd Quarter Number Repairable Generations Condemned
  - d. C3 - 3rd Quarter Number Repairable Generations Condemned
  - e. C4 - 4th Quarter Number Repairable Generations Condemned
  - f. C5 - 5th Quarter Number Repairable Generations Condemned
  - g. D0 - Current Quarter Net Repair Cycle Days
  - h. D1 - 1st Quarter Net Repair Cycle Days
  - i. D2 - 2nd Quarter Net Repair Cycle Days
  - j. D3 - 3rd Quarter Net Repair Cycle Days
  - k. D4 - 4th Quarter Net Repair Cycle Days
  - l. D5 - 5th Quarter Net Repair Cycle Days

- m. N0 - Current Quarter Number Repairable Generations Not Repaired (NRTS)
- n. N1 - 1st Quarter Number Repairable Generations Not Repaired (NRTS)
- o. N2 - 2nd Quarter Number Repairable Generations Not Repaired (NRTS)
- p. N3 - 3rd Quarter Number Repairable Generations Not Repaired (NRTS)
- q. N4 - 4th Quarter Number Repairable Generations Not Repaired (NRTS)
- r. N5 - 5th Quarter Number Repairable Generations Not Repaired (NRTS)
- s. R0 - Current Quarter Number Repairable Generations Repaired (RTS)
- t. R1 - 1st Quarter Number Repairable Generations Repaired (RTS)
- u. R2 - 2nd Quarter Number Repairable Generations Repaired (RTS)
- v. R3 - 3rd Quarter Number Repairable Generations Repaired (RTS)
- w. R4 - 4th Quarter Number Repairable Generations Repaired (RTS)
- x. R5 - 5th Quarter Number Repairable Generations Repaired (RTS)
- y. A0 - Number of Units Turned In, All other Numeric Action Codes
- z. A1 - Number of Units Turned In, Action Code 1
- aa. A2 - Number of Units Turned In, Action Code 2
- ab. A3 - Number of Units Turned In, Action Code 3
- ac. A4 - Number of Units Turned In, Action Code 4
- ad. A5 - Number of Units Turned In, Action Code 5
- ae. A6 - Number of Units Turned In, Action Code 6
- af. A7 - Number of Units Turned In, Action Code 7
- ag. AA - Number of Units Turned In, Action Code A
- ah. AB - Number of Units Turned In, Action Code B
- ai. AD - Number of Units Turned In, Action Code D
- aj. AG - Number of Units Turned In, Action Code F, G
- ak. AL - Number of Units Turned In, Action Code J, K, L
- al. AO - Number of Units Turned In, All Other Alpha Action Codes
- am. AZ - Number of Units Turned In, Action Code Z
- an. NC - Current Quarter NRTS/Condemn Days
- ao. 1N - 1st Quarter NRTS/Condemn Days
- ap. 2N - 2nd Quarter NRTS/Condemn Days
- aq. 3N - 3rd Quarter NRTS/Condemn Days
- ar. QD - Current Quarter AWP Days

as. CQ - Current Quarter AWP Occurrences

at. 1D - Average AWP Days Past Quarter

au. OC - Organization Code Designated Base Repair Activity

av. SC - Shop Code Designated Repair Activity

3. This field contains a 'Y' in position 1, a '7' in position 3, and the first 11 positions of the stock number in 4-14.

4. TTPC '4S' is created when adding to quantity fields. All other changes will produce '4R'.

5. This field contains the org code, shop code, or exception repair cycle days if applicable.

#### 14.68. Request Killed (TTPC 30; TRIC ISU, MSI).

##### 14.68.1. Record Description.

**Table 14.183. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	3
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(07)	Blank
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	

05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	

05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> Cost field values, if applicable.		

**Table 14.184. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)

Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14BS—Record Reversal & Correction - DIFM Issue And Due-Out Release (TTPC BM, BN, BO, BP, BU; TRIC RVP (DOR) (ISU) (MSI))**

**14.69. Record reversal & correction - DIFM Issue And Due-Out Release (TTPC BM, BN, BO, BP, BU; TRIC RVP (DOR) (ISU) (MSI)).**

14.69.1. Record Description.

**Table 14.185. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	DIFM flag
05 901-ISSUE-PRIORITY	PIC X(02)	Due-out UJC (DOR)



05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Detail document number (MSI) or Blank

05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock number of item record released (DOR) or Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	

05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> Cost field values, if applicable.		

**Table 14.186. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC

Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14BT—Record Reversal & Correction - DIFM Turn-In (TTPC BM, BN, BO, BP, BU; TRIC RVP (TIN))**

14.69.2. Record Description.

**Table 14.187. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	DIFM flag
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Action taken code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	

05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note

05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> Cost field values, if applicable.		



**Table 14.188. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14BU—Record Reversal & Correction Issue And Due-Out Release To In-Use, MSK, MRSP, WRM, SPRAM, and Supply Point (TTPC AD, AF, AH, AJ, AL, AN, AP, AR, BJ, BL, CH, CK, EB, ED, EF, EH, EJ, EL, FD, FF, FK, FM, FO, FQ, FS, FU,GG, GI; TRIC RVP (ISU) (DOR))**

#### 14.69.3. Record Description.

**Table 14.189. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	

05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Notes 1, 2
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	PFMR Code when applicable
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Note 8
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Notes 3, 4
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 7
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 5
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Notes 3, 4, 6
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	

05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 10
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 9
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. If the type transaction phrase code (TTPC) is AN, then the first position of the issue priority will contain the item code, and the second position will contain the use code for equipment items.
2. If the record reversal & correction (RVP) is AL, then the last position of the issue priority will be the 201-USE-CODE.
3. If the TTPC is CH or CJ, then the 901-MARK-FOR field will contain the special purpose recoverables authorized maintenance (SPRAM) authorized document code. The first position of the 901-FILLER-2 field will contain the type SPRAM flag, and the second position will contain the SPRAM deployment flag.
4. If the TTPC is AL or AN, then the last two positions of the 901-MARK-FOR field will contain the MAJCOM code.
5. For the equipment transaction reporting use code R; otherwise, leave this field blank.
6. If the TTPC is AR, then the first position of the 901-FILLER-2 field will contain the last position of the MAJCOM code from the WRM detail.
7. The 024 serial number will be in the first 12 positions of the nomenclature of TTPC codes AR, BL, ED, EH, FF, and FM transactions.
8. The 901-ENDING-BALANCE will be a combined total of the following:
  - a. For MSK (232), Special Spares (233), HPMSK (234), Non-Airborne-MRSP (237), Weapons-Training-Spares (WTDOS,238), Airborne-MRSP (239) and WRM-IRSP-Spares (240):

(1) The QUANTITY-ON-HAND
(2) The DEPLOYED-QUANTITY
b. For Munitions-WRM (230), Scheme (235), and WCDO (241): Only the quantity-on-hand.
c. For in-use:
(1) The QUANTITY-ON-HAND
(2) The UNSERV-QUANTITY-CALIB
(3) The UNSERV-QUANTITY-MAINT
(4) The DEPLOYED-QUANTITY
9. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
10. Cost field values, if applicable.

**Table 14.190. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank

MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14BV—Record Reversal & Correction - Issues/Due-Out Release (TTPC AA, AB, AK, CP, CQ; TRIC RVP (ISU/DOR/MSI))**

14.69.4. Record Description.

**Table 14.191. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Note 1
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 2
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	PFMR code if funded
05 901-DOCUMENT-NBR	PIC X(14)	Note 3
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	

05 901-ACTION-QTY	PIC 9(06)	Note 4
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Note 5
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Notes 3, 6
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 7
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Notes 8, 9
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	



05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 11
05 901-FILLER-5	PIC 9(10)	Note 10

	USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. This field will either contain blanks or the due-out UJC for type transaction DOR.
2. This field will contain blanks, the item record application code, or the ammunition transaction code.
3. These exceptions apply only to MSI issues from equipment authorization inventory data (EAID) details.

**Table 14.192. MSI Issues from EAID Details.**

<b>RECORD POSITION</b>	<b>TTPC = AA/AK</b>	<b>TTPC = AB</b>
901-DOCUMENT-NBR	Issue to Document Number	EAID Detail Document Number
Last 14 positions	EAID Detail Document Number	Issue to Document Number
901-STOCK-NUMBER-REQUESTED		
<p>4. If input extended cost is unequal to the item record extended cost (input quantity multiplied by the item record unit cost), then this field will contain the input extended cost. Otherwise, this field will contain the item record extended cost.</p> <p>5. The first position contains the supply condition code for unserviceable issue or the authority for issue flag on activity code P, type account code E, serviceable issues.</p> <p>6. This field contains the stock number of the due-out detail for type transaction DOR. For unserviceable issue (TRIC MSI), the first position of this field contains the unserviceable detail status code and the remainder of this field (14 positions) contains the unserviceable detail document number.</p> <p>7. This field will contain either the due-out detail TEX-CODE code for type transaction DOR or a blank.</p> <p>8. If the TTPC code is AK, then the 901-FILLER-2 field will contain the base of planned use and composition code or the allowance source code.</p> <p>9. This position will contain a plus (+) for the reversal of a prior year commitment.</p> <p>10. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).</p> <p>11. Cost field values, if applicable.</p>		

**Table 14.193. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)

Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14BW—Record Reversal & Correction Issue/Shipment From WRM, MSK, MRSP, and Supply Pt (TTPC AC, AE, AG, AI, AM, AO, AQ, BI, BK, EA, EC, EE, EG, EI, EK, FC, FE, FJ, FM, FN, FP, FR, FT, GF, AND GH; TRIC RVP (MSI))**

#### 14.69.5. Record Description.

**Table 14.194. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Note 1
05 901-TEX-CODE	PIC X(01)	

05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application Code/Ammunition Code/or blank
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	PFMR Code when Application
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail Date of last transaction or zeros
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Note 2
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	

05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	

05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. This field is blank or contains the item code in the first position and the use code in the last position.
2. The 901-ENDING-BALANCE will be a combined total of the following Detail Records On-Hand Balances:
  - a. For MSK (232), Special Spares (233), HPMSK (234), Non-Airborne-MRSP (237), Weapons-Training-Spares (WTDOS,238), Airborne-MRSP (239) and WRM-IRSP-Spares (240):
    - (1) The QUANTITY-ON-HAND
    - (2) The DEPLOYED-QUANTITY
  - b. For Munitions-WRM (230), Scheme (235), and WCDO (241): Only the quantity-on-hand.
  - c. For in-use:
    - (1) The QUANTITY-ON-HAND
    - (2) The UNSERV-QUANTITY-CALIB
    - (3) The UNSERV-QUANTITY-MAINT
    - (4) The DEPLOYED-QUANTITY
3. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
4. Cost field values, if applicable.

**Table 14.195. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)



Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14BX—Record Reversal & Correction - Receipt (TTPC AB, 70; TRIC RVP (REC)***

14.69.6. Record Description.

**Table 14.196. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Due-In Demand-Code or receipt not due-in flag (J)
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	

05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Supply condition code, if unserviceable
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Ammunition transaction code, when applicable
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04) USAGE IS COMP	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	Due-in signal code or blank
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	

05 901-PRINT-FLAG	PIC X(01)	Note 1
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 3
05 901-NOMENCLATURE	PIC X(32)	Note 4
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 5
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 6
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	

05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 8
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 7
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For TTPC 7O, this field will contain a 3.
2. For vehicle receipts, the first eight positions of the 901-MARK-FOR field will contain the vehicle registration number. Otherwise, this field is blank.
3. For serviceable receipts, this field contains the due-in detail stock number. For unserviceable receipts, the first position of this field will contain the unserviceable detail status code, and the remainder of the field contains the unserviceable detail document number.
4. For TTPC 7O, this field will contain the serialized reporting serial number.
5. This field contains the fiscal year code for budget code Z items and is blank for all other budget code items.
6. The last position of the 901-FILLER-2 PIC X(08) field will contain the type organization code, when applicable.
7. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
8. Cost field values, if applicable.

**Table 14.197. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)

Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14BY—Record Reversal & Correction - Receipt (TTPC AS, AU; TRIC RVP (REC))**

14.69.7. Record Description.

**Table 14.198. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Due-in type account
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Due-in signal code

05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail DOLT or zeros
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	Due-in special requirements flag
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 1

05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 2
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	



05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	

05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For serviceable receipts, this field contains the stock number of the item received. For unserviceable receipts, the first position contains the unserviceable detail status code, and positions 2-15 contain the unserviceable detail document number.
2. This field contains the fiscal year code for budget code Z items and is blank for all other budget code items.
3. Cost field values, if applicable.

**Table 14.199. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank

MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14BZ—Record Reversal & Correction - Receipt (TTPC AW, AY; TRIC RVP (REC))***

14.69.8. Record Description.

**Table 14.200. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	BNR code or blank
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Foreign currency code or blank
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	

05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-4	PIC 9(10)	Note

	USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> Cost field values, if applicable.		

**Table 14.201. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14CA—Record Reversal & Correction - Receipt (TTPC BT; TRIC RVP (REC)).***

## 14.69.9. Record Description.

**Table 14.202. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	

05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Suffix code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	RNB detail supplementary address
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Over/Short quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	Note 1
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	



05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	

05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If requirement applies to WRM, then, this position contains a W. 2. This field is normally blank; however, if the receipt has been from a local purchase source, the last eight positions in this field contain the purchase order number and the blanket purchase agreement (BPA) call number. 3. Cost field values, if applicable.		

**Table 14.203. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank

Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14CB—Record Reversal & Correction - Shipments (TPC AA, AE, AG, AI, AO, AQ, BH, BI, BK, CA, CS, EA, EC, EE, EG, FC, FE, FN, FP, HB, ID, 7N; TRIC RVP, SHP, TRM, FTR, A2(x), A4(x))**

14.69.10. Record Description.

**Table 14.204. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Shipment exception code
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Supply condition code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 1
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	

05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Note 2
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	SNC detail fund flag or blank
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 4
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 5
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 6
05 901-NOMENCLATURE	PIC X(32)	Note 7
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 8
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	

05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 10

05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 10
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 9
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99	

	USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> <ol style="list-style-type: none"> <li>1. This field is blank or contains the item record application code and, if applicable, the ammunition transaction code.</li> <li>2. This field contains the shipped-not-credited (SNC) detail date of last transaction (DOLT), when applicable.</li> <li>3. This field contains the SNC detail extended cost for the TTPC BH, the computed extended cost for the TTPC BH, and the ID. All other type transaction phrase codes (TTPC) contain the ORIG extended cost from the record reversal &amp; correction input.</li> <li>4. For TTPC 7N, this field will contain a 3.</li> <li>5. Position 1 of the 901-MARK-FOR field contains the signal code for type of transaction SHP/FTx/A2x/A4x. Positions 2-14 contain the vehicle registration number for budget code V items or the ship-to SRAN for equipment.</li> <li>6. For unserviceable shipments, position 1 of the 901-STOCK-NUMBER-REQUESTED field contains the unserviceable detail status code and positions 2-15 contain the unserviceable detail document number. For serviceable shipments, this field is blank.</li> <li>7. For TTPC 7N, this field will contain the serialized reporting serial number.</li> <li>8. This field contains the disposal authority code for type transaction TRM.</li> <li>9. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).</li> <li>10. Cost field values, if applicable.</li> </ol>		

**Table 14.205. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank



MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14CC—Record Reversal & Correction - Detail Turn-In Supply Pt Detail (TTPC AC, AE, AG, AI, AK, AM, AO, AQ, BI, BK, CG, CK; TRIC RVP (TIN))**

14.69.11. Record Description.

**Table 14.206. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		Note 1
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Action taken code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	

05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Notes 3, 4
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	

05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 6

05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 6
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99	

	USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> <ol style="list-style-type: none"> <li>1. If the record reversal &amp; correction (RVP) is an AK or an AM, then the last position of the issue priority is the 201-USE-CODE.</li> <li>2. The first 10 positions of the 901-MARK-FOR field may contain the special purpose recoverables authorized maintenance (SPRAM) authorized document code. Otherwise, this field is blank.</li> <li>3. If the TTPC is CG or CK, then position 6 of the 901-FILLER-2 PIC X(08) field contains type SPRAM flag, and the last position of the 901-FILLER-2 field contains the SPRAM deployment flag. Otherwise, the 901-FILLER-2 PIC X(08) will be blank.</li> <li>4. If the TTPC is AK or AM, the 901-FILLER-2 PIC X(08) field will contain the base of planned use and composition code or the allowance source code.</li> <li>5. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).</li> <li>6. Cost field values, if applicable.</li> </ol>		

**Table 14.207. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC

Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14CD—Record Reversal & Correction - Turn-In (REM DETAIL) (TTPC BW; TRIC RVP (TIN))**

14.69.12. Record Description.

**Table 14.208. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Notes 1, 2
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Zeros
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Zeros
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05)	

	USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Authorized stock number
05 901-NOMENCLATURE	PIC X(32)	Allowance source code (first two positions)
05 901-CAGE	PIC X(05)	Allowance source code (last five positions)
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 3
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	

05 901-SRC-TRN-CODE	PIC X(01)	
05 901- RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10)	Note 4



	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. The last two positions of this field will contain the using MAJCOM code, when applicable, or be blank.
2. This field will contain the alternate storage location, when applicable, or be blank.

3. The 901-FILLER-2 field will contain the base of planned use and composition code or the allowance source code.
4. Cost field values, if applicable.

**Table 14.209. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14CE—Record Reversal & Correction - Turn-In (SUPPLIES/EQUIPMENT) (TTPC AB; TRIC RVP (TIN))***

**14.69.13. Record Description.**

**Table 14.210. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Action taken code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Ammunition transaction code or blank
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Repair cycle days
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	PFMR code
05 901-FILLER-1	PIC X(01)	

05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 1
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901- RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	

05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The first three positions contain repair cycle control data. The next position contains the supply DEMAND code or is blank. The remainder of this field is blank. 2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 3. Cost field values, if applicable.		

**Table 14.211. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank

Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14CF—Record Reversal & Correction Due-Out Release (TTPC BA, BC; TRIC RVP (DOR))***

**14.70. Record reversal & correction Due-Out Release (TTPC BA, BC; TRIC RVP (DOR)).**

14.70.1. Record Description.

**Table 14.212. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Memo due-out flag
05 901-ISSUE-PRIORITY	PIC X(02)	Due-out UJC
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	

05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Project code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Due-out detail date of obligation
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Due-out detail delivery destination
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 1
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock number of item record released
05 901-NOMENCLATURE	PIC X(32)	Note 2



05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Due-out detail force activity designator
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	

05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If the type transaction phrase code (TTPC) is BC, the last two positions of the 901-MARK-FOR field will contain the MAJCOM code. 2. If the item being reversed is an AR or BR UJC due-out and not TEX code E, the SRD will be reflected in positions 14-16 of the 901-NOMENCLATURE field. 3. Cost field values, if applicable.		

**Table 14.213. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)

Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

*Section 14CG—Shipments (TTPC 1A, 1C, 1E, 1G, 1I, 3P, 3S, 7N, FOR A2 (x)/A4(x)/SHP), (1O, 1Q, 2I, 2K, 5A, 5C, 5E, 5G, 5I, 5K, 6C, 6E, 6K, 6L, 6N, 6P FOR SHP; TRIC A2A-A2E, A2I-A25, A4A-A4E, A4I-A45, FTR, SHP)*

#### 14.70.2. Record Description.

**Table 14.214. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Shipment exception code
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Supply condition code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 1
05 901-SUPP-ADDRESS	PIC X(06)	Note 2
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 2
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	2LM/AL Flag
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-BLANK	PIC X(01)	
10 901-STATUS-OR-ADVICE-CODE	PIC X(02)	
05 901-FILLER-1	PIC X(01)	E if quantity shipped on A2(x) is excess
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Input function if transaction is manual
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 3
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
10 901-SIGNAL-CODE	PIC X(01)	Note 2
10 901-MEDIA-AND-STATUS	PIC X(01)	
10 901-SUFFIX-CODE	PIC X(01)	
10 901-LATERAL-REQUISITION-FLAG-N	PIC X(01)	
10 901-MARK-FOR	PIC X(07)	(FTR) ship-to SRAN for equip items
10 901-PROJECT-NBR	PIC X(03)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Notes 4, 5
05 901-NOMENCLATURE	PIC X(32)	Note 6
05 901-CAGE	PIC X(05)	

05 901-REASON-WHY-CODE	PIC X(01)	Blank/Reparable asset location code for CR&R transactions
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Blank/Note 7
10 901-UNSERVICEABLE-STATUS-CODE	PIC X(01)	
10 901-RID-OF-BASE-GENERATING-REPARABLE	PIC X(03)	Note 8
10 901-STD-REPORTING-DESIGNATOR	PIC X(03)	
10 901-BLANK	PIC X(01)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	Note 10
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	

05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 11
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 11
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 9
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. The transaction for ammunition has ammunition transaction code 53 or 63.
2. The following information applies:
  - a. If the signal code is J-M, then the 901-SUPP-ADDRESS contains the contents of positions 4 inputs and is the ship-to consignee.
  - b. If the signal code is A-D, then the first six positions of the 901-DOCUMENT-NBR field contains the consignee. The last three positions of the 901-SUPP-ADDRESS field contains the routing identifier of the storage point to receive the shipment for an FTR.
3. For TTPC 7N, this field will contain a 3.
4. The following information applies:
  - a. If shipment action is taken on the input stock number, then this field is blank.
  - b. If this transaction history record applies to unserviceable supply condition codes, then the first position is blank and the next 14 positions contain the unserviceable detail document number.
  - c. If the input is type stock record account code K, then positions 2-15 contain the disposal authority phrase.
5. If the TTPC is other than 1A or 3S, then the first position is blank and the next 14 positions contain the document number of the detail being shipped (serviceable transactions only).
6. For TTPC 7N, this field will contain the serialized reporting serial number.
7. If the WRM detail is deleted, then the last of the MAJCOM code will be in the first position of the 901-FILLER-2 field.



8. If the routing identifier code is not on the unserviceable detail, then a D is stored in the first position and the next two positions are blank.
9. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
10. Contains the Distribution Code from the A4x transaction.
11. Cost field values, if applicable.

**Table 14.215. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.71. Shipments (TTPC 2H; TRIC FTR/SHP).**

## 14.71.1. Record Description.

**Table 14.216. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Item record SEX
05 901-ISSUE-PRIORITY	PIC X(02)	Input/Priority 13 assigned
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Input supply condition code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank/Note 1
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Input routing identifier code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Detail extended cost
05 901-FILLER-4	PIC X(04)	2LM/AL Flag
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Input advice code

05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Blank/Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 3
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CCDE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	

05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. Transactions for ammunition have the transaction code 53 or 63.
2. The first three positions are blank, and positions 4-6 contain the ship-to (input positions 54-56).
3. Position 1 contains the signal code for TEX-CODE P or Z shipments (SHP), and positions (SRD) for unserviceable TEX-CODE code P or Z SHPs.
4. Cost field values, if applicable.

**Table 14.217. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)

MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14CH—Special Level Add-Change-Delete (TTPC 4C, 4E, 4F; TRIC 1F3, 1IE, XCA, XCH)**

**14.72. Special Level Add-Change-Delete (TTPC 4C, 4E, 4F; TRIC 1F3, 1IE, XCA, XCH).**

14.72.1. Record Description.

**Table 14.218. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	

05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	Transaction identification code
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Note 1
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Approval validation date
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Detail quantity after input
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Input level quantity
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 2
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Print-Punch firm levels will equal 3. Memo levels will equal " ".
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	

05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	Zero
05 901-MUC	PIC 9(02) USAGE IS COMP	Zero
05 901-MACR-ACTION	PIC X(01)	Blank
05 901-PROJECT-CODE	PIC X(03)	Blank
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	



05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	

05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. The input reorder point is stored in the first 5 positions of the supplementary address. 2. Unit price. For TRIC XCH, an input of (0) in position 50 coverts to whole dollars and no cents, unit price must be \$100,000 but less than \$10,000,000.00; two (2) is actual value and unit price of \$99,999.99 or less; six (6) is zero (0) added in position 57 and used only for unit price of \$10,000,000 or more.		

**Section 14CI—Mission Change Special Level Detail (ADD/CHANGE) (TTPC 4D; TRIC 1SD)**

14.72.2. Record Description.

**Table 14.219. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	Transaction identification code
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank

05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Mission support date
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Detail DDR
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	
10 901-MULTIPLIER-000, OR BLANK	PIC 9(03)	Note
10 901-PROGRAM-FACTOR-OF-BLANK	PIC X(03)	Note
05 901 EXTENDED COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(05)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Print-Punch firm levels will equal 3. Memo levels will equal "".
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	

05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	Zero
05 901-MUC	PIC 9(02) USAGE IS COMP	Zero
05 901-MACR-ACTION	PIC X(01)	Blank
05 901-PROJECT-CODE	PIC X(03)	Blank
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	

05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> If the mission change select card has a Y in position 78, then these fields will be blank, except on items with report codes 1, 2, 6, or 7.		

### 14.73. Stock Record Data Change (TTPC 3U; TRIC FCD).

#### 14.73.1. Record Description.

**Table 14.220. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 1
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10)	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-CONTROL-ITEM-CODE	PIC X(01)	
10 901-BLANK	PIC X(02)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Notes 3, 4
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(07)	
05 901-REPORTING-CODE	PIC X(01)	
05 901-IEX	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank

05 901-USERS-INITIALS	PIC X(04)	Blank
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10)	



	USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b>		
1. The activity code Y document number is assigned for FCD transactions, and positions 2-14 are blank.		

2. If an exception control output (ECC) is produced for transaction, then the ECC output is printed in the first eight positions of this field.
3. Data in this field pertain to data in corresponding positions 35-48 of the FCD input card.
  - a. Whenever any of these positions are blank on input, a dash (-) will appear.
  - b. A question mark (?) in any of these positions indicates the input data in these positions were not valid. Analyze the output management/reject notice to determine the cause. All other data will be as entered in the input FCD card.
  - c. An asterisk (\*) in any of the positions indicate the data on the corresponding record position are to be blanked.
4. When a change is made to numerical parts preference code (NPPC), the first four positions contain the phrase NPPC and the last position contains the change-to code.

#### 14.74. Supply Point Detail Record - Load, Change, Or Delete (TTPC 1E, 1F, 4T; TRIC FSP).

##### 14.74.1. Record Description.

**Table 14.221. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07) USAGE IS COMP	DOLT from detail
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Quantity on hand

05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Authorized quantity
05 901-EXTENDED-COST	PIC 9(10)	Unit price
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Part number
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Change from storage locations; change to storage locations
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	

05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORTABLE	PIC X(01)	
05 901-AFRAMS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	

05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**14.75. Transfers To DLADS (TTPC 3A, 7O; TRIC TRM).**

## 14.75.1. Record Description.

**Table 14.222. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Shipment exception code
05 901-ISSUE-PRIORITY	PIC X(02)	Priority 15 assigned
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Supply condition code
05 901-TRIC	PIC X(03)	Note 1
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 2
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank/DLADS decision flag R

05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 3
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
10 901-MAINT-ACTION-TAKEN-CODE	PIC X(01)	
10 901-BLANK	PIC X(02)	
10 901-VEH-REG-NBR-RIW-SER-NBR-BLANK	PIC X(08)	
10 901-BLANK	PIC X(03)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 4
05 901-NOMENCLATURE	PIC X(32)	Note 5
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Disposal/Authority code except CR&R transactions
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
10 901-UNSERV-STATUS-CODE	PIC X(01)	
10 901-ROUTING-IDENTIFYR-OF-BASE-GENERATING-REPARABLE	PIC X(03)	Note 6
10 901-STANDARD-REPORTING-DESIGNATOR	PIC X(03)	
10 901-BLANK	PIC X(01)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	

05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(02)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-4	PIC 9(10)	Note 8



	USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 8
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 7
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. The document identifier code on output DD Forms 1348-1A will contain A5J for national stock number (NSN) items or A5K for non-NSN items instead of TRM.

2. Transactions for ammunition are assigned the following ammunition transaction codes:
  - a. 00 if the item is nonreportable.
  - b. 45 if the item is reportable and in serviceable condition.
  - c. 47 if the item is reportable and in unserviceable condition.
3. For TTPC 7O, this field will contain a 3.
4. The following information applies:
  - a. If the transaction history record is created for unserviceable supply condition codes, then the first position is blank and the next 14 positions contain the unserviceable detail document number.
  - b. If the disposal authority code is 7 or P, then the first position is blank and the next 14 positions contain the contents from positions 65-78 of the serviceable detail document number.
5. For TTPC 7O, this field will contain the serialized reporting serial number.
6. When the routing identifier code is not on the unserviceable detail, a D will be stored in the first position of this field and the rest of the field will be blank.
7. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
8. Cost field values, if applicable.

**Table 14.223. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank

MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.76. Transportation Data Of Shipments (TTPC 5U; TRIC SSC).**

## 14.76.1. Record Description.

**Table 14.224. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Media and status code
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Hold code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date shipped
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Note 1
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	Zeros

05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Zeros
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10)	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Date received
05 901-FILLER-1	PIC X(01)	Suffix code
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Blank/Note 2
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Shipment identification
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Mode of shipment
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank

05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	

05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. Position 1 contains a constant zero (0), and positions 2-4 contain the date shipped (Julian date minus year).
2. This field will contain the CMOS Inchecker Code and Date Inchecked when the CMOS flag is on.

**14.77. TURN-IN (TTPC 1C, 1E, 1G, 1I, 1K, 1M, 1O, 1Q, 2I, 2K, 3G, 3J, 5A, 5C, 5E, 5G, 5I, 5K, 6C, 6E, 6N, 6P, 6R, 6T, 6V, 7F, 7H; TRIC TIN).**

## 14.77.1. Record Description.

**Table 14.225. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Credit code and authority for issue flag
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Action taken code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code/Note 1
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction from detail record
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	

05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank/Note 2
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Note 3
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank/Note 4
05 901-NOMENCLATURE	PIC X(32)	Note 8
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	EMEF code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Notes 5, 6, 7
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02)	



	USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 10
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 10
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 9
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. If the turn-in is for a vehicle, then the registration number is in positions 1-8 of the TTPC 1K/1M transaction history record.
2. If the TTPC is 1K or 1M, this field will contain the PROJECT code when a TEX-CODE X TIN is processed by the 3101 account only.
3. The first 10 positions of the 901-MARK-FOR field will contain the special purpose authorized recoverables maintenance (SPRAM) authorized document code. For the 3101 account, if the TIN was processed with TEX-CODE X, this field will contain the shipping document number from positions 67-80 of the TIN input on TTPC 1K/1M transaction history records.
4. The first position contains the item code and the fourth position contains the use code when an in-use detail is decreased/deleted.
5. If the TTPC code is 1K or 1M, then the 901-FILLER-2 field will contain the base of planned use and composition code or the allowance identification.

6. If TTPC is 1Q, then the first position of the 901-FILLER-2 field will contain the last character of MAJCOM code.
7. The second to the last position of the 901-FILLER-2 field will contain the type SPRAM flag (A, B, D, T, F, S). See AFH 23-123, Vol 1, Ch 3 for an explanation of codes.
8. The first 12 positions will contain the 024-MRSP-IRSP-SERIAL-NUMBER.
9. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
10. Cost field values, if applicable.

**Table 14.226. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.78. Turn-In (TPC 2N, 2P; TRIC TIN).**

## 14.78.1. Record Description.

**Table 14.227. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	DIFM flag code
05 901-ISSUE-PRIORITY		
10 901-CREDIT-CODE	PIC X(01)	
10 901-BLANK	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Action taken code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction from detail record
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10)	

	USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-CURRENT-DIFM-STATUS	PIC X(03)	
10 901-PREVIOUS-DIFM-STATUS	PIC X(03)	
10 901-BLANK	PIC X(05)	
10 901-AWP-DAYS	PIC X(03)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock number turned in (if different from detail stock number)
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	

05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901- RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note

05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> Cost field values, if applicable.		

**Table 14.228. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.79. Turn-In (TPPC 2M, 2O, 2U; TRIC TIN).**

## 14.79.1. Record Description.

**Table 14.229. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03	



05 901-STOCKAGE-PRIORITY	PIC X(01)	DIFM status flag/Note 1
05 901-ISSUE-PRIORITY		
10 901-CREDIT-CODE	PIC X(01)	
10 901-DEMAND-CODE	PIC X(01)	From DIFM DETAIL
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Action Taken Code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS		
10 901-ISSUE/DUE-OUT-RELEASE-DATE	PIC X(05)	
10 901-BLANK	PIC X(01)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction (from detail record)
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4		
10 LVL OF MAINTENANCE IND	PIC X(01)	
10 AVERAGE NET REPAIR DAYS	PIC X(03)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Note 2

05 901-FILLER-1	PIC X(01)	Note 3
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-CURRENT-DIFM-STATUS	PIC X(03)	
10 901-PREVIOUS-DIFM-STATUS	PIC X(03)	
10 901-BEFORE-REPAIR-DELAYED-DAYS	PIC X(03)	
10 901-BLANK	PIC X(02)	
10 901-AWP-DAYS	PIC X(03)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock number turned-in (if different from detail stock number)
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE		Note 4
10 901-BLANK-1	PIC X(01)	
10 901-RELATIONSHIP-CODE-ISSUE	PIC X(01)	
10 901-RELATIONSHIP-CODE-TURN-IN	PIC X(01)	
10 901-BLANK-2	PIC X(02)	
05 901-REASON-WHY-CODE	PIC X(01)	Supply condition code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 5
05 901-IEX-CODE	PIC X(01)	ITEM RECORD/Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	

05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901- RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 6

05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 6
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b>		

1. If the type transaction phrase code (TTPC) is 2U, this position contains the change-to DIFM status flag.
2. The last position of this field contains the change-from DIFM status flag.
3. This position contains interchangeability code I, when applicable.
4. Positions 2 and 3 will contain the issued/turn-in item relationship code.
5. Delayed maintenance days-2 (after repair) are in positions 1-3 and delayed-other days (MWI days) are positions 4-6.
6. Cost field values, if applicable.

**Table 14.230. Cost Field Value.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.80. Turn-In Equipment (TTPC 1B,7L, 7N; TRIC TIN).**

## 14.80.1. Record Description.

**Table 14.231. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		
10 901-CREDIT-CODE	PIC X(01)	
10 901-AUTH-FOR-ISSUE-FLAG	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Action taken code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 1
05 901-SUPP-ADDRESS	PIC X(06)	Supplementary data
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last adjustment
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	

05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Project code
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 2
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED		
10 901-BLANK	PIC X(01)	
10 901-UNSERV-DETAIL-DOCUMENT-NBR-OR-BLANK	PIC X(14)	
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Supply condition code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-UNSERV-STATUS-CODE	PIC X(01)	
10 901-TYPE-ORGANIZATION	PIC X(01)	
10 901-BLANK	PIC X(01)	
10 901-BLANK	PIC X(01)	Note 4
10 901-BLANK	PIC X(03)	
10 901-BLANK	PIC X(01)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank

05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901- RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-3	PIC 9(10)	Note 6



	USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 6
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. The following information applies:
  - a. For receipts of ammunition Air Force munitions accounts (AFK) items, the following applies:
    - (1) If the item record contains ammunition reportability code R, this field contains the ammunition transaction code.
    - (2) If the item record contains ammunition reportability code N, then this field is blank.
  - b. For receipts of other than AFK items, this field contains the item record application code.
2. If the TTPC is 7L or 7N, this field will contain a 3.
3. If the TTPC is 7L or 7N, this field will contain the serialized reporting serial number.
4. If the input activity code is P, the ERRCD code is ND/NF and the unit cost is greater than \$39.99, then this position contains a numeric 1.
5. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
6. Cost field values, if applicable.

**Table 14.232. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank

Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.81. Turn-In Supplies (TTPC 1B, 7L, 7N; TRIC TIN).**

## 14.81.1. Record Description.

**Table 14.233. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		
10 901-CREDIT-CODE	PIC X(01)	
10 901-INTERCHANGEABILITY-CODE-I	PIC X(01)	When applicable
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Action taken code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 1
05 901-SUPP-ADDRESS	PIC X(06)	Supplementary data
05 901-RID	PIC X(03)	Net repair cycle days/Note 2
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last adjustment
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	

05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4		
10 LVL MAINTENANCE INDICATOR	PIC X(01)	
10 BLANK	PIC X(03)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Project code
05 901-FILLER-1	PIC X(01)	DIFM Status Flag Prior to TIN
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 3
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-EQUIP-MODIFICATION-FLAG	PIC X(01)	
10 901-RID	PIC X(02)	Last two positions of the routing identifier from DIFM DETAIL
10 901-REPAIR-CYCLE-CONTROL-DATA	PIC X(03)	AWP Days
10 901-DEMAND-CODE	PIC X(01)	
10 901-STANDARD-DESIGNATOR	PIC X(03)	
10 901-WORK-UNIT-CODE	PIC X(02)	
10 901-MAJOR-COMMAND-CODE	PIC X(02)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
10 901-DISPOSITION-REQUIRED-CODE	PIC X(01)	

10 901-UNSERV-DETAIL-DOCUMENT-NBR-OR-BLANK	PIC X(14)	
05 901-NOMENCLATURE	PIC X(32)	Note 4
05 901-CAGE	PIC X(05)	Notes 5, 6
05 901-REASON-WHY-CODE	PIC X(01)	Supply condition code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-UNSERV-STATUS-CODE	PIC X(01)	
10 901-TYPE-ORGANIZATION-CODE	PIC X(01)	
10 901-BLANK	PIC X(01)	
10 901-GELOC-OR-BLANK	PIC X(04)	Note 6
10 901-BLANK	PIC X(01)	
05 901-IEX-CODE	PIC X(01)	FROM ITM RCD/Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	SRD COLLECTION FLAG/Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901- RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	

05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	ITEM RCD RID
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 8
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 8
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 9
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For receipts of ammunition Air Force munitions account (AFK) items, this field contains the ammunition transaction code. For receipts other than AFK items, this field contains the item record application code.
2. The data in this field reflect the average net repair cycle days for each unit turned in. 3. If the TTPC is 7L or 7N, this field will contain a 3.
4. If the TTPC is 7L or 7N, this field will contain the serialized reporting serial number.
5. The first position of this field is blank; the second position contains the relationship code of the item issued; the third position contains the relationship code of the item turned in; the fourth position contains a flag C when current or first previous DIFM status is CTR; and the last position is blank.
6. The following information applies:
  - a. If the turn-in is from type organization code A, then the first two positions of this field are blank and the next five positions contain the facility number.
  - b. If the turn-in is from a type organization code B, then the first three positions of this field are blank and the next four positions contain the job order number.
  - c. If the turn-in is for other type organization codes, then these fields contain SRD, work unit code (WUC), and command code.
7. For type organization code B turn-ins, this field will contain the control installation code.

8. Cost field values, if applicable.

**Table 14.234. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
<b>9.</b> The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).	

**14.82. Turn-In, REMS Detail Record (TTPC 2W; TRIC TIN).**

14.82.1. Record Description.

**Table 14.235. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	



05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		
10 901-ITEM-CODE	PIC X(01)	
10 901-USE-CODE	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	Equipment code
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE		
10 901-REM-COMPONENT-FLAG	PIC X(01)	
10 901-MAJCOM-CODE (LSP)	PIC X(01)	
05 901-SUPP-ADDRESS		
10 901-BASE-OF-PLANNED-USE	PIC X(03)	Note 1
10 901-ALTERNATE-STORAGE-LOCATION	PIC X(03)	Note 2
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction from detail record
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Federal Manufacturer's Code
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price

05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-REM-VEHICLE-STATUS-CODE	PIC X(01)	
10 901-REM-VEHICLE-REPLACEMENT-CODE	PIC X(01)	
10 901-BLANK	PIC X(01)	
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-VEHICLE-REGISTRATION-NBR	PIC X(08)	
10 901-TIN-VEHICLE-STATUS-CODE	PIC X(01)	
10 901-TIN-VEHICLE-REPLACEMENT-CODE	PIC X(01)	
10 901-BLANK	PIC X(01)	
10 901-WARRANTY-DATE	PIC X(03)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Authorized stock number
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2		
10 901-USING-COMMAND-CODE	PIC X(02)	Note 3
10 901-BLANK	PIC X(05)	Note 3
10 901-BLANK	PIC X(01)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	

05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901- RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-2	PIC 9(10)	Note 4

	USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	

05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> <ol style="list-style-type: none"> <li>1. This field will contain the using MAJCOM code, when applicable, or it will be blank.</li> <li>2. This field will contain the alternate storage location, when applicable, or it will be blank.</li> <li>3. If the TTPIC code is 2W, the 901-FILLER-2 field will contain the base of planned use and composition code or the allowance source code.</li> <li>4. Cost field values, if applicable.</li> </ol>		

**Table 14.236. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

*Section 14CJ—Unit Of Issue/Unit Price Change (TTPC 4A; TRIC FCU, LPA, LPS, REC, 1XR, MSD, MVC)*

**14.83. Unit Of Issue/Unit Price Change (TTPC 4A; TRIC FCU, LPA, LPS, REC, 1XR, MSD, MVC).**

14.83.1. Record Description.

**Table 14.237. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	BS if bench stock item
05 901-TEX-CODE	PIC X(01)	M multiply flag
05 901-DEMAND-CODE	PIC X(01)	Record code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Note 1
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Note 2
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Record balance after change
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Record balance before change
05 901-EXTENDED-COST	PIC 9(10)	Net cost increase/decrease

	USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	Increase (I), Decrease (D)
05 901-OUTPUT-TERMINAL	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank/Note 3
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Notes 4, 5
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 6
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	Note 10
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	

05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 9
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 9
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 9
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 9
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 9
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	



05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. The last four positions of this field will contain the date of last obligation from the due-out detail.
2. Transaction histories which have a type DEMAND-CODE of M or E and an activity code of Z will contain the Julian date from the applicable detail record (positions 7-10 of the document number field).
3. If the Non Stock Fund (NSF) materiel acquisition record adjustment (MACR) (BC Z) is updated or a MACR is processed, then this field will contain the MACR update. Otherwise, this field will be blank.
4. The vehicle registration number occurs in these positions when the type detail code is V.
5. The eight-character conversion factor should have a decimal placed after the fourth digit. Quantities are adjusted by using the conversion factor as a multiplier. The result is half adjusted adding .5000 to it

and dropping the digits to the right of the decimal in the final sum. For example, if the unit of issue is changed from EA (each) to DZ (dozen), use the following computation:

144 (quantity to be converted)

Multiply by 0000.0833 (conversion factor)

.0432

.432

11.52

11.99522 (result)

Add to half adjust .5000

12.4952 (final sum)

Drop characters after decimal (12 converted quantity)

6. If the materiel acquisition control record (MACR) has been adjusted, this field will contain the net change. This net change applies only to the net value changes affecting due-in details.

a. If the input is for a price change, this net change will be contained in the item record transaction history (DEMAND code A).

b. If the input is for both unit of issue and price changes, the net change will be contained in a due-in detail transaction history. Due-in detail transaction histories are written only when the input is for both unit of issue and price changes.

7. Reason why code J is assigned to indicate data changes on the SNUD stocklist. If there are no SNUD changes, this field will be blank.

8. If the input is for unit price changes (budget code 9), only a net price increase will be computed for the affected stock value. The following formula is used:

Current Processing Date - DOFD = Divisor (round smaller values to 180)

Current Recurring DEMAND= Dividend

Divisor into Dividend = QTN (DDR) (Decimal alignment is maintained and the first three positions from decimal placement are used at the DDR.)

QTN (DDR) X 365 = Annual Result.

Annual Result X Dollar Value Only - Old Price = Result A

Annual Result X Dollar Value Only - New Price = Result B

Result B - Result A = Net Price Increase - Annual. (If net price increase is negative, the positions of the type A DEMAND-CODE code transaction history will contain zeros. If the net price increase is positive, these positions will contain the computed dollar value.

9. Cost field values, if applicable.
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**Table 14.238. Cost Field Values.**

COST FIELD/BUDGET CODE	REMARKS
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank
10. When the ERRCD is equal to ND(x) or NF(x), this field will contain an ACQUISITION ADVICE CODE of F, I, L, T, V, X, or Y.	

**Section 14CK—Update Monetary Records (TTPC 4M; TRIC BSS)**

## 14.83.2. Record Description.

**Table 14.239. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
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05 901-STOCK-NUMBER		
10 901-FSG	PIC 9(02)	
10 901-00	PIC 9(02)	
10 901-BLANK	PIC X(02)	
10 901-CE FACILITY NBR	PIC X(05)	
10 901-CE INSTALLATION CODE	PIC X(04)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	Work order number
05 901-RID	PIC X(03)	PFMR code
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10)	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank

05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		Note
10 901-PURCHASERS-NAME-ID	PIC X(12)	
10 901-MAJOR-COMMAND-CODE	PIC X(02)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	FSG (bulk issue)
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2		
10 901-BLANK	PIC X(01)	
10 901-TYPE-ORGANIZATION CODE	PIC X(01)	
10 901-BLANK	PIC X(05)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	

05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	

05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	`
<b>Note:</b> The last two positions of the 901-MARK-FOR field will contain the MAJCOM code. Positions 1-12 will contain the purchaser's name or other identifying data.		

**14.84. Voluntary Price Reduction By Vendor, Local Purchase Cash Discount, And Local Purchase Transportation And Stock Fund Materiel Repair Cost (TPPC 9Z; TRIC 1BC, 1BD, 1BE, 1BF, 1BG, 1BH, 1BJ, AND 1BT).**

14.84.1. Record Description.

**Table 14.240. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
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05 901-STOCK-NUMBER	PIC X(15)	Note 1
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Note 2
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS		
10 901-BLANK	PIC X(01)	
10 901-PURCHASE-ORDER-NUMBER	PIC X(05)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Note 3
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Note 4
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank



05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Blank
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Note 5
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-BLANK	PIC X(08)	
10 901-DO-VOUCHER-NUMBER	PIC X(06)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 6
05 901-CAGE	PIC X(05)	Note 6
05 901-REASON-WHY-CODE	PIC X(01)	Note 7
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE-	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(03)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLAR	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02)	

	USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. Inputs 1BC and 1BD with FC 61 and the petroleum, oil, and lubricants (POL) flag G contain the stock number from the input. For all other inputs, the first two positions contain constant 00, and the rest of the field is blank.
2. If input TRIC is 1BT, then the unit of issue is constant EA. Otherwise, this field is blank.
3. If the input TRIC is 1BT, then the action quantity is constant 000001.
4. Inputs 1BC and 1BD with FC 61 and POL flag G contain the date of last transaction from applicable item record. All other inputs are blank.
5. For NSF transactions use the materiel acquisition control record (MACR) update code (MUC) budget code Z.
6. These two fields are formatted as follows:

First six positions = Blank

Next 12 positions = Management Notice Phrase Codes (four positions each), when

applicable

Next three positions = Fuel Grade Code (from item record)

Next three positions = Conversion Factor (from item record)

The last six positions above apply to 1BC and 1BD inputs with FC 61 POL flag G.

7. For SMAG transactions, use the alpha ZBL code.

#### 14.85. Warehouse Location Change (TTPC 6I; TRIC FCS).

##### 14.85.1. Record Description.

**Table 14.241. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	Transaction identification code
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RIDYEAR	PIC X(03)	
05 901-DOCUMENT-NBR		
10 901-ACTIVITY-CODE	PIC X(01)	Constant Y
10 901-BLANK	PIC X(02)	
10 901-NEW-WAREHOUSE-LOCATION	PIC X(11)	Blank on warehouse location deletes
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Serviceable balance

05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10)	Unit price
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(01)	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-OLD-WAREHOUSE-LOCATION	PIC X(11)	Or the word REPLACEMENT
10 901-BLANK	PIC X(03)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	DLA STORAGE FLAG
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	

05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-FLAG	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	

05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**14.86. Wash-Post (TTPC 1V; TRIC WPR).**

## 14.86.1. Record Description.

**Table 14.242. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RIDYEAR	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-SIGNAL-CODE	PIC X(01)	



10 901-URGENCY-JUSTIFICATION-CODE	PIC X(02)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(01)	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED		
10 901-DUE-OUT DOCUMENT NUMBER	PIC X(14)	
10 901-BLANK	PIC X(01)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02)	

	USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**14.87. WRM Spares Detail Record - Load, Change, And Delete (TPPC 1Q, 1R, 4U; TRIC XVE, FWS).**

14.87.1. Record Description.

**Table 14.243. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Using MAJCOM code
05 901-TEX-CODE	PIC X(01)	

05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	Transaction identification code
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 1
05 901-SUPP-ADDRESS		
10 901-BLANK	PIC X(02)	
10 901-DOLI	PIC X(04)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction from detail record
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Authorized quantity
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE		
10 901-TYPE-STOCK-RECORD-ACCOUNT-CODE	PIC X(01)	
10 901-NUMBER-OF-AIRCRAFT-SUPPORTED	PIC 9(02)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	

05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		Quantity per application/Storage location system application/MAJCOM code
10 901-SERIAL-NUMBER-OF-SPARES- AUTHORIZATION	PIC X(04)	
10 901-BLANK	PIC X(10)	
05 901-STOCK-NUMBER-REQUESTED		Work unit code/Authorization sequence number maintenance repair concept
10 901-ITEM-CODE	PIC X(01)	
10 901-WRM-WAREHOUSE-LOCATION	PIC X(05)	
10 901-SUPPORTABILITY-CODE	PIC X(01)	
10 901-BLANK	PIC X(02)	
10 901-MISSION-DESIGN-SERIES	PIC X(06)	
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-IEX-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	

05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10)	

	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. If the type stock record account code is B, this field contains the item record application code. If the type stock record account code is K, this field contains the ammunition transaction code.
2. When a substitute is changed to a prime, this field contains the stock number of the old prime (change-from) stock number.

*Section 14CL—MRSP/MSK - Load, Change, Or Delete (TTPC 5A, 5C, 5G, 1I, 1Q, 2K, 6E, 6L, 7Q (NOTE 3) TRIC 1WD)*

**14.88. MRSP/MSK - Load, Change, Or Delete (TTPC 5A, 5C, 5G, 1I, 1Q, 2K, 6E, 6L, 7Q (NOTE 3); TRIC 1WD).**

14.88.1. Record Description.

**Table 14.244. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		
10 901-ITEM-CODE	PIC X(01)	
10 901-PRINT-CODE-DEPLOYED-FLAG	PIC X(01)	
05 901-TEX-CODE	PIC X(01)	Type WRM spares
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Number of aircraft supported
05 901-SUPP-ADDRESS		
10 901-BLANK	PIC X(01)	
10 901-LOCATION-CODE/GAINING-SRAN	PIC X(05)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction from detail record
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Ending authorized quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	



05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Maintenance repair concept
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 1
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		Percent of application/blank quantity per application
10 901-MISSION-DESIGN-SERIES	PIC X(07)	
10 901-BLANK	PIC X(01)	
10 901-SUBSYSTEM-IDENT-CODE	PIC X(01)	
10 901-ISSL-SERIAL-NUMBER	PIC X(03)	
10 901-NOTE-CODE	PIC X(01)	
10 901-SUPPORTABILITY-CODE	PIC X(01)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	System application (last three positions)

05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901 TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10)	Note 4

	USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. For TTPC 7Q, this field will contain a 3. 2. When a substitute is changed to a prime, this field contains the statement AUTH WAS followed by the change-from stock number. For TTPC 7Q, this field will contain the serialized reporting serial number. 3. This format applies when the TTPC is 1I or 2K, and a prime detail is deleted by 1KT processing. 4. Cost field values, if applicable.		

**Table 14.245. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)

Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14CM—MRSP Single Item Deployment (TTPC 5D/5E; TRIC FKD)**

14.88.2. Record Description.

**Table 14.246. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Item code D/blank
05 901-TEX-CODE	PIC X(01)	Spares code
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	FKD
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	DOLI from detail
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Authorized quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	

05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	5D/5E
05 901-PRINT-FLAG	PIC X(01)	Blank
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
10 901-WUC	PIC X(05)	Work unit code
10 901-BLANK-1	PIC X(01)	Blank
10 901-NMC-PMC	PIC X(03)	NMC/PMC
10 901-QPA	PIC X(03)	Quantity per application
10 901-BLANK-2	PIC X(02)	Blank
05 901-STOCK-NUMBER-REQUESTED		Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	Blank
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	

05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10)	

	USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

***Section 14CN—Spares Group Deployment (TTPC 6V; TRIC XTW)***

14.88.3. Record Description.



**Table 14.247. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	Constant 01
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	Blank
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Note 1
05 901-TEX-CODE	PIC X(01)	Constant A
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	XTW
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NBR	PIC X(14)	Note 2
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Note 3
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Note 3
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Note 3
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Note 3
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	

05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	6V
05 901-PRINT-FLAG	PIC X(01)	Blank
05 901-BUDGET-CODE	PIC X(01)	Blank
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 4
05 901-NOMENCLATURE	PIC X(32)	Note 5
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	Note 6
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	

05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. This field contains the deployment flag or is blank.
2. The document number is structured as follows:

MSC = Constant Y

Positions 2-4 = Deployed Organization Code

Positions 5-6 = Deployed Shop Code/Blank

Positions 7-14 = Blank

3. This field contains all zeros.
4. This field contains the unit type code (UTC) and SRD. Put the increment code/number (IC/N) in this field if the report selection includes the IC/N.
5. This field contains MRSP/IRSP serial number (024).
6. This field contains A (add) or D (delete).

**14.89. MRSP/MSK Receipt Of Deployment (TTPC 5D, 5I; TRIC FMK).**

## 14.89.1. Record Description.

**Table 14.248. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Receipt not due-in flag
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Type WRM spares
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Note 1
05 901-SUPP-ADDRESS	PIC X(06)	Losing SRAN
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Signal code M

05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED		
10 901-BLANK	PIC X(01)	
10 901-DETAIL-DOC-NBR	PIC X(14)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	

05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(03)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 3
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 2
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. If the item record is a reportable K account item, then this field contains the ammunition transaction code for receipts of deployment. Otherwise, the field is blank. 2. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 3. Cost field values, if applicable.		

**Table 14.249. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank



Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14CO—MRSP/MSK Transfers (TTPC 5E, 5J; TRIC FKD)**

**14.90. MRSP/MSK Transfers (TTPC 5E, 5J; TRIC FKD).**

14.90.1. Record Description.

**Table 14.250. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Shipment exception code
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Type WRM spares
05 901-DEMAND-CODE	PIC X(01)	Supply condition code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	

05 901-FUND-CODE	PIC X(02)	Number of aircraft supported
05 901-SUPP-ADDRESS	PIC X(06)	Gaining SRAN
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-SIGNAL-CODE	PIC X(01)	
10 901-MEDIA-&-STATUS-CODE	PIC X(01)	
10 901-BLANK	PIC X(12)	
05 901-STOCK-NUMBER-REQUESTED		

10 901-DETAIL-DOC-NBR	PIC X(14)	
10 901-BLANK	PIC X(01)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	

05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-CODE	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	

05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

*Section 14CP—WRM Transfer Between MRSP/MSK (Additions) (TTPC 1H, 1J, 1P, 1R, 2J, 2L, 5B, 5D, 5F, 5H, 5J, 5L, 6D, 6F, 6K, 6O, 6S, 6U, 7P; TRIC 1KT)*

14.90.2. Record Description.

**Table 14.251. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Input S/N (Losing)
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Gaining detail
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last demand

05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Detail ending on-hand quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	Note 1
05 901-PRINT-FLAG	PIC X(01)	Note 2
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Losing detail document number
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock number of gaining prime
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	

05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	

05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99	



	USAGE IS COMP	
<b>Notes:</b> 1. The gaining detail document will produce a document control image (DCR). 2. If the TTPC is 7P, this field will contain a 3. 3. If the TTPC is 7P, this field will contain the serialized reporting serial number.		

**14.91. WRM Transfer Between MRSP/MSK (LOSSES) (TTPC 1G, 1I, 1P, 1R, 2I, 2J, 2K, 2L, 5B, 5D, 5F, 5H, 5J, 6C, 6E, 6N, 6P, 6R, 6T, 7Q; TRIC 1KT).**

14.91.1. Record Description.

**Table 14.252. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Input S/N (Gaining)
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	Constant 1KT
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Losing detail
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Detail date of last transaction
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Detail ending on-hand quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	Note 1
05 901-PRINT-FLAG	PIC X(01)	Note 2
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Gaining detail document number
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Stock number of gaining prime
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	

05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	

05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Note:**

1. The gaining detail document will produce a document control image (DCR).
2. If the TTPC is 7Q, this field will contain a 3.
3. If the TTPC is 7Q, this field will contain the serialized reporting serial number.

**SECTION 14CQ—MRSP/IRSP Identification Record (TPPC 3I TRIC 1EB)****14.92. MRSP/IRSP Identification Record (TPPC 3I; TRIC 1EB).**

## 14.92.1. Record Description.

**Table 14.253. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	Note 1
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	Change-from organization code
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Type WRM code
05 901-ISSUE-PRIORITY	PIC X(02)	ANG/AFRES command code
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Action code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	Blank
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Note 2
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Blank
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Blank
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank

05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Julian date
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Note 6
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Blank
05 901-BUDGET-CODE	PIC X(01)	Blank
05 901-MARK-FOR	PIC X(14)	Note 3
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 4
05 901-NOMENCLATURE	PIC X(32)	Organization title
05 901-CAGE	PIC X(05)	PRIORITY
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	Note 5
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	

05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Note:**

1. This field will contain the Mobility Readiness Spares Package/In-Place Readiness Spares Package (MRSP/IRSP) serial number in positions 1-12 and the organization code in positions 13-15.
2. This field will contain the IRSP shop code (supportable) in positions 1-2, the IRSP shop code (unsupportable) in positions 3-4, and the IRSP shop code (unsupportable) in positions 5-6.
3. This field will either contain blanks or the first four positions of the geographical location code.
4. This field will contain the losing detail ORG/SHOP in positions 1-5 on NGV471 transfer or either blanks.
5. This field will contain the gaining detail ORG/SHOP in positions 1-5 on NGV471 transfer or either blanks.
6. This field will contain the Contingency Project Flag.



**Section 14CR—IRSP - LOAD, Change, Delete Or Receipt (TTPC 1P, 1R, 1Q, 6V; TRIC ILK)**

14.92.2. Record Description.

**Table 14.254. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Type Spares code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 1
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Note 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	

05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Type SRAN
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02)	

	USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> 1. When a receipt is processed, this field contains the shipping document. 2. When a receipt is processed, this field contains the shipped quantity; otherwise, this field contains the authorized quantity. 3. When a receipt is processed, this field contains the detail document number. When a delete is processed, this field contains the 024-CALC-KEY. 4. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC). 5. Cost field values, if applicable.		

**Table 14.255. Cost Field Values.**

COST FIELD/BUDGET CODE	REMARKS
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)

Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14CS—WCDO - Load, Change, Or Delete (TTPC 6P, 6Q, 6V, 7H, 7I; TRIC 1CK).**

#### 14.92.3. Record Description.

**Table 14.256. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	

05 901-DEMAND-CODE	PIC X(01)	Type Spares Code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application Code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Type SRAN
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	

05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	

05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99	



	USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Section 14CT—Munitions WRM Spares - Load, Change, Or Delete (TTPC 6V, 7H, 7I; TRIC XVE)**

14.92.4. Record Description.

**Table 14.257. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Type Spares code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	98
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(05) USAGE IS COMP	

05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Detail Quantity
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	

05 901RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	

05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Section 14CU—AMRSP - Load, Change, Delete Or Receipt (TTPC 2J, 2K, 2L, 6V; TRIC 1UB)**

14.92.5. Record Description.

**Table 14.258. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
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05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Type Spares code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 1
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Note 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Type SRAN
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	

05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	

05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. When a receipt is processed, this field contains the shipping document.
2. When a receipt is processed, this field contains the shipped quantity; otherwise, this field contains the authorized quantity.
3. When a receipt is processed, this field contains the detail document number. When a delete is processed, this field contains the 024-CALC-KEY.
4. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
5. Cost field values, if applicable.

**Table 14.259. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank



Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14CV—HPMSK - Load, Change, Delete Or Receipt (TTPC 5F, 5G, 5H, 6V; TRIC IHM)***

14.92.6. Record Description.

**Table 14.260. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Type Spares code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	

05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 1
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Note 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Type SRAN
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	

05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10)	Note 5

	USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> <ol style="list-style-type: none"> <li>1. When a receipt is processed, this field contains the shipping document.</li> <li>2. When a receipt is processed, this field contains the shipped quantity; otherwise, this field contains the authorized quantity.</li> <li>3. When a receipt is processed, this field contains the detail document number. When a delete is processed, this field contains the 024-CALC-KEY.</li> <li>4. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).</li> <li>5. Cost field values, if applicable.</li> </ol>		

**Table 14.261. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank

MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14CW—MSK - Load, Change, Delete Or Receipt (TTPC 1G,1H, 1I, 1J, 6V; TRIC 1MK).**

14.92.7. Record Description.

**Table 14.262. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Type Spares code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	98
05 901-SUPP-ADDRESS	PIC X(06)	Note 3
05 901-RIDYEAR	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 1
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	

05 901-ACTION-QTY	PIC 9(06)	Note 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	Note 4
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Type SRAN
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	

05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 6
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 6
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-PUR-ORDER-YEAR	PIC X(02)	



05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Table 14.263. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)

Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

***Section 14CX—Special Spares - Load, Change, Delete Or Receipt (TPPC 5B, 5C, 5D, 6V; TRIC 1KK)***

14.92.8. Record Description.

**Table 14.264. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Type Spares code
05 901-TRIC	PIC X(03)	

05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 1
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Note 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Type SRAN
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	

05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	

05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 4
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. When a receipt is processed, this field contains the shipping document. 2. When a receipt is processed, this field contains the shipped quantity; otherwise, this field contains the authorized quantity. 3. When a receipt is processed, this field contains the detail document number. When a delete is processed, this field contains the 024-CALC-KEY. 4. Cost field values, if applicable.		

**Table 14.265. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank

MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14CY—Scheme - Load, Change, Or Delete (TTPC 6T, 6U, 6V; TRIC 1PD)**

14.92.9. Record Description.

**Table 14.266. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Type Spares code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	

05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Type SRAN
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	



05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	

05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Section 14CZ—NAMRSP - Load, Change, Delete Or Receipt (TTPC 6D, 6E, 6F, 6V; TRIC INK)**

14.92.10. Record Description.

**Table 14.267. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	

05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Type Spares code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 1
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Note 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Type SRAN
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	

05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	

05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99	

	USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> <ol style="list-style-type: none"> <li>1. When a receipt is processed, this field contains the shipping document.</li> <li>2. When a receipt is processed, this field contains the shipped quantity; otherwise, this field contains the authorized quantity.</li> <li>3. When a receipt is processed, this field contains the detail document number. When a delete is processed, this field contains the 024-CALC-KEY.</li> <li>4. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).</li> <li>5. Cost field values, if applicable.</li> </ol>		

**Table 14.268. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)

Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**Section 14DA— WTDOS - Load, Change, Delete Or Receipt (TTPC 6K, 6L, 6M, 6V; TRIC 1TK)**

14.92.11. Record Description.

**Table 14.269. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	
05 901-DEMAND-CODE	PIC X(01)	Type Spares code
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 1

05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Note 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Type SRAN
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Note 3
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	



05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-3	PIC 9(10)	Note 5

	USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Note 5
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Note 5
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Note 4
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. When a receipt is processed, this field contains the shipping document.
2. When a receipt is processed, this field contains the shipped quantity, otherwise, this field contains the authorized quantity.
3. When a receipt is processed, this field contains the detail document number. When a delete is processed, this field contains the 024-CALC-KEY.
4. The 901-FILLER-5 contains the 901-ACTION-QTY multiplied by the 022-FILLER-2 (Extended MAC).
5. Cost field values, if applicable.

**Table 14.270. Cost Field Values.**

<b>COST FIELD/BUDGET CODE</b>	<b>REMARKS</b>
MSD-COST-1	All costs are extended (action quantity cost listed)
Budget code 8	MAC (022-FILLER-2)
Budget code 9	Standard Price (101-UNIT-PRICE)
Alpha budget code	MAC (022-FILLER-2)
MSD-COST-2	All costs are extended (action quantity cost listed)
Budget code 8	LRC when ERRCD equals XDx, otherwise blank
Budget code 9	For discount sales, TEX % this will be the dollar amount with the % discount applied, otherwise blank
Alpha budget code	Blank
MSD-COST-3	All costs are extended (action quantity cost listed)
Budget code 8	DACR @LAC which should be blank
Budget code 9	For discount sales, this is the dollar amount of the GSD surcharge, otherwise blank
Alpha budget code	Blank
MSD-COST-4	All costs are extended (action quantity cost listed)
Budget code 8	BOCR@LAC
Budget code 9	Blank
Alpha budget code	Blank
MSD-COST-5	All costs are extended (action quantity cost listed)
Budget code 8	MCR when ERRCD equals XDx, otherwise blank
Budget code 9	Blank
Alpha budget code	Blank

**14.93. Base Closure/Mission Change (TTPC 1U, 2C; TRIC 1TO).**

## 14.93.1. Record Description.

**Table 14.271. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	D/I signal designator
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	D/I RID
05 901-DOCUMENT-NBR	PIC X(14)	D/I document number
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Blank
05 901-ACTION-QTY	PIC 9(06)	Quantity D/I
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Qty D/I * D/I unit price
05 901-FILLER-4	PIC X(04)	Blank
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	

05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	1
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	D/O document number
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	Blank
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	Blank
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	D/I fiscal year
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	Blank
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	Qty D/I * D/I unit price
05 901-MUC	PIC 9(02)	

	USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	Blank
05 901-SALES-CODE	PIC X(03)	Blank
05 901-RID-2	PIC X(03)	D/I RID
05 901-NEW-FUND-CODE	PIC X(02)	Blank
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Blank
05 901-TRANSACTION-TIME	PIC X(06)	Blank
05 901-JOCAS-NBR	PIC X(12)	Blank
05 901-DBOF-FLAG	PIC X(01)	Blank
05 901-COST-SYS-IND	PIC X(01)	Blank
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	Blank
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**14.94. A&F BILLING INPUT REJECTED (TTPC 9Y; TRIC 1BA, 1BC, 1BD, 1BE, 1BF, 1BG, 1BH, 1BJ, BKA, BKB, FK1, FK2, FL1, FL2, FN1, FN2, FQ1, FQ2, FW1, FW2, FX1, FX2, GQ1, GQ2, GW1, GW2, GX1, GX2).**

14.94.1. Record Description.

**Table 14.272. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	Constant 01
05 901-TYPE-SRAN	PIC X(01)	Constant B
05 901-ERRCD	PIC X(03)	Blank
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	

05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS		
10 901-BLANK	PIC X(01)	
10 901-PURCHASE-ORDER-NUMBER	PIC X(05)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Note 1
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Blank
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Constant 000
05 901-ACTION-QTY	PIC 9(06)	Note 2
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Note 3
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank/Fund management identification code
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	9Y
05 901-PRINT-FLAG	PIC X(01)	Blank
05 901-BUDGET-CODE	PIC X(01)	Blank



05 901-MARK-FOR		
10 901-BLANK	PIC X(08)	
10 901-DOV-NUMBER	PIC X(06)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 1
05 901-NOMENCLATURE		Note 4
10 901-BLANK-1	PIC X(03)	
10 901-INPUT-UNCONVERTED	PIC X(03)	
10 901-REJECT-PHRASES	PIC X(12)	
10 901-BLANK-2	PIC X(14)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Note 5
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	

05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(02)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	

05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHER	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. For reject A006 and/or A008 this field is formatted as follows:

Positions 1-6 are blank.

Positions 7-10 contain the Julian date.

Positions 11-14 contain 9999.

2. This field is formatted as follows: The first position is blank, and the next 14 positions contain data from positions 30-43 of input.

3. This field is blank for reject A004.

4. This field contains zeros for reject A012.

5. Store plus (+) for charge payment and store minus (-) for credit payments in this field.

**14.95. Bare Base Asset Update (TTPC 3B; TRIC 1AB).**

14.95.1. Record Description.

**Table 14.273. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	

05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY		
10 901-ITEM-CODE	PIC X(01)	
10 901-USE-CODE	PIC X(01)	
05 901-TEX	PIC X(01)	EQP code
05 901-DEMAND-CODE	PIC X(01)	Type detail code
05 901-TRIC	PIC X(03)	Transaction identification code
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS		
10 901-BASE-OF-PLANNED-USE	PIC X(03)	
10 901-ALTERNATE-STORAGE-LOCATION	PIC X(03)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date of last transaction detail record
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Authorized balance
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Unit price
05 901-FILLER-4	PIC X(04)	

05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Date of last transaction from item record
05 901-STATUS-OR-ADVICE-CODE		
05 901-BLANK	PIC X(01)	
10 901-WRM-RPT-CODE	PIC X(02)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC X(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Bare base
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Component
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	

05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	

05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**14.96. Vendor-Owned Receipt Not Due-In/Vendor-Owned SHP/AF-Owned Container Return For Credit/RVP SHP Of AF-Owned Container History (TTPC 2E, BZ, 2F, 2Z; TRIC 1VR, 1VS).**

14.96.1. Record Description.

**Table 14.274. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	

05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Note 1
05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	Note 2
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Note 3
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	
05 901-ACTION-QTY	PIC 9(06)	Note 4
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Note 5
05 901-BUDGET-CODE	PIC X(01)	Note 6



05 901-MARK-FOR	PIC X(14)	
10 901-BLANK	PIC X(05)	
10 901-PURCHASE-ORDER-NBR	PIC X(05)	
10 901-BPA-CALL-NBR	PIC X(04)	
05 901-STOCK-NUMBER-REQUESTED		
10 901-BLANK-1	PIC X(01)	
10 901-FEE-REFUND-AMOUNT	PIC X(07)	
10 901-BLANK-2	PIC X(02)	
10 901-REFUND-CODE	PIC X(01)	
10 901-BLANK-3	PIC X(01)	
10 901-3MSC-NOMENCLATURE	PIC X(03)	
05 901-NOMENCLATURE	PIC X(32)	
10 901-16LSC-NOMENCLATURE	PIC X(16)	
10 901-BLANK	PIC X(16)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	

05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	

05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**14.97. Serialized Control Input (TTPC 7N, 7O, 7P, 7Q, 7R, 7S; TRIC XS1).**

## 14.97.1. Record Description.

**Table 14.275. Record Description.**

<b>TRANSACTION HISTORY FORMAT</b>	<b>DATA TYPE/SIZE</b>	<b>NOTES/EXCEPTIONS</b>
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	

05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Blank
05 901-DEMAND-CODE	PIC X(01)	Action Code L= Load, C = Change, D = Delete
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Application code
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	Blank
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	U
05 901-FILLER-1	PIC X(01)	N
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	3

05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Notes 1, 2
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	Blank
05 901-FILLER-2	PIC X(03)	Blank
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	XS1
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	Blank
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	Blank
05 901-MUC	PIC 9(02) USAGE IS COMP	Blank
05 901-MACR-ACTION	PIC X(01)	Blank
05 901-PROJECT-CODE	PIC X(03)	Blank
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	Blank
05 901-SALES-CODE	PIC X(03)	Blank
05 901-RID-2	PIC X(03)	Blank

05 901-NEW-FUND-CODE	PIC X(02)	NWRM Indicator, if applicable
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Blank
05 901-TRANSACTION-TIME	PIC X(06)	Blank
05 901-JOCAS-NBR	PIC X(12)	Blank
05 901-DBOF-FLAG	PIC X(01)	Blank
05 901-COST-SYS-IND	PIC X(01)	Blank
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	Blank
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	Blank
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	Blank
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	Blank
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	Blank
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	Blank
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	Blank
05 901-PUR-ORDER-YEAR	PIC X(02)	Blank
05 901-PUR-ORDER-NBR	PIC X(05)	Blank
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	Blank
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	Blank
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	Blank
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	Blank
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	Blank

05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	Blank
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	Blank
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	Blank
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	Blank
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	Blank
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	Blank
Notes 1. For 7N, 7O, 7P, 7Q the Serial Number will appear in the STOCK-NUMBER-REQUESTED Field. 2. When processing an XS1 with action code C (TTPC 7R or 7S), the change from Serial Number will appear in the STOCK-NUMBER-REQUESTED Field, the change to Serial Number will appear in the 1 <sup>st</sup> 15 positions of the NOMENCLATURE Field.		

**14.98. Disposal Follow-up From DPDS (TTPC 3E; TRIC AFX/AFZ).**

## 14.98.1. Record Description.

**Table 14.276. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Media and status code
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	Blank/DLADS decision flag
05 901-DEMAND-CODE	PIC X(01)	Hold code
05 901-TRIC	PIC X(03)	

05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Date shipped/Note
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Input quantity
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Zeros
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Zeros
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	Suffix code
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	Blank
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	Blank
05 901-MARK-FOR	PIC X(14)	Blank
10 901-BLANK	PIC X(05)	
10 901-PURCHASE-ORDER-NBR	PIC X(05)	
10 901-BPA-CALL-NBR	PIC X(04)	



05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Shipment Identification/Blank
10 901-BLANK-1	PIC X(01)	
10 901-FEE-REFUND-AMOUNT	PIC X(07)	
10 901-BLANK-2	PIC X(02)	
10 901-REFUND-CODE	PIC X(01)	
10 901-BLANK-3	PIC X(01)	
10 901-3MSP-NOMENCLATURE	PIC X(03)	
05 901-NOMENCLATURE	PIC X(32)	
10 901-16LSC-NOMENCLATURE	PIC X(16)	
10 901-BLANK	PIC X(16)	
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Mode of shipment/Blank
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02)	

	USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05)	

	USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> The first position of the 901-DATE-OF-LAST-DEMAND (DOLD) field will contain a constant zero (0). Positions 2 and 3 will contain the date shipped (Julian date minus year). Zeros will be stored when there is no shipped date.		

#### 14.99. Small Arms Inquiry (TTPC 6B; TRIC DSF/DSR).

##### 14.99.1. Record Description.

**Table 14.277. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	

05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Reject error code from input
05 901-TEX-CODE	PIC X(01)	Trans code from input
05 901-DEMAND-CODE	PIC X(01)	Suffix code from input
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	DODAAC ship-to/Rec from
05 901-RID	PIC X(03)	From the input
05 901-DOCUMENT-NBR	PIC X(14)	
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	Blank
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	Date of reject at registry
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QITY	PIC 9(06)	Note 1
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	From the detail
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	Blank

05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR		
10 901-BLANK	PIC X(03)	
10 901-WEAPON-SER-NBR	PIC X(11)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 3
05 901-NOMENCLATURE	PIC X(32)	Note 2
05 901-CAGE	PIC X(05)	Date transaction rejected
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	Accountable activity
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	

05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07)	

	USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**Notes:**

1. If the 901-ACTION-QTY field is not the requested stock number, it will be the prime detail on-hand balance.
2. The last six positions of the 901-NOMENCLATURE fields will contain the Department of Defense Activity Address Code (DODAAC) of the reporting activity.
3. The 901-STOCK-NUMBER-REQUESTED field will be used only if it is different from the detail record stock number.

**14.100. Project Receipt Acknowledgement AMMES D228 Project Receipt Acknowledgement (TTPC 5U; TRIC D6A).**
**14.100.1. Record Description.**
**Table 14.278. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Receipt stock number
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ECCRD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	
05 901-TEX-CODE	PIC X(01)	

05 901-DEMAND-CODE	PIC X(01)	
05 901-TRIC	PIC X(03)	D6A
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	
05 901-SUPP-ADDRESS	PIC X(06)	
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	Receipt document number
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	000000
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	Zeros
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 901-FILLER-1	PIC X(01)	
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	5U
05 901-PRINT-FLAG	PIC X(01)	3
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Numeric/Note



05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	
05 901-NOMENCLATURE	PIC X(32)	Numeric/Note
05 901-CAGE	PIC X(05)	
05 901-REASON-WHY-CODE	PIC X(01)	Supply condition code
05 901-DEPLOYED-FLAG	PIC X(01)	
05 901-FILLER-2	PIC X(08)	
05 901-IEX-CODE	PIC X(01)	
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-TRN-ON-HAND-BALANCE-FLAG	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	

05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-IND	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	

05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> The subdata element is generated by the program and is not registered in schema.		

**14.101. Project Change/Delete Input AMMES D228 PROJECT Change/Delete Input (TPPC 5Q; TRIC XV9) SRAN FX3101 Only.**

14.101.1. Record Description.

**Table 14.279. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Scheme stock number (5800P/Project number)
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	B
05 901-ERRCD	PIC X(03)	Org code (for FX3101 acct)
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	Blank
05 901-ISSUE-PRIORITY	PIC X(02)	Shop code (for FX3101 acct)
05 901-TEX-CODE	PIC X(01)	Delete code D or change code C
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	XV9
05 901-UNIT-OF-ISSUE	PIC X(02)	Old logistics mgr code (for FX3101 acct)

05 901-FUND-CODE	PIC X(02)	New logistics mgr code (for FX3101 acct)
05 901-SUPP-ADDRESS	PIC X(06)	Date materiel required YYMMDD Project deletion date--YYMMDD
05 901-RID	PIC X(03)	Blank
05 901-DOCUMENT-NMB	PIC X(14)	Zeros
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-FIA-TRANS	PIC X(03)	000
05 901-ACTION-QTY	PIC 9(06)	Zero in LSP
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank
05 901-FILLER-4	PIC X(04)	
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	Blank
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Blank
05 901-NOMENCLATURE		
10 901-PROJECT-NBR	PIC X(08)	Alpha/numeric/Note
10 901-FILLER-3	PIC X(11)	Blank/Note
05 901-CAGE	PIC X(05)	Blank
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	Blank

05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	
05 901-EEIC	PIC X(03)	
05 901-ORIG-TRIC	PIC X(03)	
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	
05 901-SRC-TRN-CODE	PIC X(01)	
05 901-RBL-FLAG	PIC X(01)	
05 901-FILLER-3	PIC X(01)	
05 901-CSMS-REPORT-CODE	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 901-MUC	PIC 9(02) USAGE IS COMP	
05 901-MACR-ACTION	PIC X(01)	
05 901-PROJECT-CODE	PIC X(03)	
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	
05 901-SALES-CODE	PIC X(03)	
05 901-RID-2	PIC X(03)	
05 901-NEW-FUND-CODE	PIC X(02)	
05 901-JOB-CONTROL-NUMBER	PIC X(16)	
05 901-TRANSACTION-TIME	PIC X(06)	
05 901-JOCAS-NBR	PIC X(12)	
05 901-DBOF-FLAG	PIC X(01)	
05 901-COST-SYS-TIME	PIC X(01)	
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 901-MSD-COST-1	PIC 9(10)	

	USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10) USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	

05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Note:</b> The sub data element is internally generated by the program and is not registered in schema.		

**14.102. SPRAM IDENTITY CHANGE (TTPC 3G, 3H, 3J, 3K; TRIC 1SA)**

## 14.102.1. Record Description.

**Table 14.280. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 901-STOCK-NUMBER	PIC X(15)	Note 1
05 901-SYS-DESIG	PIC X(02)	
05 901-TYPE-SRAN	PIC X(01)	
05 901-ERRCD	PIC X(03)	
05 901-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 901-ISSUE-PRIORITY	PIC X(02)	Blank
05 901-TEX-CODE	PIC X(01)	Type SPRAM code
05 901-DEMAND-CODE	PIC X(01)	Blank
05 901-TRIC	PIC X(03)	
05 901-UNIT-OF-ISSUE	PIC X(02)	
05 901-FUND-CODE	PIC X(02)	Blank
05 901-SUPP-ADDRESS	PIC X(06)	Blank
05 901-RID	PIC X(03)	
05 901-DOCUMENT-NBR	PIC X(14)	SPRAM detail doc nbr
05 901-DATE-OF-LAST-DEMAND	PIC 9(07)	SPRAM DOLT
05 901-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	SPRAM on hand qty
05 901-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	

05 901-FIA-TRANS	PIC X(03)	Blank
05 901-ACTION-QTY	PIC 9(06)	
05 901-EXTENDED-COST	PIC 9(10) USAGE IS COMP	Blank
05 901-FILLER-4	PIC X(04)	Blank
05 901-DATE-OF-LAST-TRANSACTION	PIC 9(07)	I/R DOLT
05 901-STATUS-OR-ADVICE-CODE	PIC X(03)	Blank
05 901-FILLER-1	PIC X(01)	Blank
05 901-OUTPUT-TERMINAL-NBR	PIC 9(05) USAGE IS COMP	
05 901-MAT-CAT-SOS-CODE	PIC X(01)	Blank
05 901-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 901-PRINT-FLAG	PIC X(01)	
05 901-BUDGET-CODE	PIC X(01)	
05 901-MARK-FOR	PIC X(14)	Blank
05 901-STOCK-NUMBER-REQUESTED	PIC X(15)	Note 2
05 901-NOMENCLATURE	PIC X(32)	
05 901-CAGE	PIC X(05)	Blank
05 901-REASON-WHY-CODE	PIC X(01)	Blank
05 901-DEPLOYED-FLAG	PIC X(01)	Blank
05 901-FILLER-2	PIC X(08)	Blank
05 901-IEX-CODE	PIC X(01)	Blank
05 901-CALC-KEY	PIC X(13)	
05 901-DCR-CLEARED	PIC X(01)	Blank
05 901-FISCAL-YEAR-OBLIG	PIC X(04)	Blank
05 901-EEIC	PIC X(03)	Blank
05 901-ORIG-TRIC	PIC X(03)	Blank
05 901-USERS-INITIALS	PIC X(04)	
05 901-MISSION-CHANGE-FLAG	PIC X(01)	Blank
05 901-SRC-TRN-CODE	PIC X(01)	Blank
05 901-RBL-FLAG	PIC X(01)	Blank



05 901-FILLER-3	PIC X(01)	Blank
05 901-CSMS-REPORT-FLAG	PIC X(01)	
05 901-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 901-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	Blank
05 901-MUC	PIC 9(02) USAGE IS COMP	Blank
05 901-MACR-ACTION	PIC X(01)	Blank
05 901-PROJECT-CODE	PIC X(03)	Blank
05 901-MANAGER-DESIGNATOR-CODE	PIC X(03)	
05 901-FY-FM	PIC 9(04)	Blank
05 901-SALES-CODE	PIC X(03)	Blank
05 901-RID-2	PIC X(03)	Blank
05 901-NEW-FUND-CODE	PIC X(02)	Blank
05 901-JOB-CONTROL-NUMBER	PIC X(16)	Blank
05 901-TRANSACTION-TIME	PIC X(06)	Blank
05 901-JOCAS-NBR	PIC X(12)	Blank
05 901-DBOF-FLAG	PIC X(01)	Blank
05 901-COST-SYS-IND	PIC X(01)	Blank
05 901-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	Blank
05 901-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 901-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 901-FILLER-5	PIC 9(10)	

	USAGE IS COMP	
05 901-PUR-ORDER-YEAR	PIC X(02)	
05 901-PUR-ORDER-NBR	PIC X(05)	
05 901-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 901-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 901-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 901-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 901-PRE-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 901-AWP	PIC 9(3) V99 USAGE IS COMP	
05 901-OTHERS	PIC 9(3) V99 USAGE IS COMP	
<b>Notes:</b> 1. For TTPC 3G/3J, this field will contain the change-from stock number. For TTPC 3H/3K, this field will contain the change-to stock number. 2. For TTPC 3G/3J, this field will contain the change-to stock number. For TTPC 3H/3K, this field will contain the change-from stock number.		

**14.103. Transaction History Exception Records Cross-Reference Index.**

14.103.1. Purpose. To include the following data for each TRIC that creates a transaction history:

14.103.1.1. What type transaction phrase code (TTPC) is used.

14.103.1.2. Whether a document control RECORD (DCR) is produced.

14.103.1.3. Whether the transaction history is printed on the Daily Document Register.

14.103.1.4. Whether the transaction history is printed on the Daily Transaction/Consolidated Transaction Register.

14.103.1.5. What references apply to the transaction history exception record. What special instructions apply (see applicable notes).

**Table 14.281. Transaction History Exception Records Cross-Reference Index.**

		DCR	D O C	TRANS		
TRIC	TTPC	IMAGE	R E G	REG	Paragraph	NOTES/EXCE PTIONS
1AB	3B		X		<b>Para. 14.91.</b>	
1AP	3U, 3X, 4V		X	X	<b>Para. 14.41.</b>	Notes 1
1BA	1X, IX, 1Y, 2G, 2S, 8A, 8B, 9A, 9D, or 9X			X	<b>Para. 14.20.</b>	
1BA	8B, 9D			X	<b>Para. 14.44.</b>	
1BA	2G, 1Y, 9Z			X	<b>Para. 14.56.</b>	
1BA	9Y				<b>Para. 14.92.</b>	
1BC	9Z			X	<b>Para. 14.81.</b>	
1BC	9Y				<b>Para. 14.92.</b>	
1BD	9Z			X	<b>Para. 14.81.</b>	
1BD	9Y				<b>Para. 14.92.</b>	
1BE	9Z			X	<b>Para. 14.81.</b>	
1BE	9Y				<b>Para. 14.92.</b>	
1BF	9Z			X	<b>Para. 14.81.</b>	
1BF	9Y				<b>Para. 14.92.</b>	

1BG	9Z			X	Para. 14.81.	
1BG	9Y				Para. 14.92.	
1BH	9Z			X	Para. 14.81.	
1BH	9Y				Para. 14.92.	
1BJ	9Z			X	Para. 14.81.	
1BJ	9Y				Para. 14.92.	
1BN	2S/BS, 2T/BT, 7Y/GY, 8B/HB, 9Z			X	Para. 14.7.	
1BT	9Z			X	Para. 14.81.	
1BW	1X, IW, 1Y, 2G, 2S, 8A, 8B, 9A, 9D,			X	Para. 14.20	
1CK	6P, 6Q, 6V, 7H, 7I		X	X	Para. 14.89.	
1DA	1W, IX, 1Y, 2G, 2S, 8A, 8B, 8A, 8B, 9A, 9D, 9X,			X	Para. 14.20	
1DB	1W, 1X, 1Y, 2G, 2S, 8A, 8B, 9A, 9D, 9X		X	X	Para. 14.20	
1DC	1W, 1X, 1Y, 2G, 2S, 8A, 8B, 9A, 9D, 9X		X	X	Para. 14.20	
1DF	1B/AB			X	Para. 14.7	AVFUELS
1DF	1B, AB		X	X	Para. 14.37	Ground fuels
1DR	2S			X	Para. 14.21	
1DR	8B, 9D		X	X	Para. 14.44	
1EB	3I				Para. 14.90	
1ED	5Z		X		Para. 14.34,	
1ET	2W		X		Para. 14.68,	
1ET	5Y, 5Z		X		Para. 14.34,	

1ET	5V	X		X	<b>Para. 14.34</b>	
1F3	4C, 4E, 4F		X	X	<b>Para. 14.69</b>	Note 2
1FN	2S/BS, 2T/BT, 7Y/GY, 8B/HB, 9Z			X	<b>Para. 14.7</b>	
1GC	2S/BS, 2T/BT, 7Y/GY, 8B/HB, 9Z		X	X	<b>Para. 14.7</b>	
1GM	2S/BS, 2T/BT, 7Y/GY, 8B/HB, 9Z			X	<b>Para. 14.7</b>	
1GP	4G			X	<b>Para. 14.21</b>	
1HM	5F, 5G, 5H, 6V		X	X	<b>Para. 14.89</b>	
1KK	5B, 5C, 5D, 6V		X	X	<b>Para. 14.90.</b>	
1KT	1H, 1J, 1P, 1R, 2J, 2L, 5B, 5D, 5F, 5H, 5J	X	X	X	<b>Para. 14.87.</b>	Gains
1KT	1G, 1I, 1O, 1Q, 2I, 2K, 5A, 5C, 5E, 5G, 5I, 5K, 6C, 6E, 6N, 6P, 6R, 6T		X	X	<b>Para. 14.88.</b>	Losses
1LK	1P, 1R, 1Q, 6V		X	X	<b>Para. 14.90.</b>	
1MK	1G, 1H, 1I, 1T, 1J, 6V		X	X	<b>Para. 14.90.</b>	
1LM	8C, 8D, 8E		X	X	<b>Para. 14.58.</b>	
1ME	7Y/GY			X	<b>Para. 14.7.</b>	
1NK	6D, 6E, 6F, 6V		X	X	<b>Para. 14.90.</b>	
1PC	1U, 1S			X	<b>Para. 14.7.</b>	
1PD	6T, 6U, 6V		X	X	<b>Para. 14.90.</b>	
1PF	8M, 8N, 8O			X	<b>Para. 14.62.</b>	
1PR	1V, AV			X	<b>Para. 14.7.</b>	
1PU	8Y	X	X	X	<b>Para. 14.36.</b>	
1PU	HY	X	X	X	<b>Para. 14.36.</b>	
1PU	7Y		X	X	<b>Para. 14.59.</b>	

1PU	GY		X	X	<b>Para. 14.59.</b>	
1RF	3Q/CQ		X	X	<b>Para. 14.7.</b>	
1RF	3Q, CQ		X	X	<b>Para. 14.37.</b>	Ground fuels
1RL	1A, 1B		X	X	<b>Para. 14.43.</b>	
1RM	1A, 1B		X	X	<b>Para. 14.43.</b>	
1RP	1U, 1S			X	<b>Para. 14.7.</b>	
1RP	1B/AB, 1Z	X		X	<b>Para. 14.7.</b>	
1RP	2T/BT			X	<b>Para. 14.7.</b>	
1RP	1Y, 1W			X	<b>Para. 14.7.</b>	
1RP	1X, IX, 1Y, 2G, 2S, 8A, 8B, 9A, 9D, or 9X			X	<b>Para. 14.20</b>	
1SA	3H, 3K	X	X	X	<b>Para. 14.100.</b>	
1SA	3G, 3J		X	X	<b>Para. 14.100.</b>	
1SC	3R	X	X	X	<b>Para. 14.13.</b>	
1SD	4D		X	X	<b>Para. 14.69.</b>	
1SP	1A, 3S, AA, CS	X	X	X	<b>Para. 14.7.</b>	
1SP	3A, CA	X	X	X	<b>Para. 14.7.</b>	
1TO	1U, 2C			X	<b>Para. 14.91.</b>	
1TK	6K, 6L, 6M, 6V		X	X	<b>Para. 14.90.</b>	
1UB	2J, 2K, 2L, 6V		X	X	<b>Para. 14.90.</b>	
1VR	1X, IX, 1Y, 2G, 2S, 8A, 8B, 9A, 9D, 9X			X	<b>Para. 14.20</b>	
1VR	2E, BZ			X	<b>Para. 14.92.</b>	
1VS	1X, IX, 1Y, 2G, 2S, 8A, 8B, 9A, 9D, 9X			X	<b>Para. 14.20</b>	
1VS	2F, 2Z			X	<b>Para. 14.92.</b>	

1XA	7C, 7D, 7E		X	X	<b>Para. 14.8</b>	
1XR	1S, 1T, 1U, 1W, 1X, 1Y, 1Z, 2Q, 2R			X	<b>Para 14.54.</b>	
1XR	4A			X	<b>Para. 14.80</b>	
7L(x)	1V, 1Z			X	<b>Para. 14.4.</b>	
99S	1V, 1Z			X	<b>Para. 14.4.</b>	
A2(x)	5I, 5J, 5U			X	<b>Para. 14.63.</b>	
A4(x)	5I, 5J, 5U			X	<b>Para. 14.63.</b>	
A2(x)	1A, 3P, 3S, 7O	X		X	<b>Para. 14.67.</b>	Note 3
A4(x)	1A, 3P, 3S, 7O	X		X	<b>Para. 14.67.</b>	Note 3
ADJ	7Y, GY		X	X	<b>Para. 14.6</b>	
AE(x)	1V, 1Z			X	<b>Para. 14.4.</b>	Note 4
AE(x)	2B		X		<b>Para. 14.13.</b>	
AE(x)	1S, 1U			X	<b>Para. 14.17.</b>	
AE(x)	1W, 1X, 1Z			X	<b>Para. 14.17.</b>	
AFX/AFZ	3E			X	<b>Para. 14.94.</b>	
AO(x)	1V, 1Z			X	<b>Para. 14.4.</b>	
AS(x)	1W, 1X, 1Z			X	<b>Para. 14.17.</b>	
AU(x)	1W, 1X, 1Z			X	<b>Para. 14.17.</b>	
BDM	3U		X	X	<b>Para. 14.58.</b>	Notes 1
BIR	1A			X	<b>Para. 14.9</b>	
BIR	1B			X	<b>Para. 14.10</b>	
BJA	1X, 2S, 9Z			X	<b>Para. 14.55</b>	
BJA	9Y				<b>Para. 14.92.</b>	
BKB	2G, 1Y, 9Z			X	<b>Para. 14.56</b>	
BKB	9Y				<b>Para. 14.92.</b>	
BSS	4M		X	X	<b>Para. 14.80.</b>	
BST	8U		X	X	<b>Para. 14.19</b>	
BVM	3U		X	X	<b>Para. 14.58.</b>	Notes 1
CCS	7Y, GY		X	X	<b>Para. 14.12.</b>	
D6A	5U		X	X	<b>Para. 14.98.</b>	

DIT	5O, 5P		X		<b>Para. 14.14</b>	
DOC	2A, 2C		X	X	<b>Para. 14.26</b>	
DOC	2M, 2O			X	<b>Para. 14.27</b>	
DOR	1A, 7M, 7O	X		X	<b>Para. 14.29</b>	
DOR	2M, 2N, 2O, 2P			X	<b>Para. 14.30</b>	
DOR	2A, 2C			X	<b>Para. 14.31.</b>	
DOR	2U			X	<b>Para. 14.31.</b>	
DOR	1D, 1F, 1H, 1J, 1L, 1N, 1P, 1R, 2J, 2L, 5B, 5D, 5F, 5H, 5J, 5L, 6D, 6F, 6K, 6M, 6O, 6Q, 6S, 6U, 7F, 7H			X	<b>Para. 14.33</b>	
DSF/DSR	6B			X	<b>Para. 14.97.</b>	
DUO	2D, 4W		X	X	<b>Para. 14.5.</b>	Note 5
DUO	2P			X	<b>Para. 14.39</b>	
DUO	7A		X	X	<b>Para. 14.60</b>	
DWA	1V, 1Z			X	<b>Para. 14.4.</b>	
DZE	4B				<b>Para. 14.12.</b>	
DZE	4G				<b>Para. 14.21.</b>	
EDD	1X			X	<b>Para. 14.57</b>	
FAR/GAR	1X, IX, 1W, 1Y, 2G, 2S, 8A, 8B, 9A, 9D, or 9X			X	<b>Para. 14.20</b>	
FAS/GAS	1X, IX, 1W, 1Y, 2G, 2S, 8A, 8B, 9D, or 9X			X	<b>Para. 14.20</b>	
FCC	1A	X	X	X	<b>Para. 14.15</b>	
FCC	1B		X	X	<b>Para. 14.15</b>	
FCC	7N, 7O	X	X	X	<b>Para. 14.15</b>	



FCD	3U			X	<b>Para. 14.70</b>	
FCH	1A		X	X	<b>Para. 14.38</b>	
FCH	1B	X	X	X	<b>Para. 14.38</b>	
FCI	2C, 2D		X		<b>Para. 14.28</b>	
FCI	4N, 4O, 4P, 7P, 7Q		X		<b>Para. 14.34.</b>	
FCI	1T		X		<b>Para. 14.33.</b>	
FCI	2Y		X		<b>Para. 14.68.</b>	
FCL	4G		X	X	<b>Para. 14.21.</b>	
FCS	6I		X	X	<b>Para. 82.</b>	
FCU	4A		X	X	<b>Para. 81.</b>	
FEC	2C, 2D		X		<b>Para. 14.28</b>	
FEC	1M	X	X	X	<b>Para. 14.36</b>	
FEC	4P		X		<b>Para. 14.36</b>	
FED	5V, 7Q	X	X	X	<b>Para. 14.34.</b>	Note 6
FED	5W, 7M		X	X	<b>Para. 14.34.</b>	Note 7
FED	5X, 5Z	X	X	X	<b>Para. 14.34.</b>	Note 6
FED	6S			X	<b>Para. 14.34.</b>	
FER	1K, 1L, 1N		X	X	<b>Para. 14.34.</b>	
FER	1M		X	X	<b>Para. 14.34.</b>	
FET	1K, 1L, 1M, 1N, 4O, 4P, 3G, 3H, 3J, 3K, 7C, 7P, 7Q	X	X	X	<b>Para. 14.35</b>	Note 8
FET	2W, 2X, 2Y		X	X	<b>Para. 14.63.</b>	
FFC	4G			X	<b>Para. 14.21.</b>	
FFF	4L			X	<b>Para. 14.62.</b>	
FFF	4K			X	<b>Para. 14.62.</b>	
FIC	2V, 3V, 3Y				<b>Para. 14.42</b>	Notes 1, 9, 10
FIC	3U	X	X	X	<b>Para. 14.41</b>	Notes 1, 9
FIC	3X, 4V		X	X	<b>Para. 14.41</b>	Note 1
FIC	2W, 2X, 2Y		X	X	<b>Para. 14.63.</b>	

FID	4I		X	X	<b>Para. 14.52</b>	
FIL	4H		X	X	<b>Para. 14.53</b>	
FJ1	1Z, 2S, 9Y, 9Z		X	X	<b>Para. 14.22</b>	
FJ1	8B, 9D		X	X	<b>Para. 14.44</b>	
FJ2	1Y, 2G, 1W, 9A, 9Y, 9Z		X	X	<b>Para. 14.24</b>	
FJ2	8B, 9D		X	X	<b>Para. 14.44</b>	
FJR	1W, IX, 1Y, 2G, 2S, 8A, 8B, 9A, 9D, 9X		X	X	<b>Para. 14.20</b>	
FJS	1W, IX, 1Y, 8A, 8B, 9A,		X	X	<b>Para. 14.44</b>	
FJS	9D, or 9X		X	X	<b>Para. 14.20</b>	
FKD	4G			X	<b>Para. 14.21.</b>	
FKD	1I, 2K, 5A, 5B, 5C, 5H, 5I, 5K		X	X	<b>Para. 14.85.</b>	
FKD	5D, 5E				<b>Para. 14.85.</b>	
FKD	5E, 5J	X	X	X	<b>Para. 14.87.</b>	
FK1	1Z, 2S, or 9Z			X	<b>Para. 14.22</b>	
FK1	8B, 9D			X	<b>Para. 14.44</b>	
FK1	9Y				<b>Para. 14.90.</b>	
FK2	1Y, 2G, 1W, 9A, or 9Z			X	<b>Para. 14.23</b>	
FK2	8B, 9D			X	<b>Para. 14.44</b>	
FK2	9Y				<b>Para. 14.89.</b>	
FL1	9Y				<b>Para. 14.90.</b>	
FL1/GL1	9Z			X	<b>Para. 14.25.</b>	
FL2/	9Y			X	<b>Para. 14.90.</b>	
FL2/GL2	9Z			X	<b>Para. 14.25.</b>	
FME	2W, 2X		X		<b>Para. 14.63.</b>	
FME	5V, 7Q	X		X	<b>Para. 14.34.</b>	
FME	5X, 5Y, 5Z		X		<b>Para. 14.34.</b>	

FMK	5D, 5I	X			<b>Para. 14.86.</b>	
FN1	9Z			X	<b>Para. 14.25</b>	
FN1	9Y				<b>Para. 14.89.</b>	
FN2	9Z			X	<b>Para. 14.25</b>	
FOR	7Z				<b>Para. 14.61.</b>	
FP1	7Y, 8B, GY, HB			X	<b>Para. 14.7.</b>	
FQ1	9Y				<b>Para. 14.90.</b>	
FQ1/GQ1	9Z			X	<b>Para. 14.25</b>	
FQ2	9Y				<b>Para. 14.90.</b>	
FQ2/GQ2	9Z			X	<b>Para. 14.25</b>	
FRC	2B			X	<b>Para. 14.13.</b>	
FRC	7A			X	<b>Para. 14.60</b>	
FRC	1Z, 1V			X	<b>Para. 14.4.</b>	
FRR	4R, 4S		X	X	<b>Para. 14.64</b>	
FSP	1E, 1F, 4T		X		<b>Para. 14.71</b>	
FSU	3Q, CQ		X	X	<b>Para. 14.37.</b>	
FTB	2G, 2H, 9D		X	X	<b>Para. 14.36.</b>	
FTC	5U			X	<b>Para. 14.63.</b>	
FTR	5U			X	<b>Para. 14.63.</b>	
FTR	1A, 1C, 1E, 1G, 1I, 1O, 1Q, 2I, 2K, 3S	X		X	<b>Para. 14.67.</b>	
FTR	2H			X	<b>Para. 14.68</b>	
FTZ	2G, 2H, 9D			X	<b>Para. 14.36.</b>	
FW1	9Y				<b>Para. 14.90.</b>	
FW1/GW1	9Z			X	<b>Para. 14.25</b>	
FW2	9Y				<b>Para. 14.90.</b>	
FW2/GW2	9Z			X	<b>Para. 14.25</b>	
FX1/GX1	9Z			X	<b>Para. 14.25</b>	
FX1	9Y				<b>Para. 14.90.</b>	
FX2/GX2	9Z			X	<b>Para. 14.25</b>	

FX2	9Y				<b>Para. 14.90.</b>	
GQ1	9Y				<b>Para. 14.89.</b>	
GQ2	9Y				<b>Para. 14.90.</b>	
GW1	9Y				<b>Para. 14.90.</b>	
GW2	9Y				<b>Para. 14.90.</b>	
GW1	9Y				<b>Para. 14.90.</b>	
GX2	9Y				<b>Para. 14.90.</b>	
IAD	1A, 1B, 1C, 1D, 1E, 1G, 1H, 1I, 1K, 1L, 1M, 1O, 1P, 1Q, 2I, 2J, 2K, 2M, 2N, 2O, 3G, 3H, 3J, 7N, 7O, 7P, 7Q		X	X	<b>Para. 14.43.</b>	
IAD	1A, 1B		X	X	<b>Para. 14.43.</b>	
ISU	1L, 1N			X	<b>Para. 14.46.</b>	
ISU	1D, 1F			X	<b>Para. 14.47</b>	
ISU	2P			X	<b>Para. 14.4.</b>	
ISU	2X			X	<b>Para. 14.46.</b>	
ISU	3G, 3H, 3J, 3K			X	<b>Para. 14.48.</b>	
ISU	1H, 1J			X	<b>Para. 14.48.</b>	
ISU	1P, 1R			X	<b>Para. 14.48.</b>	
ISU	5B, 5D			X	<b>Para. 14.48.</b>	
ISU	5F, 5H			X	<b>Para. 14.48.</b>	
ISU	6D, 6F			X	<b>Para. 14.48.</b>	
ISU	6K, 6M			X	<b>Para. 14.48.</b>	
ISU	6O, 6Q			X	<b>Para. 14.48.</b>	
ISU	6S, 6U			X	<b>Para. 14.48.</b>	
ISU	1A, 3P, 3Q, 7M, 7O	X	X	X	<b>Para. 14.49</b>	
ISU	3O		X	X	<b>Para. 14.65</b>	
LCC	2B			X	<b>Para. 14.13.</b>	

LPA	2B			X	<b>Para. 14.13.</b>	
LPA	4A		X	X	<b>Para. 14.80</b>	Note 1
LCC/LPA/ LPS/1XR	1S, 1T, 1U, 1W, 1X, 1Y, 1Z, 2Q, 2R			X	<b>Para. 14.54</b>	
LPS	2B		X	X	<b>Para. 14.13.</b>	
LPS	4A	X	X	X	<b>Para. 14.80</b>	Notes 1, 9
LVL	4G			X	<b>Para. 14.21.</b>	
MAC	8F		X	X	<b>Para. 14.58.</b>	
MSD	4A		X	X	<b>Para. 14.80</b>	
MSI	1A, 3P, 3Q, 7Q	X	X	X	<b>Para. 14.49</b>	
MSI	1C, 1E	X	X	X	<b>Para. 14.45</b>	
MSI	2P			X	<b>Para. 14.48</b>	
MSI	3O		X	X	<b>Para. 14.65</b>	
MSI	1A, 1B, 1K, 1M, 3Q	X	X	X	<b>Para. 14.50</b>	
MSI	1G, 1I	X	X	X	<b>Para. 14.48.</b>	
MSI	2I, 2K	X	X	X	<b>Para. 14.48.</b>	
MSI	1O, 1Q	X	X	X	<b>Para. 14.48.</b>	
MSI	5A, 5C	X	X	X	<b>Para. 14.48.</b>	
MSI	5E, 5G	X	X	X	<b>Para. 14.48.</b>	
MSI	5I, 5K	X	X	X	<b>Para. 14.48.</b>	
MSI	6C, 6E	X	X	X	<b>Para. 14.48.</b>	
MSI		X	X	X	<b>Para. 14.48.</b>	
MSI	6N, 6P	X	X	X	<b>Para. 14.48.</b>	
MSI	6R, 6T	X	X	X	<b>Para. 14.48.</b>	
MSI	7G, 7I	X	X	X	<b>Para. 14.48.</b>	
MSI	1A, 3P, 3Q	X	X	X	<b>Para. 14.49</b>	
NOR	4Z			X	<b>Para. 14.59.</b>	
ORG	9E thru 9M		X	X	<b>Para. 14.62.</b>	
PRJ	8P, 8Q, 8R, 8S, 8T		X	X	<b>Para. 14.62.</b>	

RAR	IV			X	<b>Para. 14.3</b>	
RAR	2D, 4W		X	X	<b>Para. 14.5.</b>	
RAR	1B		X	X	<b>Para. 14.40.</b>	
RAR	1A, 1B, 1K, 1M, 3Q		X	X	<b>Para. 14.50</b>	
REC	2T			X	<b>Para. 14.11</b>	
REC	1S, 1U			X	<b>Para. 14.17.</b>	
REC	1W, 1Y, 1Z			X	<b>Para. 14.18</b>	Note 11
REC	1X, IX, 1Y, 2G, 2S, 8A, 8B, 9A, or 9X			X	<b>Para. 14.20</b>	
REC	1B, 7N	X	X	X	<b>Para. 14.40.</b>	Note 12
REC	7K			X	<b>Para. 14.40.</b>	
REC	4A		X	X	<b>Para. 14.80</b>	Note 1
RVP(DOR)	BA, BC			X	<b>Para. 14.67.</b>	Note 13
RVP(DOR/ ISU/MSI)	BM, BN, BO, BP, BU			X	<b>Para. 14.66.</b>	Note 13
RVP(ISU/ DOR)	AD, AF, AH, AJ, AL, AN, AP, AR, BJ, BL, CH, CJ, EB, ED, EF, EH, EJ, EL, FD, FF, FK, FM, FO, FQ, FS, FU, GG, GI			X	<b>Para. 14.66.</b>	Note 13
RVP(ISU/ DOR/MSI)	AA, AB, AK, CP, CQ	X	X	X	<b>Para. 14.66.</b>	Note 13
RVP(MSI)	AC, AE, AG, AI, AM, AO, AQ, BI, BK, EA, EC, EE, EG, EI, EK, FC, FE, FJ, FM, FN, FP,	X	X	X	<b>Para. 14.66.</b>	Note 13

	FR, FT, GF, GH					
RVP(REC)	AB	X	X	X	<b>Para. 14.66.</b>	Note 13
RVP(REC)	AS, AU			X	<b>Para. 14.66.</b>	Note 13
RVP(REC)	AW/AY			X	<b>Para. 14.66.</b>	Note 13
RVP(REC)	1X, IX, 1W, 1Y, 2G, 2S, 8A, 8B, 9A, 9D, or 9X			X	<b>Para. 14.20</b>	Note 13
RVP(REC)	BT			X	<b>Para. 14.66.</b>	Note 13
RVP(SHP/ TRM/FTR/ A2(X)/A4(X)	AA, AE, AG, AI, AO, AQ, BH, BI, BK, CA, CS, EA, EC, EE, EG, FC, FE, FN, FP, HB, ID, 7N	X	X	X	<b>Para. 14.66.</b>	Note 13
RVP(TIN)	AB	X	X	X	<b>Para. 14.66.</b>	Note 13
RVP(TIN)	AC, AE, AG, AI, AK, AM, AO, AQ, BI, BK, CG, CK			X	<b>Para. 14.66.</b>	Note 13
RVP(TIN)	BM, BN, BO, BP, BU			X	<b>Para. 14.66.</b>	Note 13
RVP(TIN)	BW			X	<b>Para. 14.66.</b>	Note 13
SHP	1A, 1C, 1E, 1G, 1I, 1O, IQ, 2I, 2K, 3S, 5A, 5C, 5E, 5G, 5I, 5K, 6C, 6E, 6K, 6L, 6N, 6P, 7O	X		X	<b>Para. 14.67.</b>	
SHP	2H			X	<b>Para. 14.68</b>	
SMR	8B, 9D		X	X	<b>Para. 14.44</b>	
SPR	1V, 1Z			X	<b>Para. 14.4.</b>	
SPR	1Z				<b>Para. 14.4.</b>	
SPR	2B		X	X	<b>Para. 14.13.</b>	
SSC	5U		X	X	<b>Para. 14.73</b>	

TIN	1C, 1E, 1G, 1I, 1K, 1M, 1O, 1Q, 2I, 2K, 3G, 3J, 5A, 5C, 5E, 5G, 5I, 5K, 6C, 6E, 6N, 6P, 6R, 6T, 6V, 7F, 7H			X	<b>Para. 14.74</b>	
TIN	2N, 2P			X	<b>Para. 14.75</b>	
TIN	2M, 2O, 2U			X	<b>Para. 14.76</b>	
TIN(Equip)	1B, 7L	X	X	X	<b>Para. 14.77</b>	
TIN(Supplies)	1B, 7N, 7O	X	X	X	<b>Para. 14.78</b>	
TIN	2W			X	<b>Para. 14.79</b>	
TRM	3A, 7O	X		X	<b>Para. 14.72</b>	
TRN	4S		X	X	<b>Para. 14.63.</b>	
WPR	1V			X	<b>Para. 14.53</b>	
WPR	4H		X	X	<b>Para. 14.53</b>	
XCA/XCH	4C, 4E, 4F		X	X	<b>Para. 14.69.</b>	
XJE	4N				<b>Para. 14.34.</b>	
XJE	4H				<b>Para. 14.53</b>	
XJE	7Z				<b>Para. 14.61.</b>	
XJE	2X				<b>Para. 14.63.</b>	
XTA	4B				<b>Para. 14.12.</b>	
XTV	7Z				<b>Para. 14.61.</b>	
XV9	5Q			X	<b>Para. 14.97.</b>	
XVE	1Q, 1R, 4U			X	<b>Para. 14.85.</b>	
XVE	6V, 7H, 7I		X	X	<b>Para. 14.85.</b>	

**Notes:**

1. Only the transaction history affecting the item record is printed on the Daily Transaction/Consolidated Transaction Register.
2. Whenever a transaction occurs which adds or deletes the date of approval/validation or change detail quantity on firm details, the resulting transaction appears on the Transaction Register.
3. The only time that a TTPC 1A transaction history is printed on the Document Register is as a result of a due-out release for a lateral requisition.



4. **Para. 14.4.** is used with TTPC 1Z only if the last two positions of the status or advice code field contain BJ or FS.
5. When input is AOX, a TTPC 4W transaction is not printed on the Document Register (D04).
6. Document control outputs (DCRs) are produced only when a deployment issue is output.
7. DCRs are output only for LOAN or RENT receipts.
8. DCRs are provided only for those transactions which correspond to a turn-in/issue document.
9. DCRs are produced only when a corresponding warehouse change document is printed. . NGV441 processing writes a TTPC 3V under the 'change-to' NSN and 3Y for the 'change-from' NSN.
10. This transaction history is written to provide balancing of Fail Safe totals with the Daily Management Data Report (D14). The transaction history will not be printed.
11. A transaction history is created and printed on the Daily Transaction/Consolidated Transaction Registers for billed-not-received and (octal 20) status only.
12. A receipt (TTPC 1B) transaction history is printed only on the Document Register for receipts of stock-funded (budget code 9) local manufacture items.
13. The type transaction phrase codes (TTPC) are those authorized record reversal & correction. The transaction history flags are the same as the original transaction. (See **Para 14.73**, **Para 14.73A** through **Para 14.73N**, and **Para 14.74** for transaction history exceptions.)

#### **14.104. Consolidated Transaction Date Record (701).**

14.104.1. Purpose. To serve as an entry point for transaction history records stored, retrieved, or deleted for a specific date.

14.104.1.1. Program Functions. Record CT-DATE (701) provides multiple program functions:

14.104.1.1.1. Program D37/NGV778, Daily CTH Merge, reads and selects daily transaction history records having the 901-PRINT-FLAG set with a 4 bit on. Program NGV778 then stores the specific transaction date for the selected transactions.

14.104.1.1.2. Program R56/NGV779, CTH Download, uses this date in the selection of records to be downloaded to tape.

14.104.1.2. Inquiry programs use this date for the date selection criteria on an input transaction inquiry.

14.104.1.2.1. Program NGV665, Reverse Post Selection, uses this date in selecting records requiring record reversal & correction action.

14.104.1.3. Access. This record is accessed by the DMS CALC using the 701-CALC-KEY which consists of: System Designator and Transaction Date. **Note:** It is also the owner record of the DATE-STOCK-NUMBER set. The member record in this set is the CT-STOCK-NUMBER.

14.104.1.4. Size and Location. This fixed length record is five words and resides in the CT-OWNR area of the SBSS database.

14.104.2. Record Description. The description of the CT-DATE record as it appears in the schema, subschema, and DML/COBOL program is as follows:

**Table 14.282. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 701-CALC-KEY	PIC X(09)	
05 701-TRANSACTION-COUNT	PIC 9(06)	
05 701-FILLER	PIC 9(05)	

**14.105. Consolidated Transaction Stock Number Record (702).**

14.105.1. Purpose. To serve as an entry point for transaction history records stored, retrieved, or deleted for a specific stock number and date.

14.105.1.1. Program Functions. Record provides multiple program functions:

14.105.1.1.1. Program D37/NGV778, Daily CTH Merge reads and selects daily transaction history records having the 901-PRINT-FLAG set with a 4 bit on. Program NGV778 will then store the specific stock number and the transaction date for the selected transactions.

14.105.1.1.2. Inquiry programs use this stock number in selecting transaction histories for a particular stock number.

14.105.1.2. Access. This record is accessed via DMS CALC using the 702-CALC-KEY which consists of: System Designator, Stock Number, and Transaction Date.

14.105.1.3. Size and Location. This fixed length record is seven words and resides in the CT-OWNER area of the SBSS database.

14.105.2. Record Description. The description of the CT-STOCK-NUMBER Record as it appears in the schema, subschema, and DML/COBOL Program is:

**Table 14.283. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 702-CALC-KEY	PIC X(24)	
05 702-TRANSACTION-COUNT	PIC 9(06)	

**14.106. Consolidated Transaction History Record (703)**

14.106.1. Purpose. To serve as an entry point for transaction history records stored, retrieved, or deleted for a specific system designator.

14.106.1.1. Program Functions. Record provides multiple program functions:

14.106.1.1.1. Program D37/NGV778, Daily CTH Merge, reads and selects daily transaction history records and having the 901-PRINT-FLAG set with a 4 bit on. Program NGV778 then stores the system designator for the selected transactions.

14.106.1.1.2. Program R56/NGV779, CTH Download uses the system designator in selecting records to be downloaded to tape.

14.106.1.1.3. Inquiry programs use this stock number when selecting records for a particular system designator.

14.106.1.2. Access. The CT-SYSTEM-DESIGNATOR record participates as a member in the STOCK-NUMBER-SYSTEM-DESIGNATOR Set, whose owner is the CT-STOCK-NUMBER record. Access is via the STOCK-NUMBER-SYSTEM-DESIGNATOR set.

14.106.1.3. Size and Location. The fixed length record is three words and resides in the CT-OWNR area of the SBSS database.

14.106.2. Record Description. The description of the CT-SYSTEM-DESIGNATOR record as it appears in the schema, subschema, and DML/COBOL program is:

**Table 14.284. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 703-SYS-DESIG	PIC X(02)	
05 703-TRANSACTION-COUNT	PIC 9(04)	
05 703-FILLER	PIC X(02)	

#### **14.107. Consolidated Transaction History Record (704)**

14.107.1. Purpose. To maintain a history of the updates to the SBSS database. The record is used for audit trail purposes in resolving discrepancies to the SBSS database. The record is a duplicate of the daily transaction history record except for the deletion of the 901-CALC-KEY and the setting of the 704-DCR-CLEARED Flag when creating the CTH record.

14.107.1.1. Program Functions. Program D37/NGV778 reads and selects the daily transaction history records having the 901-PRINT-FLAG set with a 4 bit on. Then these records are sorted and added to the consolidated transaction history record file located on the SBSS database.

14.107.1.2. Size and Location. This fixed record length is 68 words and resides in the CT-HIST-AREA area of the SBSS database.

14.107.2. Record Description. The description of the CT-HISTORY record as it appears in the schema, subschema, and DML/COBOL programs is as follows:

**Table 14.285. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 704-STOCK-NUMBER	PIC X(15)	
05 704-SYS-DESIG	PIC X(02)	
05 704-TYPE-SRAN	PIC X(01)	
05 704-ERRCD	PIC X(03)	

05 704-STOCKAGE-PRIORITY-CODE	PIC X(01)	
05 704-ISSUE-PRIORITY	PIC X(02)	
05 704-TEX-CODE	PIC X(01)	
05 704-DEMAND-CODE	PIC X(01)	
05 704-TRIC	PIC X(03)	
05 704-UNIT-OF-ISSUE	PIC X(02)	
05 704-FUND-CODE	PIC X(02)	
05 704-SUPP-ADDRESS	PIC X(06)	
05 704-RID	PIC X(03)	
05 704-DOCUMENT-NBR	PIC X(14)	
05 704-DATE-OF-LAST-DEMAND	PIC 9(07)	
05 704-ENDING-BALANCE	PIC 9(10) USAGE IS COMP	
05 704-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
05 704-TRANSACTION-SERIAL-NBR	PIC 9(05) USAGE IS COMP	
05 704-FIA-TRANS	PIC X(03)	
05 704-ACTION-QTY	PIC 9(06)	
05 704-EXTENDED-COST	PIC 9(10) USAGE IS COMP	
05 704-FILLER-4	PIC X(04)	
05 704-DATE-OF-LAST-TRANSACTION	PIC 9(07)	
05 704-STATUS-OR-ADVICE-CODE	PIC X(03)	
05 704-FILLER-1	PIC X(01)	
05 704-MAT-CAT-SOS-CODE	PIC X(01)	
05 704-TRANSACTION-PHRASE-CODE	PIC X(02)	
05 704-PRINT-FLAG	PIC X(01)	
05 704-BUDGET-CODE	PIC X(01)	
05 704-MARK-FOR	PIC X(14)	
05 704-STOCK-NUMBER-REQUESTED	PIC X(15)	

05 704-NOMENCLATURE	PIC X(32)	
05 704-CAGE	PIC X(05)	
05 704-REASON-WHY-CODE	PIC X(01)	
05 704-DEPLOYED-FLAG	PIC X(01)	
05 704-FILLER-2	PIC X(08)	
05 704-IEX-CODE	PIC X(01)	
05 704-CALC-KEY	PIC X(13)	Reserved
05 704-DCR-CLEARED	PIC X(01)	
05 704-FISCAL-YEAR-OBLIG	PIC X(04)	
05 704-EEIC	PIC X(03)	
05 704-ORIG-TRIC	PIC X(03)	
05 704-USERS-INITIALS	PIC X(04)	
05 704-MISSION-CHANGE-FLAG	PIC X(01)	
05 704-TRN-ON-HAND-BALANCE-FLAG	PIC X(01)	
05 704-RBL-FLAG	PIC X(01)	
05 704-FILLER-3	PIC X(01)	
05 704-CSMS-REPORT-FLAG	PIC X(01)	
05 704-AF-RAMPS-REPORT-CODE	PIC X(01)	
05 704-MACR-DOLLARS	PIC 9(10) USAGE IS COMP	
05 704-MUC	PIC 9(02) USAGE IS COMP	
05 704-MACR-ACTION	PIC X(01)	
05 704-PROJECT-CODE	PIC X(03)	
05 704-MANAGER-DESIGNATION-CODE	PIC X(03)	
05 704-FY-FM	PIC 9(04)	
05 704-SALES-CODE	PIC X(03)	
05 704-RID-2	PIC X(03)	
05 704-NEW-FUND-CODE	PIC X(02)	
05 704-JOB-CONTROL-NUMBER	PIC X(16)	
05 704-TRANSACTION-TIME	PIC X(06)	

05 704-JOCAS NBR	PIC X(12)	
05 704-DBOF-FLAG	PIC X(01)	
05 704-COST-SYS-IND	PIC X(01)	
05 704-SPECIAL-ALLOWANCE-FLAG	PIC X(01)	
05 704-MSD-COST-1	PIC 9(10) USAGE IS COMP	
05 704-MSD-COST-2	PIC 9(10) USAGE IS COMP	
05 704-MSD-COST-3	PIC 9(10) USAGE IS COMP	
05 704-MSD-COST-4	PIC 9(10) USAGE IS COMP	
05 704-MSD-COST-5	PIC 9(10) USAGE IS COMP	
05 704-FILLER-5	PIC 9(10) USAGE IS COMP	
05 704-PUR-ORDER-YEAR	PIC X(02)	
05 704-PUR-ORDER-NBR	PIC X(05)	
05 704-BEFORE-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 704-AFTER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 704-OTHER-DELAY-DAYS	PIC 9(05) USAGE IS COMP	
05 704-AWP-DAYS	PIC 9(05) USAGE IS COMP	
05 704-REQUISITION-DATE	PIC 9(07) USAGE IS COMP	
05 704-TIME-OF-LAST-CHANGE	PIC 9(3) V99 USAGE IS COMP	
05 704-PRE-REPAIR	PIC 9(3) V99	

	USAGE IS COMP	
05 704-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 704-POST-REPAIR	PIC 9(3) V99 USAGE IS COMP	
05 704-AWP	PIC 9(3) V99 USAGE IS COMP	
05 704-OTHERS	PIC 9(3) V99 USAGE IS COMP	

**14.108. Consolidated Transaction Serial Number Record (705).**

14.108.1. Purpose. To serve as an entry point for transaction history records retrieved using the transaction date and serial number.

14.108.1.1. Program Functions. Record provides multiple program functions:

14.108.1.1.1. Program D37/NGV778, CTH Daily Merge reads and selects the daily transaction history records having the 901-PRINT-FLAG set with a 4 bit on. Then, program NGV778 stores the transaction date and serial number for the selected transactions.

14.108.1.1.2. Program R56/NGV779, CTH download uses the system designator, transaction date and serial number in selecting records to be downloaded to tape.

14.108.1.1.3. Inquiry programs use this stock number in selecting transaction histories for a particular transaction date and serial number.

14.108.1.2. Access. Access the CT-SERIAL-NUMBER record by the DMS CALC routine. Initialize the following parameters:

14.108.1.2.1. 705-TRANSACTION-SERIAL-NBR.

14.108.1.2.2. 705-TRANSACTION-DATE.

14.108.1.3. Size and Location. The fixed length record is three words and resides in the CT-OWNR area of the SBSS database.

14.108.2. Record Description. The description of the CT-SERIAL-NUMBER record as it appears in the schema, subschema, and DML/COBOL program is:

**Table 14.286. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 705-TRANSACTION-SERIAL-NBR	PIC 9(05)	
05 705-TRANSACTION-DATE	PIC 9(07)	
05 705-FILLER	PIC X(02)	

**14.109. Delinquent Source Record (706).**

14.109.1. Purpose. To provide a method of creating, updating, and deleting delinquent source documents within SBSS.

14.109.1.1. Program Functions. Program NGV784, Delinquent Source Document Inquiry, allows the addition, change, update, or deletion of delinquent source document records located on the SBSS database. Any action taken on this record depends on instructions entered through the screen process.

14.109.1.1.1. Access. Access the CT-DELINQUENT-SOURCE record by the DMS CALC routine. Initialize the 706-DOCUMENT-NBR parameter.

14.109.1.1.2. Size and Location. The fixed length record is 16 words and resides in the CT-CTRL area of the SBSS database.

14.109.2. Record Description. The description of the CT-DELINQUENT-SOURCE record as it appears in the schema, subschema, and DML/COBOL program is:

**Table 14.287. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 706-DOCUMENT-NBR	PIC X(14)	
05 706-TRIC	PIC X(03)	
05 706-STOCK-NUMBER	PIC X(15)	
05 706-UNIT-OF-ISSUE	PIC X(02)	
05 706-ACTION-QTY	PIC 9(06)	
05 706-TYPE-SRAN	PIC X(01)	
05 706-SYS-DESIG	PIC X(02)	
05 706-TEX-CODE	PIC X(01)	
05 706-IEX-CODE	PIC X(01)	
05 706-ERRCD	PIC X(03)	
05 706-DOC-FILE-FLAG	PIC X(01)	
05 706-FUNCTION-NBR	PIC X(03)	
05 706-OPR	PIC X(03)	
05 706-FILLER	PIC X(09)	

**14.110. Document Control Record (707).**

14.110.1. Purpose. To provide the SBSS with the delinquent document control (DCR) records required by Document Control. Creation of the DCRs occurs during the daily merge of the consolidated transaction history. The DCRs contain the data necessary for document control to ensure the accuracy of SBSS transaction processing.



14.110.1.1. Program Functions. Program D37/NGV778, Daily CTH Merge, reads and selects daily transaction history records having the 901-PRINT-FLAG set with a 1 bit on. Then, these records are sorted and added to the Document Control Record file located on the SBSS database. Changes to the 707-FUNCTION-NBR and 707-OPR, used in the delinquent document program, are made through a microcomputer interface. Also, Document Control personnel can, through the use of a microcomputer interface, clear fileable and destroyable documents as they process back through the SBSS.

14.110.1.2. Access. Access the CT-DOCUMENT-CONTROL record by the DMS CALC routine. Initialize the following parameters:

14.110.1.2.1. 707-TRANSACTION-SERIAL-NBR.

14.110.1.2.2. 707-TRANSACTION-DATE.

14.110.1.2.3. 707-SYS-DESIG.

14.110.1.3. Size and Location. The fixed length record is 27 words and resides in the CT-CTRL area of the SBSS database.

14.110.2. Record Description. The description of the CT-DOCUMENT-CONTROL record as it appears in the schema, subschema, and DML/COBOL program is:

**Table 14.288. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 707-TRANSACTION-DATE	PIC 9(07)	
05 707-TRANSACTION-SERIAL-NBR	PIC 9(05)	
05 707-ACTIVITY-CODE	PIC X(01)	
05 707-DOCUMENT-NBR-LAST-13	PIC X(13)	
05 707-TRIC	PIC X(03)	
05 707-STOCK-NUMBER	PIC X(15)	
05 707-UNIT-OF-ISSUE	PIC X(02)	
05 707-ACTION-QTY	PIC 9(06)	
05 707-SYS-DESIG	PIC X(02)	
05 707-TEX-CODE	PIC X(01)	
05 707-IEX-CODE	PIC X(01)	
05 707-ERRCD	PIC X(03)	
05 707-DOC-FILE-FLAG	PIC X(01)	
05 707-FIA-TRANS	PIC X(03)	
05 707-BUDGET-CODE	PIC X(01)	
05 707-TRANSACTION-PHRASE-CODE	PIC X(02)	

05 707-ISSUE-PRIORITY	PIC X(02)	
05 707-TYPE-SRAN	PIC X(01)	
05 707-DEMAND-CODE	PIC X(01)	
05 707-SUPP-ADDRESS	PIC X(06)	
05 707-FUNCTION-NBR	PIC X(03)	
05 707-OPR	PIC X(03)	
05 707-FILLER	PIC X(28)	

**14.111. Delinquent TRIC Record (708).**

14.111.1. Purpose. To provide selection of transaction identification codes (TRICs) for document control (DCR) and delinquent source (DSD) records printing on the Delinquent Document List, if they meet the assigned delinquent day criteria.

14.111.1.1. Program Functions. Program NGV786, TRIC Record Update, provides the capability to enter specific TRICs and delinquent/pre-delinquent day criteria used by the Delinquent Document List program. The program will add, change and/or delete information depending upon the selected option.

14.111.1.2. Access. Access the CT-DELINQUENT-TRIC record by the DMS CALC routine. Initialize the 708-TRIC parameter.

14.111.1.3. Size and Location. This fixed length record is seven words and resides in the CT-CTRL area of the SBSS database.

14.111.2. Record Description. The description of the CT-DELINQUENT-TRIC record as it appears in the schema, subschema, and DML/COBOL program is:

**Table 14.289. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 708-CALC-KEY	PIC X(05)	
05 708-SYS-DESIG	PIC X(02)	
05 708-TRIC	PIC X(03)	
05 708-DELINQUENT-DAYS	PIC 9(02)	
05 708-PRE-DELINQUENT-DAYS	PIC 9(02)	
05 708-FILLER	PIC X(11)	

**14.112. Delinquent OPR Record (709).**

14.112.1. Purpose. To provide the input function number and office of primary responsibility (OPR) for the function number. The delinquent document program uses this record in retrieving the OPR for input function numbers.

14.112.1.1. Program Functions. Program NGV298, OPR Record Update, provides the capability to enter specific OPRs and cross reference them with the applicable function number assigned by the delinquent document program when the OPR is blank on the stored document control record (DCR).

14.112.1.2. Access. Access the CT-DELINQUENT-OPR record by the DMS CALC routine. Initialize the 709-FUNCTION-NBR parameter.

14.112.1.3. Size and Location. The fixed length record is three words and resides in the CT-CTRL area of the SBSS database.

14.112.2. Record Description. The description of the CT-DELINQUENT-OPR record as it appears in the schema, subschema, and DML/COBOL program is:

**Table 14.290. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 709-FUNCTION-NBR	PIC X(03)	
05 709-OPR	PIC X(03)	
05 709-FILLER	PIC X(06)	

**14.113. Consolidated Transaction History Support Record (710).**

14.113.1. Purpose. To create and store internally data used by programs NGV778, NGV782, NGV781 and NGV785.

14.113.1.1. Access. Access the CT-SUPPORT record in a direct mode. The two parameters requiring initialization are:

14.113.1.1.1. CT-SUPPORT-KEY.

14.113.1.1.2. CT-CTRL-AREA-NAME.

14.113.1.2. Size and Location. The fixed length record is 637 words and resides in the CT-CTRL area of the SBSS database.

14.113.2. Record Description. The description of the CT-SUPPORT record as it appears in the schema, subschema, and DML-COBOL program is:

**Table 14.291. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 710-DELINQUENT-DATE	PIC 9(07)	
05 710-RESTART-RECORD-NUMBER	PIC 9(06)	
05 710-RESTART-FILE-NAME	PIC X(12)	
05 710-FILLER	PIC X(25)	
05 710-RESTART-DATA	PIC X(2500)	

**14.114. Consolidated Transaction History Control Record (711).**

14.114.1. Purpose. To serve as the index for storing the CT-HISTORY record. Contains the status of the CT-HIST-AREA, the transaction dates of history records stored on the database, and a count of the records stored each day.

14.114.1.1. Access. Access the CT-HISTORY-CONTROL record in a direct mode. The two parameters that require initialization are:

14.114.1.1.1. CT-HISTORY-KEY.

14.114.1.1.2. CT-HIST-AREA NAME. Note: CT-HISTORY-KEY consists of:

14.114.1.1.2.1. PAG-NUM (1)

14.114.1.1.2.2. RECORD-NUM (1)

14.114.1.2. Size and Location. The fixed length record is 1507 words and resides in the CT-HIST-AREA area of the SBSS database.

14.114.2. Record Description. The description of the CT-HISTORY-CONTROL record as it appears in the schema, subschema, and DML/COBOL program is:

**Table 14.292. Record Description.**

TRANSACTION HISTORY FORMAT	DATA TYPE/SIZE	NOTES/EXCEPTIONS
05 711-NUMBER-OF-PAGES	PIC 9(06)	
05 711-RECORDS-PER-PAGE	PIC 9(04)	
05 711-NEXT-PAGE-NUMBER	PIC 9(06)	
05 711-NEXT-RECORD-NUMBER	PIC 9(04)	
05 711-PURGE-DATE	PIC 9(07)	
05 711-SUMMARY-INDEX	PIC 9(05) USAGE IS COMP	
05 711-TRANSACTION SUMMARY	OCCURS 750 TIMES	Note
10 711-TRANSACTION-DATE	PIC 9(07) USAGE IS COMP	
10 711-TRANSACTION-COUNT	PIC 9(06) USAGE IS COMP	
<b>Note:</b> The 750 occurrences of the 711-TRANSACTION-SUMMARY field are the transaction dates with the actual transaction count of transactions loaded for that transaction date.		

## Chapter 15

### SUPPLY USERS REPORT GENERATOR (SURGE) PROGRAM

#### *Section 15A—Supply Users Report Generator (SURGE)*

##### **15.1. General.**

15.1.1. SURGE (Program UTL003) is a tool for the local user of the SBSS. It allows the user to access the database in a read-only mode and perform any function normally provided by a program language except writing to the database. SURGE will primarily be used to create reports of the information from the database.

15.1.2. SURGE is a subsystem of the SBSS that provides the users with access to the SBSS database and non-database disk and tape files created by the SBSS for the purpose of creating local management reports.

15.1.3. Capability limitations within existing utilities, command unique, and other report generator programs, dictated the development of a single program that will:

15.1.3.1. Handle input and output images.

15.1.3.2. Handle tape input and output.

15.1.3.3. Retrieve and format mass storage data (disk).

15.1.3.4. Handle a complete run with a single program pass.

15.1.3.5. Reduce manual intervention.

15.1.3.6. Match, merge and/or multiple sort at predetermined intervals.

15.1.3.7. Provide a flexible and rapid sort.

15.1.3.8. Be programmed with ease.

15.1.3.9. Provide meaningful debugging aids.

15.1.3.10. Reuse established and tested routines.

15.1.3.11. Handle large input and output volumes while permitting instruction linkage to perform the complete task.

15.1.3.12. Be assembled without maintaining a compiler or an assembler.

15.1.3.13. Perform extensive edits before performing live operations.

15.1.3.14. Transmit output data to Rolling Line Printer (RLP) or Satellite.

15.1.4. Materiel Management personnel at all levels should become familiar with the capabilities of this program. All personnel directly involved with the operations of the SBSS must possess a detailed working knowledge and the skills necessary to prepare, interpret, and process UTL003 program language style.

15.1.5. Supervisors must ensure personnel are fully trained and skilled in accomplishing these tasks. Base-level classroom training environment is highly recommended and should be utilized where possible.

15.1.6. SURGE programs designed to make input images for subsequent online input should be processed to take advantage of the pseudo reader.

**15.2. Documentation.** There are three categories of SURGE programs each requiring its own type of documentation.

15.2.1. Mandatory Utilities. These are utility programs directed by this manual. Maintain program run instructions in the format of section 15B in a program jacket file within Computer Operations. At the discretion of the MAJCOM, program jacket files could be assigned local program numbers and listed to show the dates the requirement is to be processed. Recommend using the assigned control number as the program identification. This will facilitate scheduling and product review requirements. The as-required utility programs may be published in a supplement by the functional activity, or an AF Form 2011 will be filed in the program jacket file if the product is recurring.

15.2.2. Local Recurring Utilities. The functional activity requiring the product may publish a supplement. Program jacket files will be maintained as described above.

15.2.3. Local Nonrecurring Utilities. Record run instructions in block 16 (and reverse side when necessary) of the initiating AF Form 2011. These programs do not require formal run instructions or documentation.

### ***Section 15B—SURGE Program Preparation and Run Instructions***

**15.3. Overview.** SURGE provides a general purpose programming capability for the SBSS without the need for a separate compiler.

**15.4. Program Logic.** SURGE reads the program instruction images prepared by the user, translates them into a tokenized program, and then acts as an executive system to process the generated program. The instruction repertoire provided allows the user to write a program with the following input and output options within a single program:

15.4.1. Input.

15.4.1.1. RPS.

15.4.1.2. Tape Unit.

15.4.1.3. Mass Storage File (Disk).

15.4.2. Sort. Multiple sorting is allowed.

15.4.3. Output.

15.4.3.1. Printer.

15.4.3.2. RPS.

15.4.3.3. Mass Storage File (Disk).

### **15.5. Computer Operations.**

15.5.1. Report select image. x represents applicable primary gang number.

15.5.1.1. Runstream.

15.5.1.1.1. @RUN UTL003,,xNGV0

15.5.1.1.2. @XQT 0GV00000\*GVABSUD001.NGV801A

15.5.1.1.3. Program call image:

15.5.1.1.4. UTL003SURGE,options source pgm, tokenized-pgm

15.5.1.1.5. Program instructions (optional)

15.5.1.1.6. STOP

15.5.1.1.7. Data image(s) (optional, may be repeated)

15.5.1.1.8. STOP (optional, use with preceding data images)

15.5.1.1.9. ??STOP

15.5.1.1.10. @FIN

15.5.1.2. Distribution. Return to ADPE unit supervisor or ADPE scheduler.

15.5.1.3. RPS/Main Printer. As required.

15.5.1.4. SBLC Main Site Tape Drive Unit. As required.

15.5.1.5. RPS Console. Operational messages will be generated via the RPS main console.

15.5.1.6. Restart Procedures. From beginning.

**15.6. Special Instructions.** The user should prepare documentation and run instructions for each program written using this Section as a guide. Include all peripheral file identification and distribution instructions. All database areas have to be up or SURGE will abort.

**15.7. Management Uses.** This program can be used to satisfy all nonstandard SBSS program requirements.

### ***Section 15C—Error Message Definitions***

#### **15.8. General.**

15.8.1. When SURGE runs and an abnormal condition is detected, an error message is generated and printed on the "PR" listing. These messages explain the nature of the problem, who (user or AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY) can remedy it, and in many cases what the remedy is.

15.8.2. There are three classes of errors, "Warnings", "Serious", and "Fatal." Generally, "Serious" and "Fatal" errors will cause program termination, while "Warnings" are basically information about troublesome, but not deadly errors.

15.8.2.1. Warning. Program will run with this error.

15.8.2.2. Serious. Program could run but with no assurance of correctness so program is terminated.

15.8.2.3. Fatal. Program cannot run as control is totally lost. Program is terminated.

#### **15.9. Specifics.**

15.9.1. SURGE runs in two stages: (1) the compile (Tokenize) stage and, (2) the execution stage. The messages and their formats are different for each stage.

15.9.2. The compile stage converts the SURGE source code into executable tokens which are then written to the "Work Token File" (WTF). The errors in this stage are variable form, plain text messages, and are not explained here. The general form may include underlining (with x's) a word (in the source code) in question and then proceeding with an explanation of what was "expected" and what was "found". The solution is often inferred by the "expected" phrase.

15.9.3. The execution stage reads the "Work Token File" (WTF) and executes the tokens interpretively. **Para 15.25** illustrates the form and contents of the messages that come from the execute stage. All of these messages are in "plain" text, but not all are in "clear" text. Those messages that are not clear are further explained, along with corrective action/s to take.

### ***Section 15D—Debugging Aids***

**15.10. \$SCREEN.** \$SCREEN is an active receiving field. When data is moved here, as in, "MOVE expression TO \$SCREEN;", \$SCREEN will be moved to the PRINT\$ file. In Demand, the PRINT\$ file is the terminal screen and optionally the side-by printer. Moving data to \$SCREEN in Demand allows the user to monitor events as they happen. In Batch, the PRINT\$ file is moved to "PR" file by default, or is redirected by the @SYM image (2nd image in the @START runstream) to a file of choice where it can be monitored (@ED,R) during execution. Moving data in Batch allows debugging messages to be printed without corrupting the actual print file being created. Move to \$SCREEN should be used in lieu of DISPLAY for debugging.

15.10.1. \$SCREEN messages are 80 characters long, but the first three positions are reserved for the literal "TL:". "TL:" is an acronym for TEST LINE and identifies the source of the output line. These three characters subtract from the available space, leaving 77 characters for the output message (data). Move no more than 77 characters to \$SCREEN.

15.10.2. \$SCREEN is a SDDN and as such can be accessed as a source of data as in: "MOVE \$SCREEN TO HLD-AREA;"

15.10.3. \$SCREEN is a self-clearing area when not partialled. There is no need to clear it before using it. When data is moved to \$SCREEN, it is printed and then cleared, unless \$SCREEN is partialled. If \$SCREEN is partialled, as in "MOVE expression TO \$SCREEN[5,10];", the data is placed into \$SCREEN in positions 5 through 10, and is printed but not cleared. The following coding:

15.10.3.1. MOVE 1 TO #RN;

15.10.3.2. MOVE ' RECORD NUMBER = ' & #RN TO \$SCREEN[1,19];

15.10.3.3. LOOP: REPEAT . . . . .

15.10.3.4. MOVE #RN + 1 TO #RN;

15.10.3.5. MOVE #RN TO \$SCREEN[19,19];

15.10.3.6. LOOP: END

15.10.3.7. would create formatted print as follows:

15.10.3.8. TL: RECORD NUMBER = 1

15.10.3.9. TL: RECORD NUMBER = 2



## 15.10.3.10. TL: RECORD NUMBER = 3

15.10.4. \$SCREEN can be used in Demand in conjunction with READ\$-FILE to create an interactive program. \$SCREEN is also used to instruct SURGE to do special debugging operation. They are:

15.10.4.1. TRACE - Which allows a token-by-token view of the internal processing with corresponding values of each data item being moved to PRINT\$.

15.10.4.2. DUMP - Which gives an unformatted dump of the AN-area and/or its INDEX. It allows a view of what data is in the AN-area and where it is in that area (not operational).

**15.11. Trace.** Trace allows a token-by-token view of the internal processing with the corresponding value of each data item being moved to PRINT. Trace can produce a vast amount of print and should be turned on just before the code in question and turned off just after. Trace can be turned on/off an unlimited number of times without effecting the results of normal processing. Trace can be used to see the data being processed, decided upon, and created during execution.

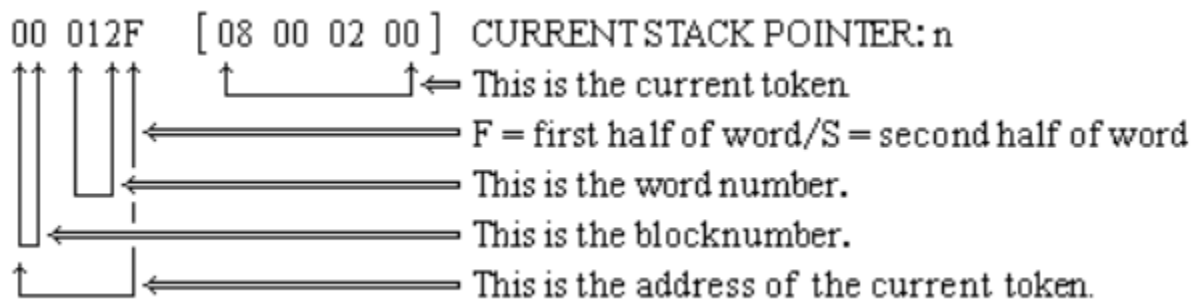
A trace can be activated by: "MOVE TRACE ON TO \$SCREEN;"  
deactivated by: "MOVE TRACE OFF TO \$SCREEN;"

When a trace is started,

PRINT\$ will begin with: "TL:TRACE ON"  
and is followed by: One or more formatted lines.

## 15.11.1. Token Fetch Line.

**Figure 15.1. Token Fetch Line.**



## 15.11.2. Hold Line.

## 15.11.2.1. "HOLD PREVIOUS TOKEN"

15.11.2.2. The token just read has been determined not to belong to the current "group" of tokens, but to the next group. Hold it for later use.

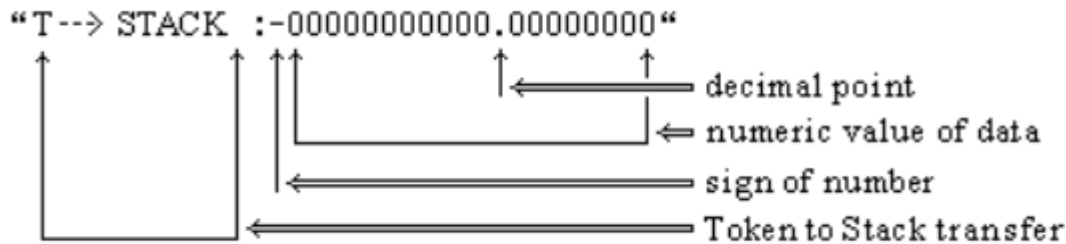
## 15.11.3. Release Line.

## 15.11.3.1. "RELEASE PREVIOUS TOKEN"

15.11.3.2. The token being held in "hold status" (see Hold Line above) can now be removed from "hold status" and considered for processing. It may be put in "hold status" again.

15.11.4. Data Fetch Line Numeric.

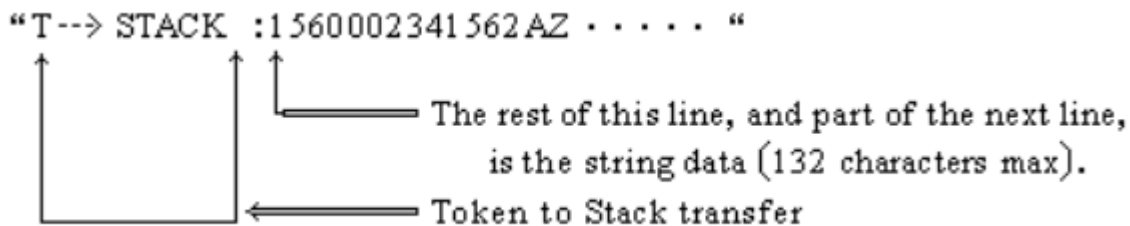
**Figure 15.2. Data Fetch Line Numeric.**



15.11.4.1. This takes up one print line and represents non-string numbers (does not include packed binary numbers).

15.11.5. Data Fetch Line Alphanumeric (String).

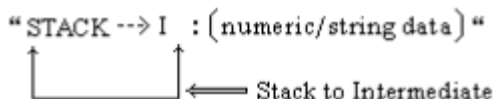
**Figure 15.3. Data Fetch Line Alphanumeric (String).**



15.11.5.1. This takes up two print lines regardless of the length of the actual data. This sample data is a stock number.

15.11.6. Fetch Operand Line.

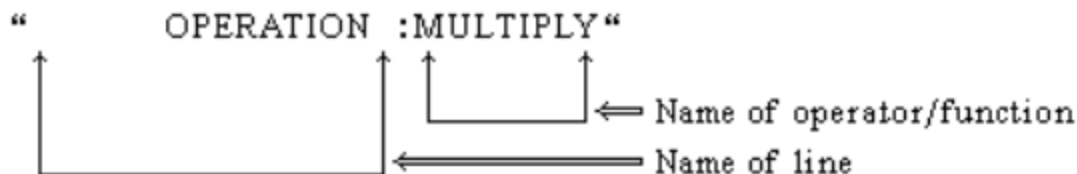
**Figure 15.4. Fetch Operand Line.**



15.11.6.1. This occurs before an "OPERATION LINE". One occurrence, or the first occurrence, is always the RIGHT operand; the second is the LEFT operand. This also occurs during a STORE (the results of the word "TO" as in the verb phrase:

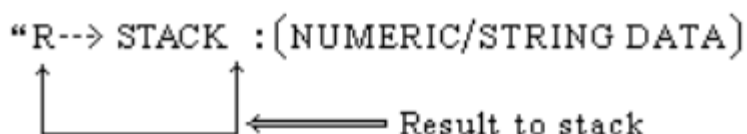
15.11.6.1.1. "MOVE expression TO X;").

15.11.7. Operation Line.

**Figure 15.5. Operation Line.**

See expressions for list of all operator/functions. This line will always be preceded by one or two "FETCH OPERAND LINE " lines and followed by one "STORE RESULTS LINE" line.

#### 15.11.8. Store Results Line.

**Figure 15.6. Store Results Line.**

15.11.8.1. The result of an operation (operator/function) is returned to the stack.

#### 15.11.9. Try running this program:

15.11.9.1. TRACE: SEQUENCE

15.11.9.2. MOVE 'TRACE ON' TO \$SCREEN;

15.11.9.3. MOVE 24 + 15 TO #SUM;

15.11.9.4. MOVE 'THE SUM OF 24 AND 15 IS ' & #SUM TO \$SCREEN;

15.11.9.5. MOVE 'TRACE OFF' TO \$SCREEN;

15.11.9.6. TRACE: END

### 15.12. Dump.

15.12.1. Two types of unformatted dumps are possible; the Alphanumeric Area and/or its Index. An unformatted dump does not list data names along with the data, and is not selective in what is printed. An unformatted dump does list the entire area in question with address locations down the left side. The address location is the address of the first character on a given dump line and is always zero relative.

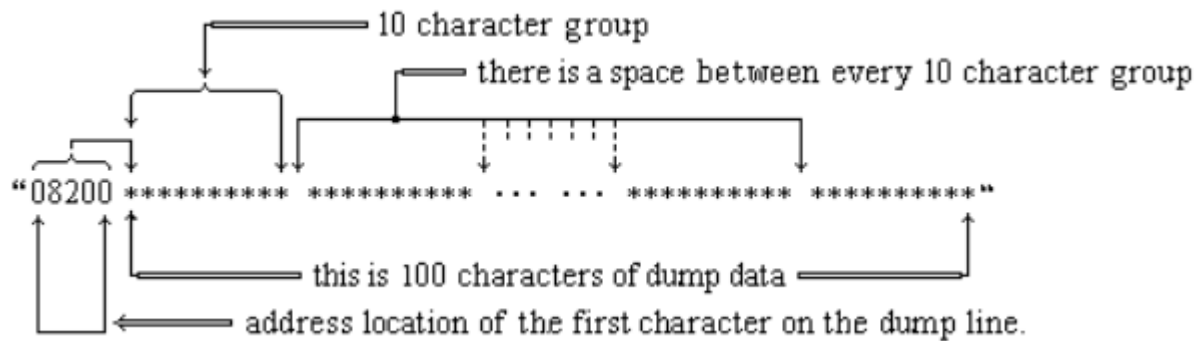
15.12.1.1. The following instruction will dump the Alphanumeric Area:

15.12.1.1.1. "MOVE DUMP AN AREA TO \$SCREEN;"

15.12.1.2. The following instruction will dump the Alphanumeric Index:

15.12.1.2.1. "MOVE DUMP AN-INDX TO \$SCREEN;"

15.12.1.3. A sample dump line follows:

**Figure 15.7. Sample DUMP AN-AREA Line.**

15.12.2. All "null characters" (no data) are printed as "\*". All asterisks are printed as asterisks.

15.12.3. All alphanumeric literals start at the end of the area (address 16383) and work backwards toward the front of memory (address 8192).

15.12.4. This dump is useful when a large number of data items, or large tables begin to fill up most of the available alphanumeric space. It can be used for memory management planning.

15.12.5. Another use for this dump occurs when a large number of unexpected "AUTOMATIC ALPHA-NUM AREA PACKS" are indicated. Here are the conditions:

15.12.5.1. A SURGE program is written without partials, but instead with catenations. This results in very little code if done right, and is a good technique. However, on processing sufficient data, the A/N area will fragment and fill up. SURGE will then go into an AUTOMATIC A/N AREA PACK. This does not take long, and is acceptable on a medium amount of data. For this style of program, AUTOMATIC A/N AREA PACK is expected and is not a problem.

15.12.5.2. A SURGE program is written with partials specifically to eliminate memory fragmentation. If memory does fragment and fill up, it is an error and detection of the offending data item is desired. This can be detected by taking a dump of the A/N area before it packs. On the dump, look for the data that is moving away from all other data, towards a high address.

15.12.5.3. A SURGE program is written with partials specifically to eliminate memory fragmentation. In this case, memory does not fragment but simply fills up because of too much data. An A/N Area dump may reveal which data to DROP to free more space.

15.12.6. "MOVE 'DUMP AN-INDX' TO \$\$SCREEN;" will cause a dump of the Alphanumeric Index. This index is the link between a Data token and the A/N Area. To identify Alphanumeric Data Tokens, consider the following token format examples:

Figure 15.8. Sample TOKEN Format No 1.

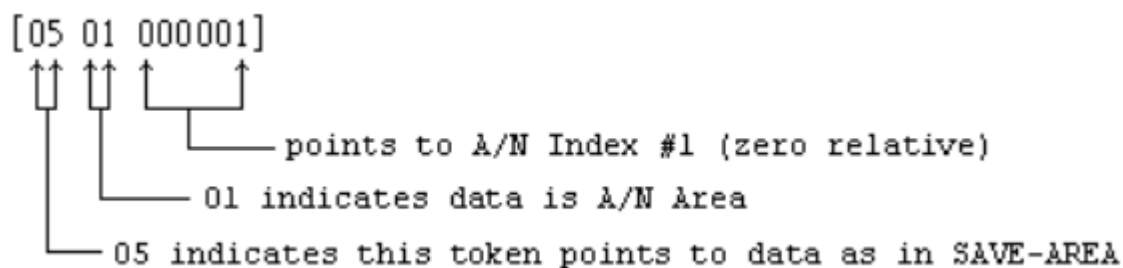


Figure 15.9. Sample TOKEN Format No 2.

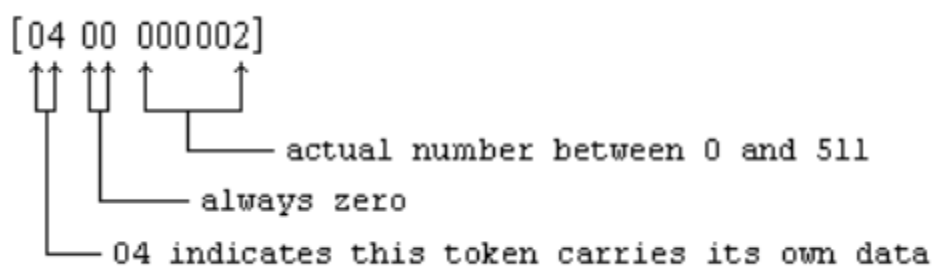


Figure 15.10. Sample TOKEN Format No 3.

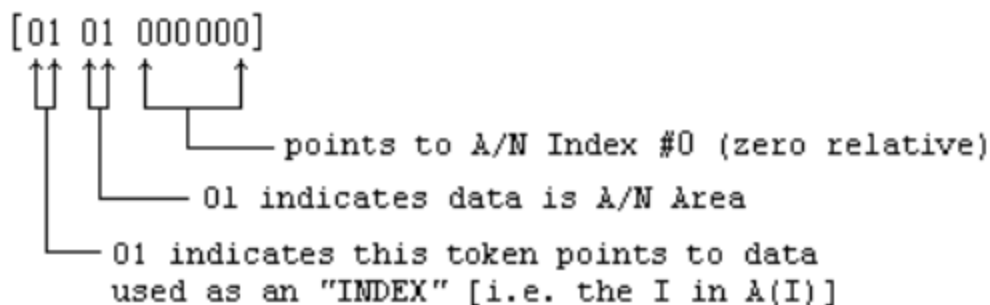


Figure 15.11. Sample TOKEN Format No 4.

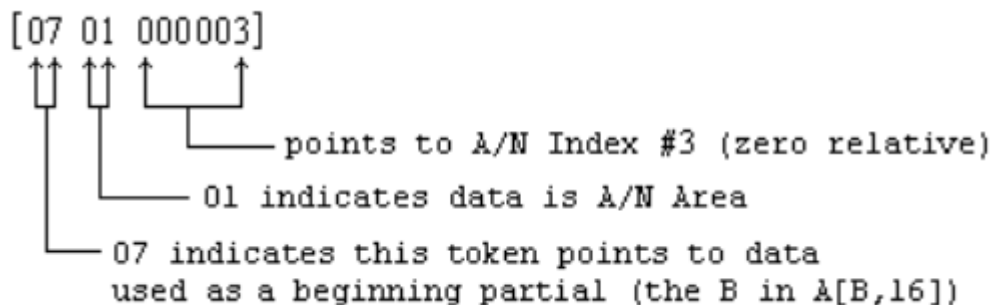
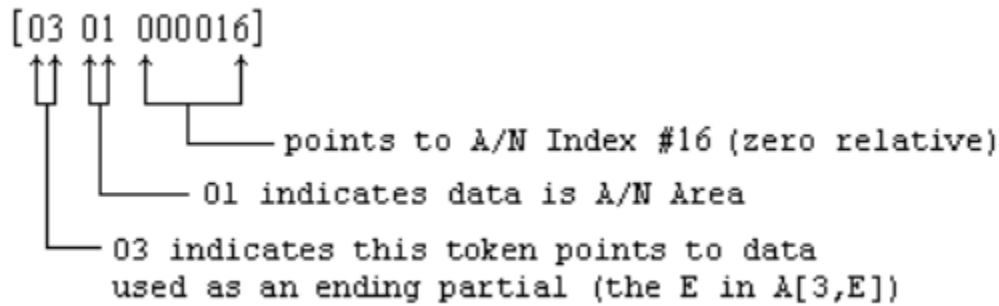


Figure 15.12. Sample TOKEN Format No 5.



15.12.7. In each alphanumeric data token, the last number points to the Alphanumeric Index. This dumped index consists of four columns of numbers. The breakdown of each column is as follows:

Figure 15.13. Sample DUMP AN-INDX Entry Type No 1.

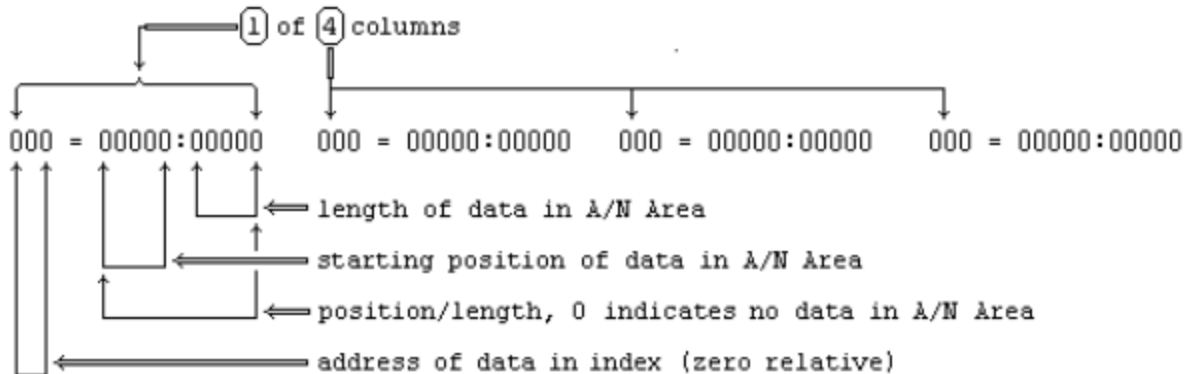
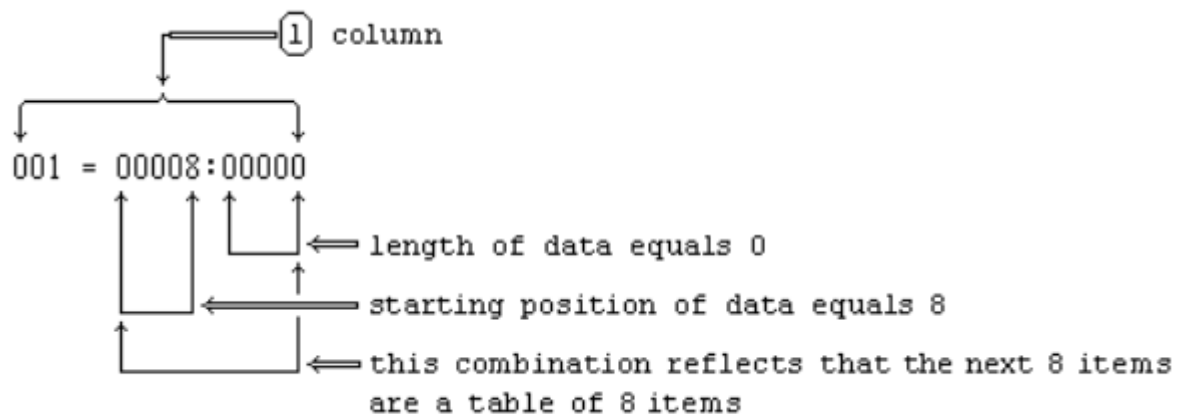
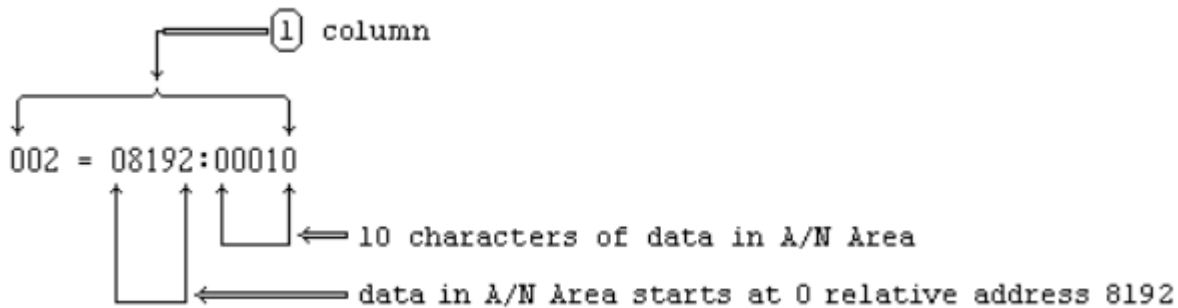


Figure 15.14. Sample DUMP AN-INDX Entry Type No 2.



**Figure 15.15. Sample DUMP AN-INDX Entry Type No 3.****15.13. Source Program Input.**

15.13.1. Purpose. To define the source program inputs.

15.13.1.1. Source Versus Tokenized Programs. Source programs are the actual instructions written by the programmer, usually stored in elements within programs generated by the SURGE processor from source programs, and contain the program in a form executable by SURGE. They are usually stored in elements within program files but may also be stored in data files. Tokenized programs previously created by SURGE may be executed directly, bypassing the tokenization process. Therefore, all programs must be retokenized on the next run following the release of a new data dictionary.

15.13.1.2. Source Input Format. Program constructs and verb phrases are delimited by colons, semicolons, and key reserved words. Therefore, there are no restrictions as to how the source program is formatted into individual input images. A single program construct or verb phrase may span as many or as few input images as desired, or a single input image (1 line) may contain as many program constructs and verb phrases that will fit. Anywhere a single space is allowed (or required), any number of spaces may be coded. This allows the programmer to format for readability.

15.13.1.3. Input Images. Each input image may be up to 80 characters. An input image is ended by the physical end of the input image or by a percent sign (%) preceded and followed by a space. Anything following the percent sign is treated as a comment. EXCEPTION: Percent signs within alphanumeric literals or within REM verb phrases do not end the input image. Input images may not have a question mark (?) or an at sign (@) in column 1.

15.13.1.4. Continuation of Words Between Input Images. Words may not be continued from one input image to the next except for alphanumeric literals. An alphanumeric literal may be continued on more than one input image according to these rules:

15.13.1.4.1. The alphanumeric literal is opened on the first input image with a single quote (') and continues to the physical end of the input image.

15.13.1.4.2. The literal is continued on the next input image with the first character following the first single quote on that image. Anything before the first single quote is ignored. The literal will continue if necessary until the end of that image literal.

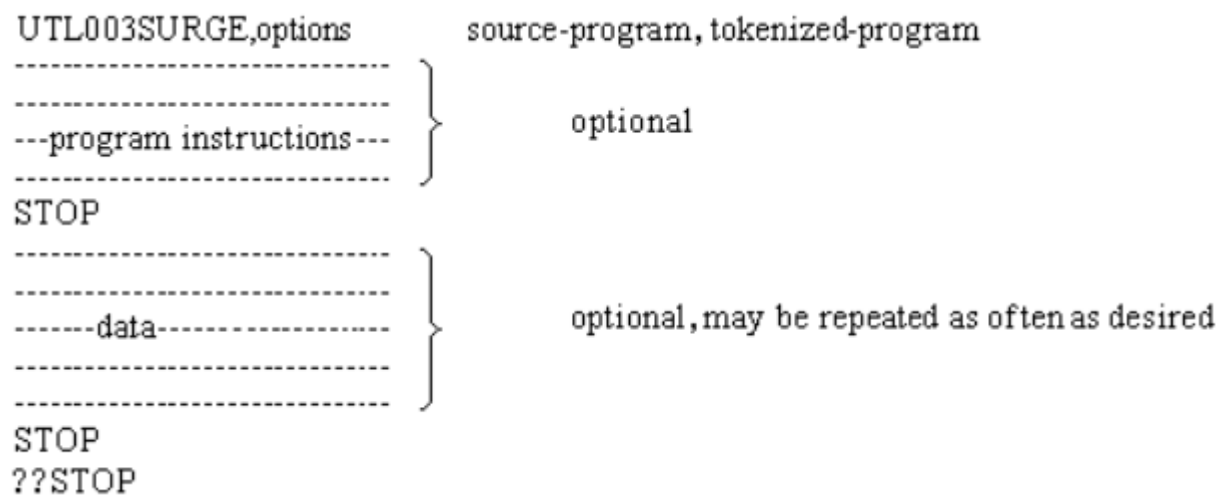
15.13.1.4.3. The literal will be terminated by the second stand-alone (not back-to-back) single quote on the same image.

15.13.1.4.4. Care should be used to ensure back-to-back single quotes (indicates one single quote within the literal) appear on the same input image to avoid misinterpretation.

15.13.1.5. Using the Surge Processor in a Runstream.

15.13.1.5.1. The SURGE processor is executed in a runstream the same as any other SBSS batch program. The XQT of NGV801A will be followed by the SURGE select image, the local SURGE program instructions, and optional data. The format is:

**Figure 15.16. Runstream.**



15.13.1.6. The source program specifies the name of the file or element containing the source-program instructions. The tokenized program contains the name of the file or element to contain the tokenized program instructions. The options are one or more of the following letters without spaces between them and have the following meanings:

15.13.1.6.1. I - The program instructions immediately follow the SURGE select image and are ended with an image containing STOP in the first four positions and nothing else in the remaining positions. The source-program field may or may not be used. If it is used, these instructions (without the STOP) will be placed in that element or file. If an I is not specified, the source program instructions are assumed to be in the file or element which must be given in the source-program field. Do not use with the X option.

15.13.1.6.2. L - Produces a long listing which includes the program source code, executable tokens and error messages. Overrides S and N options. Do not use with X.

15.13.1.6.3. N - Produces no listing of the program. Identifies errors by listing only those lines that are in error and all associated error messages. Do not use with X.

15.13.1.6.4. S - Produces a short listing of program source code and errors messaged only. Overrides N, and do not use with X.

15.13.1.6.5. T - Tokenize the program only. Do not execute. Do not use with X.



15.13.1.6.6. X - Executes a previously tokenized program. Does not tokenize. The source-program field is ignored, the tokenized-program field must be given, and the file or element must contain a tokenized program. This is a stand-alone option and is not to be used with any other option.

15.13.1.6.7. Y - Suppresses the printing of warnings.

15.13.1.6.8. Z - Reserved for internal use only. DO NOT USE.

#### 15.13.1.7. Syntax Rules for Surge Select Image.

15.13.1.7.1. UTL003SURGE must be the first 11 positions of the select image. Positions 20-50 are for program identification.

15.13.1.7.2. If options are given, UTL003SURGE must be immediately followed by a comma, zero, or more spaces. The options must be back-to-back, and at least one space must follow the last option. The comma is not to be used if no options are given.

15.13.1.7.3. The source program and tokenized program (if given) must be a fully qualified file or fully qualified element names. If these names lack a qualifier or file name, then standard defaults will be used. Be completely familiar with defaults before using them.

15.13.1.7.4. When using both the source program and tokenized program fields, they must be separated from the options (or from UTL003 SURGE) by at least one space. They are separated with a comma followed by "zero or more" (0 or more) spaces. There will be no space before the comma.

15.13.1.7.5. When using just the source-program field, it must be separated from the previous field by at least one space. The comma and tokenized-program field must be omitted.

15.13.1.7.6. When using just the tokenized-program field, it must be separated from the previous field by one or more spaces, a comma, and zero or more spaces.

#### 15.13.1.8. Runstream Considerations.

15.13.1.8.1. If the I option is used, the program instructions must follow the SURGE select image. The instructions must be followed with an image containing only STOP in the first four positions.

15.13.1.8.2. If the program reads READ\$ file, this file of data images is placed either behind the SURGE select image, or behind the first STOP image if the I option is used. These images are also followed with a STOP image.

15.13.1.8.3. The sequence of images is terminated with the image ??STOP in the first six positions. The image is required whether or not instructions or data follow the SURGE select image.

15.13.1.8.4. Care should be taken to ensure that STOP or ??ST do not appear in the first four positions of the instructions or data image to prevent them from being interpreted as runstream control images.

### 15.14. Language Concepts.

15.14.1. Purpose. To define the SURGE language concepts.

15.14.1.1. Data Representation in Surge. There are four types of data names which may be represented in a SURGE program. Alphanumeric-User-Defined-Data-Names, Numeric-User-Defined-Data-Names, Database Data Names, and SURGE-defined Data Names.

15.14.1.2. User-Defined-Data-Names (UDDN). These items are ALPHANUMERIC-USER-DEFINED-DATA-NAMES or NUMERIC-USER-DEFINED-DATA-NAMES. When "UDDN" appears in the programming skeletons, the programmer may use either.

15.14.1.2.1. Alphanumeric User-Defined-Data-Name (ANUDDN).

15.14.1.2.1.1. Description. These items are used to store data needed by the program. Some calculations and totaling can be accomplished on any string that can be converted to numbers. The lengths of these items are variable and are set each time data is moved to them according to the length of the data moved. The maximum length is 132 characters. The programmer may define up to 512 alphanumeric data items which may use up to a total of 8,192 characters in memory. Indexed items (items defined with a DIMENSION verb) use more than one of the available 512 data items. To compute the number used, add 1 to the integer specified in the DIMENSION verb phrase. Memory space used by alphanumeric user-defined data items is assigned as it is required. If the memory space used exceeds 8,192 characters, the program will error-terminate (the acronym ANUDDN is used throughout this chapter).

15.14.1.2.1.2. Composition. These data names can be up to 16 characters long from this set of characters: 0-9, A-Z, -, #, \$. ANUDDN must begin with an alphabetic character (A-Z) and cannot end with a hyphen (-).

15.14.1.2.2. Numeric-User-Defined-Data-Name (NUDDN).

15.14.1.2.2.1. Description. These names are used to store numeric values and to do calculations and totaling with the least amount of internal processing. They have the fixed format of a sign, nine digits for the whole number, an assumed decimal point, and seven digits for the fractional portion. The user may define up to 256 numeric items. Subscripted items use as many of these 256 items as specified by the integer in the DIMENSION verb phrase.

15.14.1.2.2.2. Composition. These names can be up to 16 characters long from this set of characters: 0-9, A-Z, -, #, \$. NUDDN must begin with a pound sign (#) and cannot end with a hyphen(-).

15.14.1.2.3. Data-Base-Data-Name (DBDN).

15.14.1.2.3.1. Description. These names are already defined in the system's database schema. Once a record has been read, the programmer can reference the data within the record using the names as defined in the schema. Care should be taken to reference computational (binary) items as elementary items rather than as group items. The SURGE processor deals with data in display (printable) mode and automatically translates from computational to display when a computational data item is reference "d". Moving a group item containing a computational

elementary item will cause the entire item to be treated as alphanumeric and, therefore, no translation will be done (the acronym DBDN is used throughout this chapter).

15.14.1.2.3.2. Composition. Any data name defined within the SURGE program's view of the database may be used by the programmer. These names are written exactly as they are defined in the database and begin with the 3-digit record number and a dash (nnn-). EXCEPTION: Record names are defined in the database without the record number in the first three positions of the name. To use these names in a SURGE program, the programmer must use the name as defined in the database preceded with the 3-position record number and a slash (nnn/). For example, the record defined as ITEM-RECORD in the database must be written as 101/ITEM-RECORD in the SURGE program.

#### 15.14.1.2.4. Surge-Defined-Data-Name (SDDN).

15.14.1.2.4.1. Description. These items are alphanumeric and have fixed lengths. They can hold both numeric and/or alphanumeric type data, but the numeric data will be in string (alphanumeric) format. In general, they are used to pass constant information (such as base name, etc.) to the local SURGE program. They can also be used to pass information from the local SURGE program to the SURGE processor to direct execution of the local SURGE program. SURGE-defined data items can be used to specify database record keys to tell the SURGE processor which record to read, to specify data to be converted, to specify headers, trailers, and other report formatting information, etc. The acronym SDDN is used throughout this chapter.

### *Section 15E—SURGE-Defined Data Names*

#### **15.15. SURGE-Defined Data Names.**

15.15.1. Purpose. To define the SURGE system reserved variables.

**Table 15.1. SURGE-Defined Data Names.**

NAME	SIZE/ TYPE	USE
\$BASE-ADDRESS	22 A/N	Preset with base address from the base constants record.
\$BASE-NAME	22 A/N	Preset with base name from the base constants record.
\$BOTTOM-LINES	2 N	The number of blank lines at the bottom of each report page. Set by the format command from the BOTTOM clause. Optionally set by programmer.

\$CALENDAR-CONV	11 A/N	Set by the programmer to convert to Julian date. Set by the conversion of Julian date to calendar. (YYYY MMM DD)
\$CALENDAR-DATE	11 A/N	Preset with machine calendar date. (DD MMM YYYY)
\$DISK-1-RCD	200 A/N	Used by the programmer to access data on DISK-1. "READ DISK-1" puts data here. "WRITE DISK-1" copies data from here to DISK-1.
\$DISK-2-RCD	80 A/N	Same as \$DISK-1-RCD, except it deals with \$DISK-2-RCD.
\$DISK-3-RCD	132 A/N	Same as \$DISK-1-RCD, except it deals with \$DISK-3-RCD.
\$DISK-4-RCD	112 A/N	Same as \$DISK-1-RCD, except it deals with \$DISK-4-RCD.
\$DISK-5-RCD	80 A/N	Same as \$DISK-1-RCD, except it deals with \$DISK-5-RCD.
\$FISCAL-CONV	4 N	Set by date conversions to appropriate fiscal year.
\$FISCAL-YEAR	4 N	Preset to the current fiscal year (Based on \$SBSS-JULIAN.)
\$HEADER-1	132 A/N	Set by the programmer and optionally by the FORMAT command.
\$HOST-SRAN	6 A/N	Preset to the 01 account SRAN.
\$HOURS-MIN-CONV	8 N	Set by the programmer to convert hours to minutes. Set by the conversion of minutes to hours.
\$JULIAN-CONV	7 N	Set by the programmer to convert to calendar date. Set by the conversion of calendar date to Julian. (YYYYDDD)
\$JULIAN-DATE	7 N	Preset with machine Julian date (YYYYDDD)
\$LINE-SPACING	1 N	Set by FORMAT command. Optionally set by programmer.
\$LINES-PER-PAGE	3 N	Set by FORMAT command. Optionally set by programmer.
\$LINES-PRINTED	3 N	Set by PRINT command and FORMAT command.

\$MAJCOM	2 A/N	Preset to MAJCOM code.
\$MINUTES-CONV	8 N	Set by the programmer to convert minutes to hours. Set by the conversion of hours to minutes.
\$NBR-HEADERS	1 N	Set by FORMAT command from HEADER clause. Optionally set by the programmer.
\$NUMERIC-MONTH	2 N	Set by date conversions to corresponding numeric month.
\$PAGE-NUM	5 N	Set by programmer to do direct database read. (Must be used with \$RECORD-NUM.)
\$PAGE-NUMBER	4 N	Set by FORMAT and PRINT commands. May be reset by the programmer.
\$PROGRAM-NAME	16 A/N	Preset to program name.
\$RECORD-CODE	3 N	Set by DB-READ command.
\$RECORD-NUM	5 N	Set by programmer to do direct database read. Must be used with \$PAGE-NUM.
\$REPORT-PRINTER	6 A/N	Set by programmer to direct report. (See FORMAT)
\$REPORT-SD	2 A/N	Set by programmer before FORMAT command to direct report. (Places System Designator on the end of the report file name.)
\$RESPONSE	80 A/N	Set by QUERY command.
\$SBSS-DATE	11 A/N	Preset with SBSS calendar date (DD MMM YY)
\$SBSS-JULIAN	7 N	Preset with SBSS Julian date (YYYYDDD)
\$SCREEN	77 A/N	Data moved here is put in the PRINT\$ file. In demand mode, it prints on the screen and/or prints on the side-by printer. In batch mode, it prints on the PR listing and may be used for debugging purposes.
\$START-TIME	8 A/N	Preset with program start time (HH:MM:SS:).
\$STATUS	1 N	Set by various input/output commands.
\$TOP-LINES	2 N	Set by FORMAT command TOP clause. Optionally set by the programmer.
\$TRAILER	132 A/N	Set by the programmer.

\$TRAILER-FLAG	1 N	Set by FORMAT command TRAILER clause. Optionally set by the programmer.
\$TYPE-SEG	1 A/N	Preset with the type segmentation.
\$TRANS-RCD	189 A/N	Used by the programmer to access data on TRANS-TAPE (Transaction History Tape) "READ TRANS-TAPE" puts data here. "WRITE TRANS-TAPE" copies data from here to TRANS-TAPE.

**Section 15F—Field Names For \$TRANS-RCD**

15.15.2. Purpose. To define field names for the \$TRANS-RCD record.

15.15.3. Format.

**Table 15.2. Field Names for \$TRANS-RCD Record.**

FIELD NAME	SIZE/ TYPE
\$TRANS-ACT-QTY	6 N
\$TRANS-BUDGET-CD	1 A/N
\$TRANS-DATE	4 N
\$TRANS-DEMAND	1 A/N
\$TRANS-DIC-TRIC	3 A/N
\$TRANS-DOC-NBR	14 A/N
\$TRANS-DOLD	4 A/N
\$TRANS-DOLT	4 A/N
\$TRANS-END-BAL	6 A/N
\$TRANS-ERRCD	3 A/N
\$TRANS-EXT-COST	8 A/N
\$TRANS-FIA-TRANS	3 A/N
\$TRANS-FILLER-1	1 A/N
\$TRANS-FILLER-2	7 A/N
\$TRANS-FUND-CODE	2 A/N
\$TRANS-ISSU-PRI	2 A/N
\$TRANS-ITM-NOMEN	19 A/N

\$TRANS-MARK-FOR	14 A/N
\$TRANS-MAT-CAT	4 A/N
\$TRANS-MFG-ID-CD	5 A/N
\$TRANS-OUT-TERM	2 N
\$TRANS-PHRASE-CD	2 A/N
\$TRANS-PR-PU-FLG	1 A/N
\$TRANS-REASON-Y	1 A/N
\$TRANS-REPORT-CD	1 A/N
\$TRANS-ROUTNG-ID	3 A/N
\$TRANS-SER-NBR	5 N
\$TRANS-STAT-ADV	3 A/N
\$TRANS-STK-N-REQ	16 A/N
\$TRANS-STK-PR-CD	1 A/N
\$TRANS-STOCK-NBR	15 A/N
\$TRANS-SUP-REQ	6 A/N
\$TRANS-SYS-DES	2 A/N
\$TRANS-TEX	1 A/N
\$TRANS-TYPE-SRAN	1 A/N
\$TRANS-UNIT-ISU	2 A/N

### ***Section 15G—Skeletons And Rules***

#### **15.16. Skeletons and Rules.**

15.16.1. Purpose. To define skeletons and their rules.

15.16.2. Skeleton. A skeleton is a picture of the arrangement of the elemental items that make up a program construct or verb phrase. As a general rule, these elements or groups of elements, must be coded in the sequence in which they appear in the skeleton. Exceptions to this rule will be stated following the skeleton.

15.16.3. Syntax Rules. Further define the order in which elements or groups of elements may appear. It also places restrictions on values of elements which may be supplied by the programmer.

15.16.4. General Rules. Clarifies the effect an element or group of elements have on the tokenization and execution processes.

15.16.5. Brackets. Brackets [], in the skeleton indicate the portion included within the brackets is optional.

15.16.6. Braces. Braces {}, in the skeleton indicate one and only one of the options within the braces must be included within the program construct or verb phrase.

15.16.7. Double Bars. Double bars ||, indicate one or more of the options within the double bars must be included within the program construct or verb phrase. Unless otherwise specified, the options must appear in the order they appear in the skeleton.

15.16.8. Ellipsis. Ellipsis (. . .) indicates the last bracketed [], or braced {}, portion of the skeleton may be repeated at the programmer's option. The syntax rules will specify any limitations on the number of repetitions.

15.16.9. Semicolons. Semicolons (;) appear at the end of each verb phrase skeleton.

15.16.10. Words Used In Skeletons. There are three types of words used in skeletons: programmer supplied words, key reserved words, and reserved words.

15.16.10.1. Programmer Supplied Words. These words are in lower case and are to be replaced by the programmer with a syntactically correct entry as described in this manual.

15.16.10.2. Key Reserved Words. These are reserved words that are underlined within the skeleton. They must be coded by the programmer exactly where shown and may appear nowhere else. Special characters that are used for operators (+, -, \*, /, =, <, >, <=, >=, <>,) are considered to be key reserved words even though they are not underlined when used in a skeleton. Reserved words are capitalized within the skeleton. Optional Reserved words add readability to the program. When used, they must be coded exactly where shown in the skeleton and may not appear anywhere else.

**Table 15.3. Reserved Words.**

<b>RESERVED WORDS</b>			
ADMIT	END-OF-FILE	PAGE	TOP
AND	END	PRINT	TRAILER
ARE	FOR	QUERY	TRIPLE
ASCENDING	FORMAT	QUIT	UNPACK
ASSUME	FORMS	READ	UNTIL
BLOCK	FROM	RECORD	USING
BOTTOM	HEADER	REM	VIA
CALENDAR	HEADERS	REELS	VALUES
CHARACTERS	HOURS	RE-OPEN	WHILE
CHOOSE	IN	REPEAT	WITH
CLOSE	INPUT	RESTORE	WORK
COLUMN	IS	ROOT	WRITE
CONVERT	JULIAN	RUNSTREAM	+



DATE	LENGTH	SAME	-
DAYS-DIFFERENCE	LINES	SAVE	*
DB-READ	LOCATION	SEQUENCE	/
DEFAULT	MESSAGE	SEQUENTIALLY	=
DELETE	MINUTES	SET	<
DESCENDING	MOVE	SINGLE	>
DETAIL	NEXT	SORT	<=
DIMENSION	NOT	SPACES	>=
DIRECT	NO-FIND	SPACING	<>
DISPLAY	NULL	SQUARE	&
DO	NUMBER	STANDARD	(
DOUBLE	OFF	START	)
DROP	OPEN	STATUS	[
DUMP	OR	STOP	]
EDITING	OUTPUT	TIMES	,
EJECT	OWNER	TO	;

15.16.11. Filenames. These are internal filenames reserved by SURGE to identify its disk and tape files.

**Table 15.4. Disk and Tape Internal Filenames.**

DISK FILES	TAPE FILES	TRANS TAPE FILE	INPUT FILE
DISK-1	TAPE-1	TRANS-TAPE	READ\$-FILE
DISK-2	TAPE-2		
DISK-3			
DISK-4			
DISK-5			

15.16.12. Construct Names.

15.16.12.1. Description. These names identify the beginnings, endings, and divisions of program constructs. There are two special types of construct names: the program name, which appears on the first line of the program and subroutine names which appear on the first line of a subroutine.

15.16.12.2. Composition. Construct names are up to 16 characters. They contain any of the characters A-Z, 0-9, and hyphen. They cannot begin or end with a hyphen and must conform to the same standards as ANUDDN. They must end with a colon (:), except when used in a DO statement or a QUIT statement. In these two statements, they are part of verb phrase which ends with a semicolon.

15.16.12.3. Literals. Literals allow the user to define constant data. An alphanumeric literal uses up one of the allowable 512 alphanumeric user-defined data items and a numeric literal uses up one of the 256 numeric user-defined data items.

15.16.12.4. Numeric Literals. Numeric literals are used to define fixed numeric values in a program. They are made up of the characters 0-9, +, -, and decimal point. The sign (+ or -) can be used only once in the literal and, if used, must be the first character. There can be one decimal point with up to seven decimal digits on its right and up to nine digits on its left. There must be at least one digit in a numeric literal. A fraction, a number smaller than one, (1) must have a zero (0) preceding the decimal (0.25 -vs- .25).

15.16.13. Alphanumeric Literals. Alphanumeric literals are used to represent fixed alphanumeric values in a program. They begin and end with a single quote ('). Any character in the computer's set may appear in the literal which may be up to 132 characters long. To represent one single quote within an alphanumeric literal, two quotes must be coded back-to-back.

15.16.13.1. Condition Names. Condition names represent a test that can be either true or false(see expressions).

15.16.13.1.1. DEFAULT Same as "1 = 1" or "1"

15.16.13.1.2. END-OF-FILE Same as "\$STATUS = 9"

15.16.13.1.3. NO-FIND Same as "\$STATUS = 8"

GOOD READ IS Same as "\$STATUS = 0"

**Note:** A

### **Section 15H—Files**

15.16.14. Purpose. To show SURGE file names and their characteristics.

**Table 15.5. Files.**

INTERNAL NAME	MAX RECORD LENGTH	BLOCK LENGTH	EXTERNAL NAME	RECORD NAME
<b>DISK FILES:</b>				
DISK-1	200	1	NGV003UD011	\$DISK-1-RCD
DISK-2	80	1	NGV003UD012	\$DISK-2-RCD
DISK-3	132	1	NGV003UD013	\$DISK-3-RCD
DISK-4	112	1	NGV003UD014	\$DISK-4-RCD

DISK-5	80	1	NGV003UD017	\$DISK-5-RCD
<b>TAPE FILES:</b>				
TAPE-1	3072	1	NGV003UT001	\$TAPE-1-RCD
TAPE-2	256	1	NGV003UT002	\$TAPE-2-RCD
TRANS-TAPE	3072	1	NGV003UT004	\$TRANS-RCD
<b>INPUT FILE:</b>				
READ\$-FILE	132	1	\$READ\$-RCD	

### 15.17. Expressions.

15.17.1. Purpose. To define what an EXPRESSION is and what it does.

15.17.2. Background. Data processing is concerned with three basic operations:

15.17.2.1. Input of Data.

15.17.2.2. Processing Data.

15.17.2.3. Output of Data.

15.17.2.4. The processing stage is concerned with two things: (1) combining values of variables and constants to get new values and, (2) combining them in the right order. Part of the ordering or sequencing is controlled by the program constructs detailed elsewhere. The rest of the sequencing control and the actual combining is accomplished in expressions.

15.17.2.4.1. EXAMPLE:

15.17.2.4.1.1. "MOVE A + B TO C;"

15.17.2.4.2. In this example, A and B are added and the answer is placed into C. "A + B" is an expression. Expressions can range from simple, "A", to complex, "A + ROOT(B - C / 2) - 3.5 \* (B - C.)." Expressions can be used to determine a value, compare one or more values for making decisions (true or false situations), determining order of data (greater than, equal, less than), pulling strings of data apart into smaller strings, concatenating (combining) smaller strings into larger strings (build print lines, phrases) and converting from one class of data to another (alphanumeric-string to numeric-value and vice versa). A working knowledge of FUNCTIONS, INDEXING, PARTIALING, CONDITION NAMES, SEPARATORS, AND OPERATORS PRECEDENCE is needed to understand expressions.

## Section 15I—Functions

### 15.18. Functions.

15.18.1. Purpose. To define SURGE Computational Functions.

15.18.2. Functions. Just as operators direct actions to be performed upon their operands, functions direct actions to be performed upon their operands. Functions can have one or more operands depending upon the function. SURGE functions have a maximum of two operands.

A function can be one of two types; alphanumeric or numeric which is determined by the type of data it puts out. An alphanumeric function puts out an alphanumeric string even if the string can be read as a number. A numeric function puts out a numeric-value data item. The result of all functions is placed on an internal stack and does not modify any input operands.

#### 15.18.3. Days-Difference Function.

15.18.3.1. Function. Computes the difference in days between two Julian dates.

15.18.3.2. Skeleton.

**Figure 15.17. DAYS-DIFFERENCE Skeleton.**

DAYS-DIFFERENCE (expression-1, expression-2)

15.18.3.3. Syntax Rules. None; the syntax is fully defined in the skeleton.

15.18.3.4. General Rules.

15.18.3.4.1. Expression-1 should evaluate to the earlier Julian date; if not, a negative result will be returned.

15.18.3.4.2. Expression-2 should evaluate to the later Julian date; if not, a negative result will be returned.

15.18.3.4.3. The format of the Julian dates is seven digits: four for year and three for day. The year portion may have spaces as the first three characters (i.e., A 4-position Julian date). In this case, the SURGE processor will assume the decade to be the one that makes the year closest to the current year. In the event two possible selections will be 5 years away, the earlier date will be used. The day portion must be between 001 and 365 (or 366 for leap years). If DAYS-DIFFERENCE fails these edits, an error will result, and the program will be terminated.

15.18.3.4.4. The form of the Julian dates must be an alphanumeric string without decimal points. Numeric values will contain decimal points (even if assumed) and will cause error termination.

15.18.3.4.4.1. EXAMPLE:

15.18.3.4.4.1.1. MOVE 'bbb' & 202-DATE-SERIAL-NBR[1,4] TO JD;

15.18.3.4.4.1.2. MOVE DAYS-DIFFERENCE (JD, \$SBSS-JULIAN) TO PL  
WITH EDITING '99999';

15.18.3.4.5. PRINT PL;

#### 15.18.4. Length Function.

15.18.4.1. Function. Returns the length of an alphanumeric string.

15.18.4.2. Skeleton.

**Figure 15.18. LENGTH Skeleton.****LENGTH (expression)**

15.18.4.3. Syntax Rules. None; the syntax is fully defined in the skeleton.

15.18.4.4. General Rules. The expression must evaluate to an alphanumeric string.

15.18.4.4.1. EXAMPLE:

15.18.4.4.1.1. MOVE 'FORBIS' TO NAME;

15.18.4.4.1.2. MOVE LENGTH(NAME) TO NAME-LEN;

15.18.4.4.1.3. MOVE NAME & ' HAS ' & NAME-LEN & ' LETTERS ' TO PL;

15.18.4.4.1.4. PRINT PL;

15.18.4.4.1.5. (PL would equate to "FORBIS HAS 6 LETTERS")

15.18.5. Spaces Function.

15.18.5.1. Function. Generates specified number of spaces.

15.18.5.2. Skeleton.

**Figure 15.19. SPACES Skeleton.****SPACES (expression)**

15.18.5.3. Syntax Rules. None; the syntax is fully defined in the skeleton.

15.18.5.4. General Rules. The expression must resolve to a positive whole number or a string not exceeding 132. The string will be automatically converted to a numeric item internally. If conversion cannot take place, an error will occur.

15.18.5.4.1. EXAMPLE:

15.18.5.4.1.1. MOVE SPACES(132) TO PRINT-LINE;

15.18.5.4.1.2. (PRINT-LINE would contain 132 spaces)

15.18.6. Square Function.

15.18.6.1. Function. Calculates the square of a number.

15.18.6.2. Skeleton.

**Figure 15.20. SQUARE Skeleton.****SQUARE (expression)**

15.18.6.3. Syntax Rules. None; the syntax is fully defined in the skeleton.

15.18.6.4. General Rules. The expression must evaluate to a numeric value or a number in alphanumeric form. The string will be automatically converted to a numeric item internally. If conversion cannot take place, an error will occur.

15.18.6.5. Example.

15.18.6.5.1. MOVE SQUARE (2) TO FOUR;

15.18.6.5.2. (the contents of FOUR would be 4)

15.18.7. Square Root Function.

15.18.7.1. Function. Calculate the square root of a number.

15.18.7.2. Skeleton.

**Figure 15.21. ROOT Skeleton.**

ROOT (expression)

15.18.7.3. Syntax Rules. None; the syntax is fully defined in the skeleton.

15.18.7.4. General Rules. The expression must evaluate to a numeric value or a number in alphanumeric string form. The string will automatically be converted to a numeric item internally. If conversion cannot take place, an error will occur.

15.18.7.4.1. EXAMPLE:

15.18.7.4.1.1. MOVE ROOT (16) TO FOUR;

15.18.7.4.1.2. (the contents of FOUR would be 4)

15.18.8. Unpack Function.

15.18.8.1. Function. Internally converts the requested computational (packed binary) number from string format to SURGE internal numeric format.

15.18.8.2. Skeleton.

**Figure 15.22. UNPACK Skeleton.**

UNPACK (expression-1, expression-2)

15.18.8.3. Syntax Rules. None; the syntax is fully defined in the skeleton.

15.18.8.4. General Rules.

15.18.8.4.1. Expression-1 must evaluate to a string containing the packed binary data. Data in this form is from 1 to 7 characters, and is not in ASCII format. Therefore, it may not be printable. A one (1) character packed binary number will unpack to a 1-or 2-digit number, and will appear on a SCHEMA or COBOL file description as PIC 9(2) COMP. A two (2) character packed binary number will unpack to a 1 through 5 digit number, and will appear on a SCHEMA or COBOL file description as PIC 9(5) COMP. The following table defines all seven possibilities:

**Table 15.6. General Rules.**

<b>SIZE OF PACKED BINARY FIELD</b>	<b>MAXIMUM # OF UNPACKED DIGITS</b>	<b>SCHEMA OR COBOL</b>
1	2	PIC 9(2) COMP
2	5	PIC 9(5) COMP
3	7	PIC 9(7) COMP
4	10	PIC 9(10) COMP
5	13	PIC 9(13) COMP
6	15	PIC 9(15) COMP
7	18	PIC 9(18) COMP

15.18.8.4.2. Expression-2 must evaluate to a number from 0 through 7, and represents the positioning of the decimal point in the final number. Packed binary numbers do not have a decimal point. The SURGE user must adjust accordingly. If a packed field unpacks to 583 with 0 in expression-2, it will unpack to 5.83 with a 2 in expression-2.

15.18.8.4.2.1. EXAMPLES:

15.18.8.4.2.1.1. a. MOVE 205-MARK-FOR [10,14] TO PACKED-DATA;

15.18.8.4.2.1.2. MOVE UNPACK (PACKED-DATA , 0) TO #UNPACKED-DATA;

15.18.8.4.2.1.3. b. MOVE UNPACK (205-MARK-FOR [10,14] , 0) TO #UNPACKED-DATA;

15.18.8.4.2.1.4. c. MOVE UNPACK ('0' , 0) TO FORTY-NINE;

15.18.8.4.2.1.5. d. MOVE UNPACK (TOTAL-PENNIES , 2) TO #TOTAL-DOLLARS;

### ***Section 15J—Indexing***

15.18.9. Purpose. To explain Indexing and its uses.

15.18.10. Indexing. Indexing is a technique that allows data items containing similar data to have the same name. A look-up table is a good example. The individual items would be distinguished by including an index in parentheses immediately after the data name. In an example of the month table, a data item MONTH-TAB(1) might contain the data "JAN" while MONTH-TAB(12) might contain the data "DEC".

15.18.10.1. EXAMPLE:

15.18.10.1.1. TABLE(4)

15.18.10.1.2. A(2)

15.18.10.1.3. #B(25)

15.18.10.1.4. In order to tell SURGE the maximum size of a user-defined table, a DIMENSION statement is provided. The DIMENSION statement also identifies to SURGE which UDDN are tables.

15.18.10.2. EXAMPLE:

15.18.10.2.1. DIMENSION TABLE(15)

15.18.10.2.2. DIMENSION #A(3)

15.18.11. Syntax Rules.

15.18.11.1. An indexed UDDN must have been dimensioned or an error will occur.

15.18.11.2. A UDDN may not be dimensioned greater than 256.

15.18.11.3. A DBDN that contains an occurs clause in the schema does not need a dimension statement as they are automatically dimensioned by SURGE. These items must be referenced with indexing or an error will occur.

15.18.11.4. SDDN may not be indexed.

15.18.11.5. Literals may not be indexed.

15.18.11.6. A data name may not be partialized and indexed at the same time. An indexed item may be moved to a nonindexed item and then partialized, or a partial may be moved to an indexed item.

### ***Section 15K—Partialing***

15.18.12. Purpose. To define partials and their uses.

15.18.13. Partials. Partials define part of a data item. If an alphanumeric data item is 25 characters and characters 8 through 15 are desired, they may be specified and pulled out.

15.18.13.1. EXAMPLE:

15.18.13.1.1. If DATA-NAME contained "NOW IS THE TIME FOR ALL.." DATA-NAME[8,15] evaluates to "THE TIME".

15.18.14. Syntax Rules.

15.18.14.1. Literals cannot be partialized.

15.18.14.2. UDDN.

15.18.14.2.1. Numeric-UDDN items (beginning with "#") cannot be partialized.

15.18.14.2.2. Alphanumeric-UDDN items can be partialized even if they contain numbers.

15.18.14.3. SDDN can be partialized.

15.18.14.4. DBDN can be partialized. PIC 9 COMP fields are numbers in binary form and can, for instance, represent a 10-digit decimal number in only four character positions. Therefore, PIC 9 COMP fields are converted to DISPLAY (expanded) form before being



partialled. Unpredictable results may occur if an attempt is made to partial a schema defined group item containing PIC 9 COMP fields.

15.18.14.5. Indexed data names may not be partialled. An indexed item may be moved to a nonindexed item and then partialled, or a partial may be moved to an indexed item.

### **15.19. Condition Names.**

15.19.1. Purpose. To define Condition Names.

15.19.2. Condition Names. When a decision has to be made, a test could be performed such as does  $A = B$ . The answer would be TRUE or FALSE. When a condition name is referenced, SURGE makes the test and then makes available the TRUE or FALSE. FALSE is always represented by 0, TRUE is represented by every other value, positive or negative. Therefore, the value one (1) also represents TRUE.

15.19.2.1. DEFAULT is always TRUE, value one (1). This condition name may be used as the test of the last "OR" in a choice construct. If all other tests fail, DEFAULT will force this selection to process.

15.19.2.1.1. EXAMPLE:

15.19.2.1.1.1. DECIDE: CHOOSE SD = 'A1'

15.19.2.1.1.2. DO PROCESS1;

15.19.2.1.1.3. DECIDE: OR SD = 'A2'

15.19.2.1.1.4. DO PROCESS2;

15.19.2.1.1.5. DECIDE: OR DEFAULT

15.19.2.1.1.6. DO PROCESS-OTHERS;

15.19.2.1.1.7. DECIDE: END

15.19.2.2. END-OF-FILE. The test "\$STATUS = '9'" is performed, and if true, END-OF-FILE is given a value of one (1) (TRUE) or else it is given a value of zero (0) (FALSE).

15.19.2.3. NO-FIND. The test "\$STATUS = '8'" is performed and if true, NO-FIND is given a value of one (1) (TRUE) or else it is given a value of zero (0) (FALSE).

15.19.3. Syntax Rules.

15.19.3.1. Can be used in any expression.

15.19.3.2. Cannot be partialled or indexed.

### ***Section 15L—Separators***

### **15.20. Separators.**

15.20.1. Purpose. To define separators.

15.20.2. Separators. In most cases, words are separated by spaces in the SURGE language. Words are recognized as words by both the programmers and the SURGE compiler because of the spaces. In expressions, several more separators are required. The complete list is:

15.20.2.1. ^	space
15.20.2.2. ,	comma
15.20.2.3. (	left parenthesis
15.20.2.4. )	right parenthesis
15.20.2.5. [	left bracket
15.20.2.6. ]	right bracket
15.20.2.7. ;	semicolon

15.20.3. General Rules. The space (^) separator carries no special meaning except to separate words or symbols; therefore, it may be repeated as desired. All the other separators carry a special meaning and may not be used or repeated out of context.

### ***Section 15M—Space***

15.20.4. Purpose. To define SPACES.

15.20.5. Space. "^". Separates words.

15.20.5.1. EXAMPLE:

**Figure 15.23. Space Example No 1.**

```
MOVE COST TO PRINT-LINE ;
MOVE COST TO PRINT-LINE ;
```

15.20.5.1.1. Also separates other separators or separates separators from words.

15.20.5.2. EXAMPLE:

**Figure 15.24. Space Example No 2.**

```
(( -vs- ( (
or      (( -vs- ( (

      ROOT(A) -vs- ROOT ( A )
or      ROOT(A) -vs- ROOT ( A )

((A + B) * 3) -vs- ( ( A + B ) * 3 )
or ((A + B) * 3) -vs- ( ( A + B ) * 3 )
```

### ***Section 15N—Comma***

15.20.6. Purpose. To explain the use of the COMMA in SURGE.

15.20.7. Comma (“,”). The comma separates operands in functions, partials, or indexed database items.

15.20.7.1. EXAMPLES:

15.20.7.1.1. DAYS-DIFFERENCE (A,84056)

15.20.7.1.2. A[2,16]

15.20.7.1.3. 001-COMP-ENTR(2,3)

15.20.8. Syntax Rules.

15.20.8.1. May be preceded or followed by spaces.

15.20.8.2. May be used freely within an alphanumeric literal where it does not act as a separator.

***Section 150—Left and Right Parentheses***

15.20.9. Purpose. To define the purpose of the parentheses.

15.20.10. Left and Right Parentheses "( )". Parentheses do three things:

15.20.10.1. They enclose, and thereby, define the operands in a function:

15.20.10.1.1. EXAMPLE:

15.20.10.1.1.1. ROOT(A)

15.20.10.1.1.1.1. DAYS-DIFFERENCE(A, B)

15.20.10.2. They enclose, and thereby, define the index in an indexed data name.

15.20.10.2.1. EXAMPLE:

15.20.10.2.1.1. SRAN(C)

15.20.10.2.1.2. TABLE-ENTRY(25)

15.20.10.3. They control the order of processing in an expression. All items in parentheses are resolved first, followed by any items outside the parentheses. All items within multiple parentheses are resolved from the innermost parentheses first to the outermost parentheses and then to any items outside the parentheses.

15.20.10.3.1. EXAMPLE:

15.20.10.3.1.1. (A + B) \* (C + D) will not resolve the same as A + B \* C + D.

15.20.11. Syntax Rules.

15.20.11.1. Parentheses may be preceded or followed by spaces.

15.20.11.2. Parentheses may be freely used within an alphanumeric literal but do not affect the order of evaluation of an expression containing such a literal.

15.20.11.3. For every opening parenthesis, "(", there must be a closing parentheses, ")".

***Section 15P—Left and Right Brackets***

15.20.12. Purpose. To define brackets.

15.20.13. Left and Right Brackets "[ ]". Brackets enclose and thereby, define the operands in partials.

15.20.13.1. EXAMPLE:

15.20.13.1.1. A[1,3]

15.20.13.1.2. B[FROM,TO]

15.20.14. Syntax Rules.

15.20.14.1. May be preceded or followed by spaces.

15.20.14.2. May be used freely within an alphanumeric literal where they do not act as separators.

***Section 15Q—Operators*****15.21. Operators.**

15.21.1. Purpose. To define Operators as used in SURGE.

15.21.2. Operators. All expressions are comprised of operands and operators. Operands are those data items operated upon. In the expression "A + B", "A" and "B" are operands. Operators tell what is to be done to the operands. In the expression "A + B", "+" is the operator. Operators range from the familiar arithmetic operators (plus, minus, times, divide) to the less familiar logical and concatenation operators.

15.21.3. Arithmetic Operators. Arithmetic operators work on numeric value items and on numbers in alphanumeric string form. Internal conversion occurs automatically. If conversion is not possible, an error will occur.

15.21.3.1. Addition (+). Adds two operands together, and places the result on an internal stack.

15.21.3.1.1. EXAMPLE:

15.21.3.1.1.1. A + 5

15.21.3.2. Subtraction (-). Subtracts second operand from first operand, and places the result on an internal stack.

15.21.3.2.1. EXAMPLE:

15.21.3.2.1.1. B - C

15.21.3.3. Multiplication (\*). Multiplies two operands together, and places the result on an internal stack.

15.21.3.3.1. EXAMPLE:

15.21.3.3.1.1. B \* 2

15.21.3.4. Division (/). Divides first operand by second operand, and places the result on an internal stack.

15.21.3.4.1. EXAMPLE:

15.21.3.4.1.1. B / 2

15.21.4. Relational Operators. Compares two operands and returns one (1) (TRUE) if the specified condition exists or zero (0) (FALSE) if the specified condition is not found. The result (0 or 1) is placed on an internal stack and the internal true/false flag is set. Both operands must be the same class; that is, numeric or alphanumeric string.

15.21.4.1. EQUAL, =

15.21.4.1.1. EXAMPLE:

15.21.4.1.1.1. A = B

15.21.4.2. NOT EQUAL, <>

15.21.4.2.1. EXAMPLE:

15.21.4.2.1.1. A <> B

15.21.4.3. LESS THAN, <

15.21.4.3.1. EXAMPLE:

15.21.4.3.1.1. A < B

15.21.4.4. GREATER THAN, >

15.21.4.4.1. EXAMPLE:

15.21.4.4.1.1. A > B

15.21.4.5. LESS THAN OR EQUAL TO, <=

15.21.4.5.1. EXAMPLE:

15.21.4.5.1.1. A <= B

15.21.4.6. EQUAL TO OR GREATER THAN, =>

15.21.4.6.1. EXAMPLE:

15.21.4.6.1.1. A => B

15.21.5. Logical Operators. Logical operators work on numeric value items and numbers in alphanumeric string form. Internal conversion occurs automatically. If conversion is not possible, an error will occur.

15.21.5.1. NOT. The NOT operator inverts the value of the following operand from TRUE to FALSE or vice versa. If an operand has a value of zero (FALSE) the result will become one (TRUE). If an operand has a value other than zero, such as 1, -2, +8, 15, etc., (TRUE), the result will become zero (FALSE). The result (1 or 0) is placed on an internal stack and the internal TRUE/FALSE FLAG is set.

15.21.5.1.1. EXAMPLE:

15.21.5.1.1.1. NOT A

15.21.5.1.1.2. NOT A = B

15.21.5.2. AND. Compares two operands to determine if both are TRUE (not zero).

15.21.5.2.1. EXAMPLE:

15.21.5.2.1.1. A AND B

15.21.5.2.1.2. A > B AND A > C

15.21.5.3. OR. Compares two operands to determine if one of them is TRUE (not zero).

15.21.5.3.1. EXAMPLE:

15.21.5.3.1.1. A OR B

15.21.5.3.1.2. D < E OR F = 2

15.21.6. Concatenation (&). It is sometimes desirable to build a longer string out of two or more shorter strings. One use is to construct print lines. The concatenation symbol (&) operates on two operands. The operands must contain alphanumeric strings, representing either alphabetic or numeric data. An attempt to concatenate a numeric value item into a string will result in the numeric value item being automatically converted into a string before concatenation. The resultant string is placed on an internal stack.

15.21.6.1. EXAMPLE:

15.21.6.1.1. A & B

15.21.6.1.2. PAGE NO., & PG-CNT

15.21.7. Unary Minus (-). The unary minus inverts the sign of numeric-value items or numbers in alphanumeric string form, from plus (+) to minus (-) and vice versa. It works on the operand following it. Remember, the minus is not a separator and therefore must be preceded and followed by a space or other separator. The result is placed on an internal stack.

15.21.7.1. EXAMPLE:

15.21.7.1.1. - B

15.21.7.1.2. - (2 + B)

15.21.7.1.3. B \* (- A)

15.21.7.1.4. B \* (- (A) )

15.21.8. Function Operators. Functions are both operators and function operators (see functions).

15.21.9. General Note For Operand of Operators. In the examples above, each expression was represented in its most simple form. In the expression "A + B = C \* D" there are 3 operators (+, =, \*). Each of these 3 operators can work on two and only two operands each. The plus (+) works on "A" and "B" giving an intermediate result. The multiplication (\*) works on "C" and "D" giving a second intermediate result. No operator in this example works on more than two operands. This principle must be kept in mind when studying the above examples. The intermediate results are stored on an internal stack until needed.

***Section 15R—Operators Precedence***

15.21.10. Purpose. To define Operator Precedence.

15.21.11. Operator Precedence. Expressions are comprised of operands and operators which work upon the operands.

15.21.11.1. EXAMPLE:

15.21.11.1.1.  $A + B * C - 2$

15.21.11.1.2. This example has three operators. The order in which the operations occur is determined by two things: (1) parentheses, and (2) operator precedence.

15.21.12. Overriding Operator Precedence. The order in which SURGE evaluates expressions can be changed by using parentheses. Operations within parentheses are performed first. If more than one set of parentheses is present, SURGE evaluates them from left to right. Parentheses can be nested within parentheses. SURGE will evaluate the innermost set first, then the next innermost, proceeding to the outermost set. Parentheses may be nested to any level and used freely to clarify the order of operations within an expression. The SURGE compiler can detect and will indicate when an expression becomes too large or complex. This would be caused by the physical limitations of the computer, not the evaluation technique and should be a rare occurrence.

15.21.13. Precedence. All operators have a precedence which determines the order in which they are processed. For example; multiplication (\*) has a higher precedence than plus. In the expression " $2 + 3 * 4$ ", the " $3 * 4$ " will evaluate to 12 and then the 2 will be added to 12 giving 14. This illustrates the rule that operators with the higher precedence will evaluate first. Plus (+) and minus (-) have the same precedence and process in sequence. In the example " $2 + 3 - 4$ ", the " $2 + 3$ " is evaluated first giving 5, and then 4 is subtracted from 5 giving 1. This illustrates the rule that operators of the same precedence are evaluated from left to right. The details of each operator are best expressed in table form. Please refer to Table of Precedence.

***Section 15S—Legend for Table of Precedence***

15.21.14. Purpose. To define items in Table of Precedence ([Table 15.7](#)).

15.21.15. Column 1 - Type of Operator. This column displays the name of the type of operator.

15.21.15.1. AN-Function. Alphanumeric function. See functions for complete description.

15.21.15.2. N-Function. Numeric function. See functions for complete description.

15.21.15.3. Unary Minus. Inverts numeric sign of numeric-value item.

15.21.15.4. Concatenation. Combines two shorter strings into a single longer string. See operators for complete description.

15.21.15.5. Arithmetic. Effects simple mathematics. See operators for complete description.

15.21.15.6. Relational. Evaluates relationships between variables such as less than, equal to, and greater than. See operators for complete description.

15.21.15.7. Logical. These are also referred to as Boolean operators. See operators for complete details.

15.21.16. Column 2 - Precedence. This column contains the actual precedence number which is used to determine the order of processing not otherwise modified by parentheses. Precedence 9 is reserved for expansion. Operators with a higher precedence are processed first.

15.21.17. Column 3 - Operator/Function. This column contains the actual symbol or name that SURGE will recognize as the operator. Some items are both operators and functions; these are referred to as functions.

15.21.18. Columns 4 and 5 - Class, Input/Output. These two columns specify the class of data that each operator can operate upon, and the class of data that the operation will output.

15.21.18.1. ANS. Alphanumeric string. This class is a string of characters, including a string which looks like a number.

15.21.18.2. NV. Numeric value. This class is a number that can be used efficiently in a mathematical process.

15.21.19. Column 6 - # of Operands. This column specifies the number of operands which each operator acts upon. If the number of operands is one (1), the operator is said to be either a unary operator or a unary function. If the number of operands is two (2), the operator is said to be either a binary operator or a binary function.

### ***Section 15T—Table of Precedence***

15.21.20. Purpose. To present Table of Precedence.

**Table 15.7. Table of Precedence.**

1	2	3	4	5	6
			<b>CLASS</b>		
<b>OPERATOR</b>	<b>PRECEDENCE</b>	<b>OPERATOR/ FUNCTION</b>	<b>INPUT</b>	<b>OUTPUT</b>	<b># OF OPERANDS</b>
AN-function	10	SPACES	Note 3	ANS	1
B-function	10	PACK	NV	Note 4	2
N-function	10	UNPACK	Note 4	NV	2
N-function	10	DAYS- DIFFERENCE	ANS	NV	2
N-function	10	SQUARE	Note 3	NV	1
N-function	10	ROOT	Note 3	NV	1



N-function	10	LENGTH	ANS	NV	1
Unary Minus			Note 3	NV	1
Concatenation	7	&	Note 1	ANS	2
Arithmetic	6	*	Note 3	NV	2
Arithmetic	6	/	Note 3	NV	2
Arithmetic	5	+	Note 3	NV	2
Arithmetic	5	-	Note 3	NV	2
Relational	4	=	Note 2	NV	2
Relational	4	<>	Note 2	NV	2
Relational	4	<	Note 2	NV	2
Relational	4	>	Note 2	NV	2
Relational	4	<=	Note 2	NV	2
Relational	4	=>	Note 2	NV	2
Logical	3	NOT	Note 3	NV	1
Logical	2	AND	Note 3	NV	2
Logical	2	OR	Note 3	NV	2

**Notes:**

1. ANS. NV will be automatically converted to ANS before the operation is performed.
2. ANS or NV. Both input operands must be the same class or an error will occur.
3. NV. ANS will be automatically converted to NV, if possible, before operation is performed. If conversion is impossible, an error will occur.
4. ANS. This is really numeric data in pure binary form. Some values appear to be alphanumeric data while others appear to be special characters or even unprintable garbage. This data can be moved around as if it were an alphanumeric string.

**15.22. The Expression Construction.**

15.22.1. Purpose. To define the EXPRESSION.

15.22.1.1. Function. Expressions cause data items to work upon data items under the control of operators. Therefore, expressions are just that. They are expressions of what is to happen with the data items specified in the expression.

15.22.1.1.1. EXAMPLE:

15.22.1.1.1.1.  $A * (B + C)$

15.22.1.1.1.2. This says, add B and C and then multiply the result by A. This expression does not say what to do with the result, just to calculate it. What is done with the result is determined by the SURGE construct or SURGE verb phrase in

which it appears. The expression construction is best described in three forms, simple, intermediate, and compound. Each of these three forms has its own skeleton.

#### 15.22.1.2. Skeleton.

##### 15.22.1.2.1. Simple Expression. (sim-exp)

**Figure 15.25. Simple Expression Skeleton.**

$$[(\left\{ \begin{array}{l} \text{data-name} \\ \text{literal} \\ \text{condition-name} \end{array} \right\} )]$$

##### 15.22.1.2.2. Intermediate Level Expression. (int-exp).

**Figure 15.26. Intermediate Expression Skeleton.**

$$[(\left\{ \begin{array}{ll} \text{simp-exp binary-operator} & \text{simp-exp} \\ & \text{unary-operator simp-exp} \\ & \text{unary-function (simp-exp)} \\ & \text{binary-function (simp-exp, simp-exp)} \end{array} \right\} )]$$

##### 15.22.1.2.3. Compound Expression. (comp-exp)

**Figure 15.27. Compound EXPRESSION Skeleton.**

$$[(\left\{ \begin{array}{lll} \left\{ \begin{array}{l} \text{simp-exp} \\ \text{int-exp} \\ \text{comp-exp} \end{array} \right\} & \text{binary-operator} & \left\{ \begin{array}{l} \text{simp-exp} \\ \text{int-exp} \\ \text{comp-exp} \end{array} \right\} \\ \text{unary-operator} & \left\{ \begin{array}{l} \text{simp-exp} \\ \text{int-exp} \\ \text{comp-exp} \end{array} \right\} & \\ \text{unary-function} & ( \left\{ \begin{array}{l} \text{simp-exp} \\ \text{int-exp} \\ \text{comp-exp} \end{array} \right\} ) & \\ \text{binary-function} & ( \left\{ \begin{array}{l} \text{simp-exp} \\ \text{int-exp} \\ \text{comp-exp} \end{array} \right\} , \left\{ \begin{array}{l} \text{simp-exp} \\ \text{int-exp} \\ \text{comp-exp} \end{array} \right\} ) & \end{array} \right\} )]$$

##### 15.22.1.3. Syntax Rules. None; the syntax is fully defined in the skeleton.

## 15.22.1.4. General Rules.

15.22.1.4.1. The class of the data output from an expression is determined by the last operation performed. The two classes are alphanumeric string (ANS) or numeric value (NV).

## 15.22.1.4.1.1. EXAMPLE:

15.22.1.4.1.1.1. (NAME IS & NAMEFIELD) = B

15.22.1.4.1.1.2. The literal NAME IS would be concatenated with the name in NAMEFIELD producing an ANS. That ANS would be compared with the contents of B producing a numeric value one (TRUE) or zero (FALSE). The class of data output from this expression would be numeric value.

15.22.1.4.2. Some expressions can get too complicated because of the limited number of internal registers. If SURGE does not give the warning "expression too complex", it will evaluate correctly.

15.22.1.4.3. All operators may be combined in one expression. There are no combinations of operators in an expression that are invalid.

## 15.22.1.4.3.1. EXAMPLE:

15.22.1.4.3.1.1. #A = #B = #C is valid but tricky

15.22.1.4.3.1.2. (A OR B) + 2 is valid

15.22.1.4.3.1.3. ROOT(C \* D(2)/(1 + B)) is valid

15.22.1.4.4. Since automatic conversion between ANS and NV, or NV and ANS occurs for intermediate values in some expressions, care must be exercised when writing them because although any NV can be converted to an ANS, not every ANS can be converted to an NV.

15.22.1.4.5. Notice that simple expressions can be part of intermediate-level expressions and that simple, intermediate level, and complex expressions can be included in complex expressions. This allows for expressions as complex or as simple as the programmer wishes to use.

***Section 15U—Program Constructs*****15.23. Program Constructs.**

15.23.1. Purpose. To define program constructs in general.

15.23.2. Program Constructs. The program construct is a syntactically correct and complete string of words beginning with a program construct name, a word identifying the type of program construct (SEQUENCE, CHOOSE, OR, REPEAT, ASSUME) and ending with the same program construct name and the key word END. A program construct tells the SURGE program when to do something. Program constructs and verb phrases can be nested within program constructs. There are four types of program constructs: sequential, choice, repetition, and assumption/admission.

***Section 15V—Sequential Construct***

15.23.3. Purpose. To define the Sequential Construct.

15.23.3.1. Function. This construct is used to execute unconditionally, a series of verb phrases and program constructs in the order they appear.

15.23.3.2. Skeleton.

15.23.3.2.1. construct-name: SEQUENCE

15.23.3.2.2. construct-body

15.23.3.2.3. construct-name: END

15.23.3.3. Syntax Rules.

15.23.3.3.1. Both construct-names must be the same.

15.23.3.3.2. There are no spaces between the construct-names and the colons. There is at least one space following the colons.

15.23.3.3.3. The construct-body is made up of one or more syntactically correct and complete verb phrases and program constructs.

15.23.3.3.3.1. EXAMPLE 1:

15.23.3.3.3.1.1. SAMPLE-PGM: SEQUENCE

15.23.3.3.3.1.2. FORMAT OFF;

15.23.3.3.3.1.3. MOVE 'SAMPLE PROGRAM' TO PL;

15.23.3.3.3.1.4. PRINT PL;

15.23.3.3.3.1.5. SAMPLE-PGM: END

15.23.3.3.3.2. EXAMPLE 2:

15.23.3.3.3.2.1. ANOTHER-PGM: SEQUENCE

15.23.3.3.3.2.2. PREP: SEQUENCE

15.23.3.3.3.2.3. FORMAT OFF;

15.23.3.3.3.2.4. PREP: END

15.23.3.3.3.2.5. MOVE 'ANOTHER SAMPLE PROGRAM' TO OUT-LINE;

15.23.3.3.3.2.6. PRINT OUT-LINE;

15.23.3.3.3.2.7. ANOTHER-PGM: END

***Section 15W—Choice Construct***

15.23.4. Purpose. To define the Choice Construct.

15.23.4.1. Function. This construct is used to execute none or one of many of a possible series of verb phrases and program constructs.

15.23.4.2. Skeleton.

**Figure 15.28. CHOOSE Skeleton.**

```

construct-name: CHOOSE expression-1

    construct-body-1

[ construct-name: OR [ { expression-2 }
    construct-body-2 ] . . .

construct-name: END

```

#### 15.23.4.3. Syntax Rules.

15.23.4.3.1. All construct-names must be the same.

15.23.4.3.2. There are no spaces between the construct-names and the colons. There is at least one space following the colons.

15.23.4.3.3. The construct-bodies are made up of zero or more syntactically correct and complete verb phrases and program constructs.

15.23.4.3.4. The syntax rules for expressions are defined in the paragraph on expressions.

#### 15.23.4.4. General Rules.

15.23.4.4.1. The expressions can be thought of as conditions which can be true or false. For example, the expression  $A = B$  is considered true if A equals B, false if A does not equal B. During execution, the expressions will be scanned until one is found that is true. The construct-body that immediately follows that expression will be executed. All other construct-bodies are skipped.

15.23.4.4.2. If none of the expressions are found to be true, nothing will be executed.

15.23.4.4.3. If DEFAULT is coded in place of the second or subsequent expressions, that condition is always assumed to be true. For this reason, if DEFAULT is used in place of an expression other than the last condition, all subsequent conditions become meaningless, and their associated construct bodies will never be executed.

15.23.4.4.3.1. EXAMPLE 1: (see general rules in paragraphs below)

15.23.4.4.3.1.1. DECISION: CHOOSE SD = '01'

15.23.4.4.3.1.2. DO PROC-01;

15.23.4.4.3.1.3. DECISION: OR SD = 'A1'

15.23.4.4.3.1.4. DO PROC-A1;

15.23.4.4.3.1.5. DECISION: END

15.23.4.4.3.2. EXAMPLE 2: (see general rule in paragraph below)

- 15.23.4.4.3.2.1. SEL: CHOOSE SD = '01'
- 15.23.4.4.3.2.2. % see syntax rule in paragraph below (do nothing for SD = 01)
- 15.23.4.4.3.2.3. SEL: OR DEFAULT
- 15.23.4.4.3.2.4. DO PROC-OTHER-SD;
- 15.23.4.4.3.2.5. SEL: END
- 15.23.4.4.3.3. EXAMPLE 3: (see syntax rule in paragraph below)
  - 15.23.4.4.3.3.1. B: CHOOSE NOT END-OF-FILE
  - 15.23.4.4.3.3.2. DO PROC-ALL-REC;
  - 15.23.4.4.3.3.3. B: OR GOOD-END-OF-FILE
  - 15.23.4.4.3.3.4. DO NORMAL-EOJ;
  - 15.23.4.4.3.3.5. B: OR #REC-CNT < 5
  - 15.23.4.4.3.3.6. DO NOT-ENOUGH-DATA;
  - 15.23.4.4.3.3.7. B: END

### ***Section 15X—Repetition Construct***

15.23.5. Purpose. To define the Repetition Construct.

15.23.5.1. Function. To execute a series of verb phrases and program constructs zero or more times.

15.23.5.2. Skeleton.

**Figure 15.29. REPEAT Skeleton.**

```
construct-name: REPEAT [ { UNTIL expression-1
                           WHILE expression-2
                           integer-expression TIMES } ]
construct-body
construct-name: END
```

15.23.5.3. Syntax Rules.

15.23.5.3.1. Both construct-names are the same.

15.23.5.3.2. There are no spaces between the construct-names and the colons (:). There is at least one space following the colons.

15.23.5.3.3. The construct-body is one or more syntactically correct and complete verb phrases and program constructs.

15.23.5.4. General Rules.

15.23.5.4.1. The construct-body will be executed repetitively until one of the following conditions is met:

15.23.5.4.2. The condition specified in the UNTIL clause is true, or

15.23.5.4.3. The condition specified in the WHILE clause is false, or

15.23.5.4.4. The construct body has been executed the number of times specified in the TIMES clause.

15.23.5.5. The above conditions are checked before the first execution of the construct-body. It is, therefore, possible not to execute the construct-body at all.

15.23.5.6. The integer-expression must be an expression that resolves to a non-negative integer value; otherwise an error will result.

15.23.5.7. The integer-expression is evaluated once before the first (if any) execution of the construct-body. This integer value will determine the number of executions of the construct-body regardless of changes to the values of any data names used in the integer-expression.

15.23.5.8. If no UNTIL, WHILE, or TIMES clause is specified, the construct-body execution will be repeated indefinitely until a STOP verb terminates the program or a QUIT verb (for an assumption construct in which the repetition is nested) is executed.

#### 15.23.6. Examples.

##### 15.23.6.1. EXAMPLE 1:

15.23.6.1.1. FORMAT OFF;

15.23.6.1.2. DB-READ 101/ITEM-RECORD SEQUENTIALLY;

15.23.6.1.3. IEX-CHECK: REPEAT 100 TIMES

15.23.6.1.4. WANTED: CHOOSE 101-ISSUE-EXCPTN-FLG = 'E'

15.23.6.1.5. MOVE 101-STOCK-NUMBER TO PL;

15.23.6.1.6. PRINT PL;

15.23.6.1.7. WANTED: END

15.23.6.1.8. DB-READ 101/ITEM-RECORD SEQUENTIALLY;

15.23.6.1.9. IEX-CHECK: END

15.23.6.1.10. **(The previous example would execute the IEX-CHECK 100 times.)**

##### 15.23.6.2. EXAMPLE 2:

15.23.6.2.1. FORMAT OFF;

15.23.6.2.2. DB-READ 101/ITEM-RECORD SEQUENTIALLY;

15.23.6.2.3. FC-CHECK: REPEAT UNTIL \$STATUS <> '0'

15.23.6.2.4. FROZEN: CHOOSE 101-FREEZE-CODE = 'L'

15.23.6.2.5. MOVE 101-STOCK-NUMBER TO PL;

- 15.23.6.2.6. PRINT PL;
- 15.23.6.2.7. FROZEN: END
- 15.23.6.2.8. DB-READ 101/ITEM-RECORD SEQUENTIALLY;
- 15.23.6.2.9. FC-CHECK: END
- 15.23.6.2.10. (This example would continue reading Item Records until other than a successful DB-READ; that is, END OF FILE or RECORD NOT FOUND.)

15.23.6.3. EXAMPLE 3:

- 15.23.6.3.1. MAIN-PGM: SEQUENCE
- 15.23.6.3.2. FORMAT OFF;
- 15.23.6.3.3. REPETITION: REPEAT WHILE \$LINES-PRINTED <= 66
- 15.23.6.3.4. MOVE 'ABCDEFGHJKLMNOPQRSTUVWXYZ' TO PL;
- 15.23.6.3.5. PRINT PL;
- 15.23.6.3.6. REPETITION: END
- 15.23.6.3.7. MAIN-PGM: END

**Section 15Y—Assumption/Admission Construct**

15.23.7. Purpose. To define the Assumption/Admission Construct.

15.23.7.1. Function. This construct is used to execute one of two possible series of verb phrases and program constructs. This construct differs from the choice construct in three ways:

- 15.23.7.1.1. There are only two choices.
- 15.23.7.1.2. There is no condition to be checked as part of the construct to determine which of the two series of verb phrases and program constructs is to be executed.
- 15.23.7.1.3. The first series of verb phrases and program constructs (the "ASSUME" leg) is always executed until the program determines it should have executed the second series of verb phrases and program constructs (the "ADMIT" leg). The Admit leg is then executed. This construct is particularly useful when editing for valid data. That is, the data is "assumed" to be valid until the program is forced to "admit" that the data is invalid.

15.23.7.2. Skeleton.

- 15.23.7.2.1. construct-name: ASSUME
- 15.23.7.2.2. construct-body-1
- 15.23.7.2.3. construct-name: ADMIT
- 15.23.7.2.4. construct-body-2
- 15.23.7.2.5. construct-name: END



## 15.23.7.3. Syntax Rules.

15.23.7.3.1. All three construct-names are the same.

15.23.7.3.2. There are no spaces between the construct-names and the colons (:). There is at least one space following the colons.

15.23.7.3.3. The construct-bodies are made up of one or more syntactically correct and complete verb phrases and/or program constructs.

## 15.23.7.4. General Rules.

15.23.7.4.1. Construct-body-1 will be executed until a QUIT verb is executed at which time execution of construct-body-1 will stop and construct-body-2 will be executed. If a QUIT verb is not executed as part of construct-body-1, then construct-body-1 will be executed completely and construct-body-2 will be skipped.

15.23.7.4.2. A QUIT verb should be included within construct-body-1 (usually within a nested choice construct) or within a subroutine called by it in order for the assumption/admission construct to be meaningful.

## 15.23.7.4.2.1. EXAMPLE 1:

15.23.7.4.2.1.1. IR-TEST: SEQUENCE

15.23.7.4.2.1.2. A: ASSUME % GOOD ITEM RECORD FILE

15.23.7.4.2.1.3. DB-READ 101/ITEM-RECORD SEQUENTIALLY;

15.23.7.4.2.1.4. B: REPEAT UNTIL END-OF-FILE

15.23.7.4.2.1.5. C: CHOOSE 101-SYSTEM-DESIGNATOR = '01'

15.23.7.4.2.1.6. OR 101-SYSTEM-DESIGNATOR = 'A1'

15.23.7.4.2.1.7. OR 101-SYSTEM-DESIGNATOR = 'A2'

15.23.7.4.2.1.8. OR 101-SYSTEM-DESIGNATOR = 'B9'

15.23.7.4.2.1.9. MOVE 1 + #GOOD-IR-CNT TO #GOOD-IR-CNT;

15.23.7.4.2.1.10. C: OR DEFAULT

15.23.7.4.2.1.11. QUIT A;

15.23.7.4.2.1.12. C: END

15.23.7.4.2.1.13. DB-READ 101/ITEM-RECORD SEQUENTIALLY;

15.23.7.4.2.1.14. B: END

15.23.7.4.2.1.15. PRINT 'THERE ARE' #GOOD-IR-CNT 'ITEM-RECORDS'

15.23.7.4.2.1.16. A: ADMIT % BAD ITEM RECORD FILE

15.23.7.4.2.1.17. PRINT 'THE ITEM RECORDS ARE BAD';

15.23.7.4.2.1.18. MOVE 'ITEM RECORD #' & (#GOOD-IR-CNT + 1)

15.23.7.4.2.1.19. & 'IS NOT AN 01, A1, A2, B9.' TO PL;

15.23.7.4.2.1.20. PRINT PL;  
15.23.7.4.2.1.21. A: END  
15.23.7.4.2.1.22. IR-TEST: END  
15.23.7.4.2.2. EXAMPLE 2:  
15.23.7.4.2.2.1. A: ASSUME  
15.23.7.4.2.2.2. MOVE 1 TO #I;  
15.23.7.4.2.2.3. B: REPEAT 25 TIMES  
15.23.7.4.2.2.4. C: CHOOSE 105-STOCK-NUMBER (#I) = SPACES (15)  
15.23.7.4.2.2.5. QUIT A;  
15.23.7.4.2.2.6. C: END  
15.23.7.4.2.2.7. MOVE 105-STOCK-NUMBER TO \$DISK-3-RCD [1, 15];  
15.23.7.4.2.2.8. WRITE DISK-3;  
15.23.7.4.2.2.9. B: END  
15.23.7.4.2.2.10. A: ADMIT  
15.23.7.4.2.2.11. A: END                      **Note:** This routine may be used to  
read all 25 stock numbers in an ISG record (105).

### ***Section 15Z—Verb Phrases***

#### **15.24. Verb Phrases.**

15.24.1. Purpose. To define the scope of the Verb Phrases.

15.24.2. Verb Phrases. The description of the verb phrases are broken down into six groups: database access, disk/tape input/output, other input/output, data manipulation, program execution control, and miscellaneous.

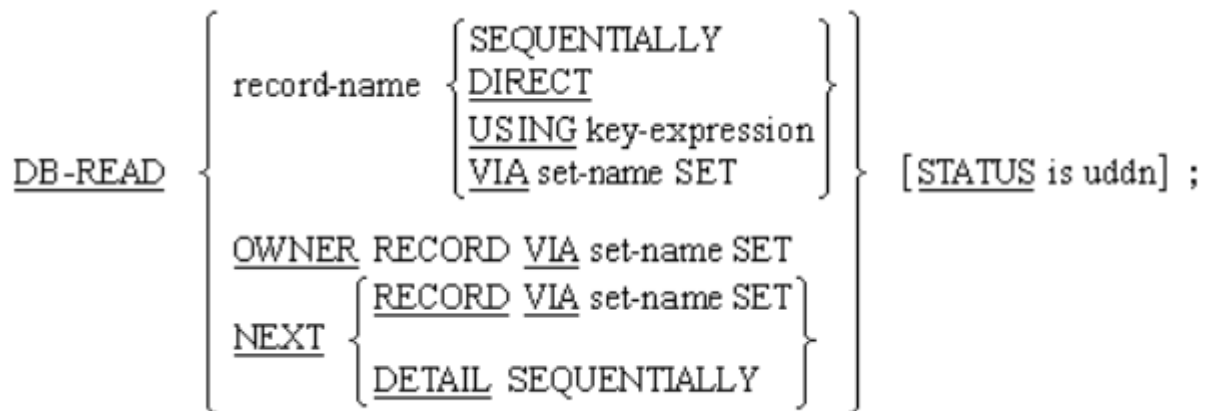
### ***Section 15AA—Database Access Verbs***

15.24.3. Purpose. To define the verbs that access the database.

15.24.4. DB-READ Verb.

15.24.4.1. Function. The DB-READ verb reads a record from the database and makes it available to the program.

15.24.4.2. Skeleton. General form.

**Figure 15.30. DB-READ Skeleton.****15.24.4.3. Syntax Rules.**

15.24.4.3.1. Database record-name and set-name must be the names of a record and a set within the SURGE processor's view of the database.

15.24.4.3.2. The word SEQUENTIALLY is not required. If neither VIA, USING, DIRECT, nor SEQUENTIALLY is specified, SEQUENTIALLY is assumed.

15.24.4.3.3. The USING clause can only be used if the specified record type can be accessed using a CALC key.

15.24.4.3.4. Key-expression is either an alphanumeric literal or an ANUDDN.

15.24.4.3.5. UDDN must be alphanumeric.

**15.24.4.4. General Rules.**

15.24.4.4.1. After a database read, the record read is said to be the current record being processed of its record type and of all sets in which it participates. Sometimes it can be referred to simply as the current record. When reading a record type sequentially or when reading a set, it is extremely important for the programmer to keep track of which record is current. Reading a record sequentially can affect currency in a set and reading a record via set can affect the current record for future sequential reads. If currency needs to remain the same in a set or for a record type after the read, the SAVE and RESTORE verbs can be used to reestablish the currency that existed before the read. For example, if an Item-Detail set is being scanned and after one of the Detail Records is read, the program needs to read another related Item Record, the pointer to the current record within the Item-Detail set will be destroyed unless it is SAVED before the Item Record read and RESTORED afterwards. (See SAVE and RESTORE verbs.)

15.24.4.4.2. After a read, the database record code will be available in SURGE-defined data item \$RECORD-CODE. If the record was a Detail Record the type detail code will be in \$TYPE-DETAIL; otherwise it will be blank. These features allow the program to determine which type of record was read when using the NEXT RECORD or NEXT DETAIL clauses.

15.24.4.4.3. Detail Records are read into the same memory space regardless of the type detail. Therefore, reading a Detail Record will overlay the previous record read. All other record types have their own memory space and reading any other record will only overlay records of the same type.

15.24.4.4.4. Using the NEXT RECORD VIA set-name option will cause the next record in the set (regardless of record type) to be read. The next record is the record to which the record currently being processed in the set points. If there is no next record in the set or if the current record points to the owner (e.g., a Detail Record points to an Item Record as the next record in the set) then an END-OF-FILE condition results and the current record remains the same.

15.24.4.4.5. Using the OWNER VIA set-name option will cause the owner record of the specified set to be read. For example, if the owner record is read via an Item-Detail set, then the Item Record which points to that current Detail Record is the one read.

15.24.4.4.6. Using the record-name VIA set-name option will cause the set to be scanned from the current record towards the end of the set looking for the first record encountered of the name specified. If one is found it is read. If one is not found before reaching the end of the set, or the owner record, an END-OF-FILE condition results and the current record remains the same.

15.24.4.4.7. When trying to find more than one detail record type in the same scan, use DB-READ NEXT RECORD VIA set-name and check \$RECORD-CODE to determine which record you have just read. This type of read will find all record types in a given area.

15.24.4.4.8. The USING clause reads the record of the type specified which contains, in its key field, a value equal to the key-expression. If no such record exists, a NO-FIND condition results.

15.24.4.4.9. Using the DIRECT clause requires that \$PAGE-NUM and \$RECORD-NUM be set to the 5-digit page number and record number of the record to be read. If these fields are not numeric an error results and the program is terminated. If they do not represent a valid page and record number of the specified record type, a NO-FIND condition occurs. If neither of the above conditions occur, then the DIRECT option will read the record of the specified record type that is at the location given in \$PAGE-NUM and \$RECORD-NUM.

15.24.4.4.10. The SEQUENTIALLY clause causes the next record within the database of the specified type to be read. If the NEXT DETAIL clause is also specified, then any Detail Record is considered to be of the specified type.

15.24.4.4.11. The result of the latest DB-READ executed is left in SURGE-defined data item \$STATUS. If the STATUS clause is used the result will also be left in the UDDN. Possible values for this status and the meanings are:

15.24.4.4.11.1. 0 - Successful completion

15.24.4.4.11.2. 8 - Record not found (NO-FIND)

15.24.4.4.11.3. 9 - End of file/set (END-OF-FILE)

15.24.4.4.11.4. For examples, refer to ACCESS/SURGE(0) handout.

15.24.4.4.11.5. When reading records where overflow of CALC chain occurs (that is, transaction history) use the following example:

15.24.4.4.11.6. A: SEQUENCE

15.24.4.4.11.7. DB-READ        901/TRANSACTION-HISTORY        USING  
010\*\*01450417;

15.24.4.4.11.8. B: REPEAT UNTIL \$STATUS <> '0'

15.24.4.4.11.9. PRINT 901-CALC-KEY ;

15.24.4.4.11.10. DB-READ        901/TRANSACTION-HISTORY        USING  
010\*\*01450417;

15.24.4.4.11.11. B: END

15.24.4.4.11.12. A: END

#### 15.24.5. RESTORE Verb.

15.24.5.1. Function. The Restore verb reestablishes a record as the current record being processed within the specified set (for reading VIA SET) or of the specified record type (for reading sequentially). The record is reread using the database location (database key) previously saved.

15.24.5.2. Skeleton.

**Figure 15.31. RESTORE Skeleton.**

```

OPEN { INPUT }
      { OUTPUT } file-name-1 USING { data-name-1 }
      { file-name-2 }

[ RECORD LENGTH IS integer-1 CHARACTERS ]
[ BLOCK LENGTH IS integer-2 RECORDS ] ;

```

#### 15.24.5.3. Syntax Rules.

15.24.5.3.1. Set-name and record-name are both DBDN and must specify either a set in which the record to be reread participates, or the correct record-name of that record.

15.24.5.3.2. UDDN must be an ANUDDN.

#### 15.24.5.4. General Rules.

15.24.5.4.1. After execution of the RESTORE verb the record specified by the database location (database key) in UDDN will be reread.

15.24.5.4.2. If the SET clause is specified, the record will be established as the current record being processed within that record set (set currency).

15.24.5.4.3. If the RECORD clause is specified, the record will be established as the current record being processed of that record type only (record currency).

15.24.5.4.4. If neither the SET nor RECORD clause are specified, the record will be established as the current record of its own record type and the current record being processed within all sets in which it participates (both record and set currency).

15.24.5.4.5. If either the SET or RECORD clause is specified and the record read does not participate in the specified set or is not of the specified record type then an error will occur and the program will terminate. UDDN must contain the location (database key) of a record in the database obtained from a previous SAVE command.

15.24.5.4.5.1. **EXAMPLE:**

15.24.5.4.5.1.1. See example in SAVE VERB, below.

15.24.6. SAVE Verb.

15.24.6.1. Function. The SAVE verb saves the location within the database (the database key) of the record currently being processed within the specified set (when reading via set) or of the specified record type (when reading sequentially). This location may later be used to restore the record as the one currently being processed.

15.24.6.2. Skeleton.

**Figure 15.32. SAVE Skeleton.**

```
SAVE { set-name SET
        record-name RECORD } LOCATION IN uddn;
```

15.24.6.3. Syntax Rules.

15.24.6.3.1. Set-name and record-name are both DBDN.

15.24.6.3.2. UDDN must be an ANUDDN.

15.24.6.4. General Rules.

15.24.6.4.1. After execution of the SAVE verb the UDDN will contain the 4- character database key (location within the database) of the most currently processed record within the set or of the record type specified.

15.24.6.4.2. This key will most likely contain unprintable characters and therefore, should not be printed or displayed. The key can be moved to another data name, written to disk to be read later, and used to restore a record as the current record being processed.

15.24.6.4.3. **EXAMPLE:**

15.24.6.4.3.1. DB-READ 101/ITEM-RECORD SEQUENTIALLY; % IR #1

15.24.6.4.3.2. SAVE 101/ITEM-RECORD IN IR-SAVE;

15.24.6.4.3.3. % - GO OFF AND READ ANY ITEM RECORD -

15.24.6.4.3.4. DB-READ 101/ITEM-RECORD USING 'KEY EXPRESSION';

15.24.6.4.3.5. % - THE SEQUENTIAL READ OF THE ITEM RECORD IS

LOST HERE. -

15.24.6.4.3.6. RESTORE FROM IR-SAVE;

15.24.6.4.3.7. % - THE ORIGINAL ITEM RECORD IS NOW CURRENT -

15.24.7. START Verb.

15.24.7.1. Function. The Start verb reinitializes the sequential database needs.

15.24.7.2. Skeleton.

**Figure 15.33. START Skeleton.**

```
START {data-base-record-name}
        DETAIL ;
```

15.24.7.3. Syntax Rules.

15.24.7.3.1. None; the SYNTAX is defined fully in the skeleton.

15.24.7.4. General Rules.

15.24.7.4.1. The START verb when used with the data-base-record-name option causes the next DB-READ SEQUENTIALLY (of the specified record type) to read the first record of that type in the database.

15.24.7.4.2. The START verb, when used with the DETAIL option, causes the next DB-READ NEXT DETAIL SEQUENTIALLY to read the first detail record in the database.

15.24.7.4.3. If the last record is read (end of file) that record name is automatically STARTed again.

15.24.7.4.4. The DETAIL record and all other record types will automatically be STARTed at the beginning of the program.

15.24.7.4.4.1. EXAMPLE:

15.24.7.4.4.1.1. LOOP: REPEAT 10 TIMES

15.24.7.4.4.1.2. DB-READ 101/ITEM-RECORD;

15.24.7.4.4.1.3. LOOP: END

15.24.7.4.4.1.4. % - AT THIS POINT, ITEM RECORD #11 WILL BE READ NEXT. -

15.24.7.4.4.1.5. START 101/ITEM-RECORD; % GO BACK TO BEGINNING.

15.24.7.4.4.1.6. DB-READ 101/ITEM-RECORD; % ITEM RECORD # 1.

### ***Section 15AB—Disk/Tape Input/Output Verbs***

15.24.8. Purpose. To define the Verbs that enable Inputs and Outputs for Disk and Tape.

#### 15.24.9. CLOSE Verb.

15.24.9.1. Function. The CLOSE verb terminates reading and writing disk and tape files and optionally deletes disk files.

#### 15.24.9.2. Skeleton.

15.24.9.2.1. CLOSE [AND DELETE] filename ;

#### 15.24.9.3. Syntax Rules.

15.24.9.3.1. Filename is one of the internal filenames for disk or tape files listed in Para. 15.16.

15.24.9.3.2. DELETE may only be used if filename is a disk file.

#### 15.24.9.4. General Rules.

15.24.9.4.1. If filename is disk file: after the file is closed, it is no longer available for reads and writes unless it is RE-OPENED.

15.24.9.4.1.1. If the DELETE option is specified, the file is dropped from the system and is no longer available to any user. Files that are already opened must be closed before closing and/or deleting any other files.

15.24.9.4.1.2. The delete option may only be used with files opened for input.

15.24.9.4.2. If the file is a tape file: after the file is closed it is no longer available to the program and may not be opened again; the tape is rewound and the tape drive is made available to other runs; a tape file may not be deleted.

15.24.9.4.2.1. All open files are closed automatically when the program ends.

15.24.9.4.2.2. All files opened for work (that is, the OPEN verb phrase contained a WORK clause) and not closed are closed and deleted automatically when the program ends (if they have not already been deleted).

15.24.9.4.2.2.1. EXAMPLE:

15.24.9.4.2.2.1.1. CLOSE DISK-1;

#### 15.24.10. OPEN Verb.

15.24.10.1. Function. The open verb makes a file available to the program for future reads or writes.

15.24.10.2. Skeletons. There are several general formats of the OPEN verb.

15.24.10.2.1. Format 1.



**Figure 15.34. OPEN Format 1 Skeleton.**

$$\underline{\text{OPEN}} \left\{ \begin{array}{c} \underline{\text{INPUT}} \\ \underline{\text{OUTPUT}} \end{array} \right\} \text{filename-1}$$

$$\left\{ \begin{array}{l} \left\| \begin{array}{l} \left\{ \begin{array}{c} \text{FROM} \\ \text{TO} \end{array} \right\} \underline{\text{SAME}} \text{ RUNSTREAM} \\ \\ \underline{\text{USING}} \left\{ \begin{array}{c} \text{data-name-1} \\ \text{filename-2} \end{array} \right\} \end{array} \right\| \\ \underline{\text{FOR WORK}} \end{array} \right\}$$

$$\begin{array}{l} [\underline{\text{RECORD LENGTH IS integer-1 CHARACTERS}}] \\ [\underline{\text{BLOCK LENGTH IS integer-2 RECORDS}}]; \end{array}$$

15.24.10.2.2. Format 2.

**Figure 15.35. OPEN Format 2 Skeleton.**

$$\underline{\text{RE-OPEN}} \left\{ \begin{array}{c} \underline{\text{INPUT}} \\ \underline{\text{OUTPUT}} \end{array} \right\} \text{filename-3} ;$$

15.24.10.2.3. Format 3.

**Figure 15.36. OPEN Format 3 Skeleton.**

$$\underline{\text{OPEN}} \left\{ \begin{array}{c} \underline{\text{INPUT}} \\ \underline{\text{OUTPUT}} \end{array} \right\} \text{filename-4}$$

$$\underline{\text{REELS}} \left\{ \begin{array}{c} \text{data-name-2} \\ \text{literal-1} \end{array} \right\} \left[ \begin{array}{c} \left\{ \begin{array}{c} \text{data-name-3} \\ \text{literal-2} \end{array} \right\} \end{array} \right] \dots ;$$

15.24.10.2.4. Format 4.

**Figure 15.37. OPEN Format 4 Skeleton.**

$$\underline{\text{OPEN}} \text{ filename-5} \quad \underline{\text{USING}} \quad \left\{ \begin{array}{l} \text{data-name-4} \\ \text{filename-6} \end{array} \right\}$$

$$\underline{\text{REELS}} \quad \left\{ \begin{array}{l} \text{data-name-5} \\ \text{literal-3} \end{array} \right\} \quad \left[ \left\{ \begin{array}{l} \text{data-name-6} \\ \text{literal-4} \end{array} \right\} \right] \quad . . . \quad ;$$

## 15.24.10.3. Syntax Rules.

## 15.24.10.3.1. Format 1.

15.24.10.3.1.1. Filename-1 is one of the internal filenames for disk (DISK-1, DISK-2, DISK-3, DISK-4, DISK-5).

15.24.10.3.1.2. Filename-2 is the external filename under which the file is (or will be) cataloged in the system. It must have a qualifier if the SAME clause is not specified, and it must not have a qualifier if the SAME clause is specified.

15.24.10.3.1.3. The WORK clause can be used only with OPEN OUTPUT. (The file may later be closed and reopened for input.)

15.24.10.3.1.4. Integer-1 must be equal to or greater than 1 and less than or equal to the maximum record size listed in Para. 15.15. for filename-1.

15.24.10.3.1.5. Integer-2 if used, must be equal to 1.

## 15.24.10.3.2. Format 2.

15.24.10.3.2.1. Filename-3 must be an internal disk filename (see [Para 15.16.](#)).

15.24.10.3.2.2. There must be an OPEN and CLOSE for filename-3 elsewhere in the program.

## 15.24.10.3.3. Format 3.

15.24.10.3.3.1. Filename-4 must be one of the internal filenames for SURGE tape files which is listed in [Para 15.16.](#)

15.24.10.3.3.2. The data names must be ANUDDN.

15.24.10.3.3.3. The literal must in quotes and six characters long.

15.24.10.3.3.4. Up to twelve (12) reels may be specified.

## 15.24.10.3.4. Format 4.

15.24.10.3.4.1. Filename-5 must be one of the internal filenames for SBSS tape files listed in [Para 15.16.](#)

15.24.10.3.4.2. Filename-6 must be a qualified external filename of an already cataloged file.

15.24.10.3.4.3. The rules for the data names and literals from format 3 apply.

15.24.10.3.4.4. Up to twelve (12) reels may be specified.

15.24.10.3.5. Filename-2 and filename-6 are alphanumeric literals enclosed in single quotes.

#### 15.24.10.4. General Rules.

15.24.10.4.1. The USING clause in formats 1 and 4 and the SAME clause in format 1 are used to determine the external filename (the name under which the file is cataloged in the Master File Directory) of the file being opened. The rules used to determine the filename are as follows:

15.24.10.4.1.1. If the USING clause is specified (in formats 1 and 4) and the SAME clause is not, then the external filename will be taken entirely from the USING clause. The filename or the contents of the data name in the USING clause must be a fully qualified filename.

15.24.10.4.1.2. If both the USING clause and the SAME clause are specified (format 1 only) then the qualifier will be gBPSxxx (where g is the gang number and xxx is the restart number assigned by NGV801). The rest of the filename will be taken from the USING clause. The filename or the contents of the data name in the USING clause must be an unqualified filename.

15.24.10.4.1.3. If the SAME clause is specified and the USING clause is not (format 1 only), then the qualifier will be gBPS xxx (see rule above) and the filename will be the one associated with the internal filename in [Para 15.16](#).

15.24.10.4.1.4. If neither the SAME nor the USING clause is specified (that is, the WORK clause is specified in format 1), then the external filename is built entirely by the SURGE processor. Since work files only exist during the execution of the local SURGE program (it is deleted when the program ends), the programmer does not need to be concerned with what the external filename is.

15.24.10.4.2. Files that are opened for input must be already cataloged in the system Master File Directory under the external filename derived as shown in the above paragraph. SURGE will attempt to assign the file. If the attempt is successful, the file is opened and processing continues. If the file cannot be assigned, an error results and the program is terminated.

15.24.10.4.3. Files that are opened for output (but not for work) need not, but may be already cataloged. If the file is not cataloged, SURGE will catalog and assign it. If the cataloging and assigning are successful, the file is opened and processing continues. Otherwise, an error results and the program is terminated.

15.24.10.4.4. Files OPENED for WORK must not be cataloged. If they are, an error results and the program is terminated. Otherwise, the procedures for opening are the same as in the paragraph above.

15.24.10.4.5. Reel numbers must be specified in the order they are to be used. Blank reel numbers are interpreted as no reel and are ignored.

15.24.10.4.6. Record and block lengths given on a file opened for input must match the existing record and block lengths of that file. If not, an error results and the program is terminated.

15.24.10.4.7. A file may not be reopened unless it has been previously opened and is currently closed at the time of the execution of the reopen.

#### 15.24.10.5. Skeleton. Specific formats.

15.24.10.5.1. Output to be reinput by the same program. Project-ID becomes the qualifier.

15.24.10.5.1.1. OPEN OUTPUT file-name-1 FOR WORK

15.24.10.5.1.2. [RECORD LENGTH IS interger-1 CHARACTERS]

15.24.10.5.1.3. [BLOCK LENGTH IS interger-2 RECORDS];

15.24.10.5.2. Between different programs in the same runstream. (data-name-1 or file-name-2 must not have a qualifier; therefore, use the format “\*filename”). This filename picks up its qualifier from the @QUAL image.

**Figure 15.38. OPEN SAME Skeleton.**

```

OPEN { INPUT } file-name-1 { FROM } SAME RUNSTREAM
      { OUTPUT }
      USING { data-name-1 }
              { file-name-2 }
              [ RECORD LENGTH IS integer-1 CHARACTERS ]
              [ BLOCK LENGTH IS interger-2 RECORDS ] ;

```

15.24.10.5.3. Between programs in different runstreams (data-name-1 or file-name-2) must have a qualifier, therefore, use the format (“qualifier\*filename”).

**Figure 15.39. OPEN USING Skeleton.**

```

RESTORE [ { set-name SET } ] LOCATION FROM uddn;
          [ { record-name RECORD } ]

```

15.24.10.5.4. To open any file that has been opened and closed, or that has been reopened and closed.

**Figure 15.40. REOPEN Skeleton.**

$$\underline{\text{RE-OPEN}} \left\{ \begin{array}{c} \underline{\text{INPUT}} \\ \underline{\text{OUTPUT}} \end{array} \right\} \text{file-name-3 ;}$$

## 15.24.10.5.4.1. EXAMPLE:

15.24.10.5.4.1.1. OPEN OUTPUT DISK-1 FOR WORK;

15.24.10.5.4.1.2. MOVE 'THIS IS A TEST' TO \$DISK-1-RCD [1,15];

15.24.10.5.4.1.3. WRITE DISK-1;

15.24.10.5.4.1.4. CLOSE DISK-1;

15.24.10.5.4.1.5. RE-OPEN INPUT DISK-1;

15.24.10.5.4.1.6. READ DISK-1;

15.24.10.5.4.1.7. PRINT \$DISK-1-RCD [1,15];

15.24.10.5.4.1.8. CLOSE DISK-1;

## 15.24.11. READ Verb.

15.24.11.1. Function. The read verb is used to make information from a file available to the program.

## 15.24.11.2. Skeleton.

15.24.11.2.1. READ filename [STATUS IS UDDN];

## 15.24.11.3. Syntax Rules.

15.24.11.3.1. Filename must be one of the internal filenames.

15.24.11.3.2. UDDN must be an alphanumeric item.

## 15.24.11.4. General Rules.

15.24.11.4.1. A file may be read only if it has been opened for input.

15.24.11.4.2. The data record read from the file will be in the SDDN associated with the filename after a successful read. Each successful read gets the next available record.

15.24.11.4.3. The length of the record read will be determined from the OPEN for filename.

15.24.11.4.4. The status from the read (that is, END-OF-FILE condition) will be in SDDN \$STATUS. It will also be in UDDN if the STATUS clause is specified.

## 15.24.11.4.4.1. EXAMPLE:

15.24.11.4.4.1.1. READ DISK-4;

15.24.11.4.4.1.2. MOVE \$DISK-4-RCD[1,5] TO PL;

15.24.11.4.4.1.3. PRINT PL;

## 15.24.12. WRITE Verb.

15.24.12.1. Function. The WRITE verb is used to place information into a disk or tape file.

15.24.12.2. Skeleton.

15.24.12.2.1. WRITE filename;

15.24.12.3. Syntax Rules.

15.24.12.3.1. Filename must be one of the internal filenames for disk files or tape files.

15.24.12.3.2. Filename must not be one of the internal file names for SBSS tape files. These files cannot be written to.

15.24.12.4. General Rules.

15.24.12.4.1. A file may only be written to if it has been opened for output.

15.24.12.4.2. The information to be written must be in the SDDN associated with the filename.

15.24.12.4.3. The length of the record written will be determined from the OPEN for filename.

15.24.12.4.3.1. EXAMPLE:

15.24.12.4.3.1.1. MOVE DATA TO \$DISK-4-RCD[1,32];

15.24.12.4.3.1.2. WRITE DISK-4;

### ***Section 15AC—Other Input/Output Verbs***

15.24.13. Purpose. To define all of the other input/output verbs.

15.24.14. DISPLAY and QUERY Verbs.

15.24.14.1. Function. Both verbs send messages to the RPS operator, and additionally, QUERY accepts a response.

15.24.14.2. Skeleton.

**Figure 15.41. DISPLAY/QUERY Skeleton.**

$$\left\{ \begin{array}{l} \underline{\text{DISPLAY}} \\ \underline{\text{QUERY}} \end{array} \right\} \quad \left\{ \begin{array}{l} \text{data-name-1} \\ \text{literal-1} \end{array} \right\} \quad \left[ \left\{ \begin{array}{l} \text{data-name-2} \\ \text{literal-2} \end{array} \right\} \right] \quad \dots ;$$

15.24.14.3. Syntax Rules.

15.24.14.3.1. Data names can be SDDN, UDDN, or DBDN.

15.24.14.3.2. Literal must be alphanumeric.

15.24.14.4. General Rules.

15.24.14.4.1. The values of the data names and literals will be displayed at the RPS console. It is the programmer's responsibility to add spaces as necessary for readability.

15.24.14.4.2. The QUERY verb differs from DISPLAY by temporarily halting the program until the RPS operator keys in a response. This response (up to 80 characters long) will be available to the program in \$RESPONSE. The QUERY verb phrase must be immediately preceded by a DISPLAY verb phrase.

15.24.14.4.3. The length of the values of the data names and literals, when thought of as a single string, must be less than 320 characters.

15.24.14.4.3.1. EXAMPLE:

15.24.14.4.3.1.1. QUERY-TEST: SEQUENCE

15.24.14.4.3.1.2. DISPLAY 'QUERY-TEST ';

15.24.14.4.3.1.3. QUERY 'ENTER YOUR NAME?';

15.24.14.4.3.1.4. DISPLAY 'YOUR NAME IS ' \$RESPONSE;

15.24.14.4.3.1.5. QUERY-TEST: END

15.24.15. EJECT Verb.

15.24.15.1. Function. The EJECT verb positions the forms to be printed at the top of a page.

15.24.15.2. Skeleton.

15.24.15.2.1. EJECT;

15.24.15.3. Syntax Rules. The syntax is defined fully in the skeleton.

15.24.15.4. General Rules.

15.24.15.4.1. If the last FORMAT verb executed had the OFF option the EJECT verb will do nothing.

15.24.15.4.2. If the last FORMAT verb executed did not have the OFF option and the form being printed is not at the top of a page, then the form will be positioned at the top of the next page after printing a trailer (if required). If the form is already at the top of the page, the EJECT verb will simply position the form at the top of the next page and print nothing.

15.24.15.4.2.1. EXAMPLE:

15.24.15.4.2.1.1. SD-COMPARE: CHOOSE NEW-SYS-DES <> OLD-SYS-DES

15.24.15.4.2.1.2. MOVE NEW-SYS-DES TO OLD-SYS-DES;

15.24.15.4.2.1.3. EJECT;

15.24.15.4.2.1.4. SD-COMPARE: END

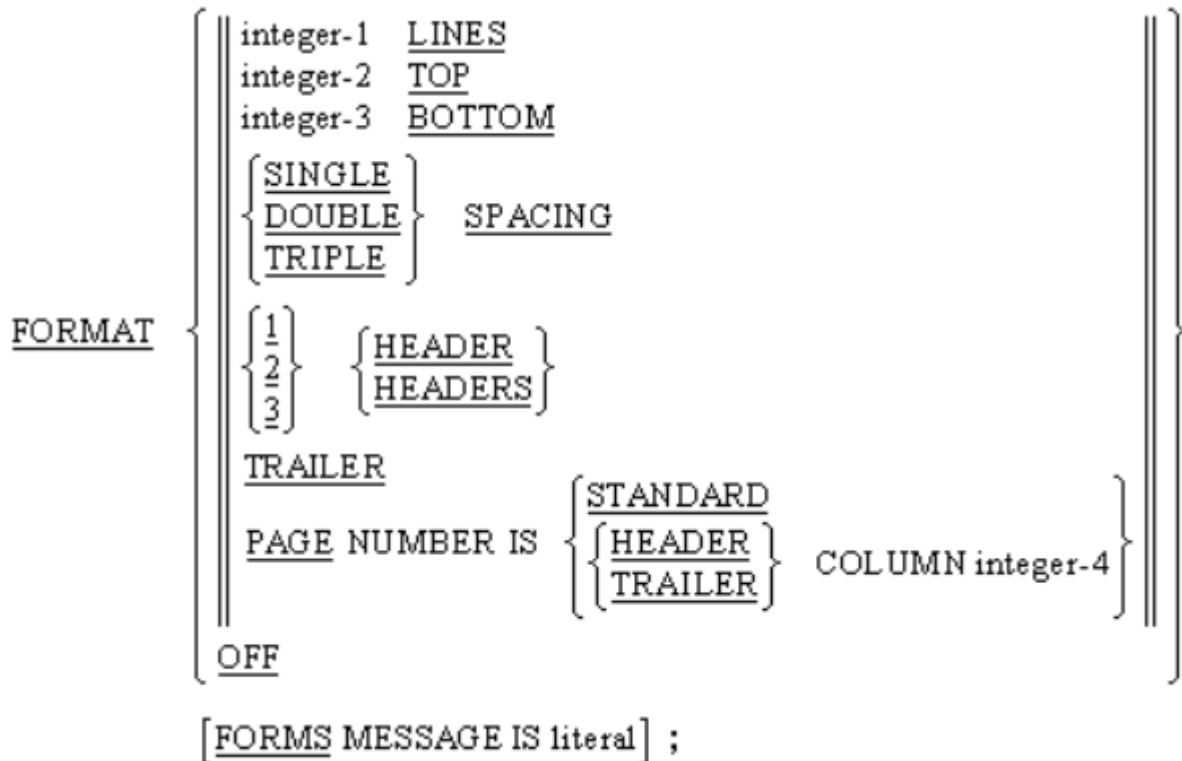
15.24.15.4.2.1.5. **(If NEW-SYS-DES equates to system designator, then there would be a page eject at the change of system designators.)**

15.24.16. FORMAT Verb.

15.24.16.1. Function. The FORMAT verb is used to open a report file, describe the format of each page and to direct the printing of the report to a specific printer.

15.24.16.2. Skeleton.

**Figure 15.42. FORMAT Skeleton.**



15.24.16.3. Syntax Rules.

15.24.16.3.1. The clauses within the double bars may be coded in any order.

15.24.16.3.2. None of the clauses within the double bars are required. The default values for these clauses are:

15.24.16.3.2.1. 1. LINES - 66.

15.24.16.3.2.2. 2. TOP - 6.

15.24.16.3.2.3. 3. BOTTOM - 6.

15.24.16.3.2.4. 4. SPACING - double.

15.24.16.3.2.5. 5. HEADER - none.

15.24.16.3.2.6. 6. TRAILER - none.

15.24.16.3.2.7. 7. PAGE NUMBER - none.

15.24.16.3.3. Integer-1 must be positive and less than 999. It also must be larger than the number of lines needed to print the headers, trailer and lines at top and bottom.



15.24.16.3.4. Integer-2 must be between 0 and 99.

15.24.16.3.5. Integer-3 must be between 0 and 99.

15.24.16.3.6. Integer-4 must be between 1 and 129.

15.24.16.3.7. Literal is an alphanumeric literal, in quotes, 48 characters long or shorter.

15.24.16.4. General Rules.

15.24.16.4.1. The following actions are taken when the FORMAT verb is executed:

15.24.16.4.1.1. Any open report is closed and directed to the printer specified in \$REPORT-PRINTER.

15.24.16.4.1.2. \$REPORT-SD is examined. If it contains a valid system designator and the base constants contains a printer device name for that system designator, then \$REPORT-PRINTER is set to that device name. If \$REPORT-SD is blank or contains an invalid system designator, then \$REPORT-PRINTER is examined. If \$REPORT-PRINTER is blank or if it does not contain a valid printer device name, then \$REPORT-PRINTER will be set to the device name of the 01 account printer (host RPS printer; i.e.; 014-SITE-ID of the (014) BASE-CONSTANTS-2 record).

15.24.16.4.1.3. The following SDDN will be set as follows:

15.24.16.4.1.3.1. \$LINES-PER-PAGE will be set to the value of integer-1.

15.24.16.4.1.3.2. \$LINES-PRINTED will be set to zero.

15.24.16.4.1.3.3. \$TOP-LINES and \$BOTTOM-LINES will be set to the values of integer-2 and integer-3, respectively.

15.24.16.4.1.3.4. \$LINE-SPACING will be set to 1 for SINGLE spacing, 2 for DOUBLE spacing or 3 for TRIPLE. (**Note:** Can be set to a value from 1-9 by the programmer.)

15.24.16.4.1.3.5. \$NBR-HEADERS will be set to 1, 2, or 3 based on the HEADER/HEADERS clause or 0 if the HEADER/HEADERS clause was not specified.

15.24.16.4.1.3.6. \$TRAILER-FLAG will be set to 1 if the TRAILER clause was specified; if not, \$TRAILER-FLAG will be set to 0.

15.24.16.4.2. If the HEADER/HEADERS clause was specified and \$REPORT-SD contained a valid system designator, information will be placed in the first header (\$HEADER-1) as follows:

15.24.16.4.2.1. Columns 1-9 will be set to the SBSS calendar date (\$SBSS-DATE).

15.24.16.4.2.2. Columns 11-26 will be set to the base name (from the base constants) associated with the system designator in \$REPORT-SD.

15.24.16.4.2.3. Columns 102-107 will be set to the SRAN (from the base constants) associated with the system designator in \$REPORT-SD.

15.24.16.4.2.4. Columns 109-112 will be set to the constant “DATE”.

15.24.16.4.2.5. Columns 114-117 will be set to the SBSS Julian date (\$SBSS-JULIAN).

15.24.16.4.2.6. If STANDARD (in the PAGE clause) was specified, columns 120-123 will be set to the content “PAGE”.

15.24.16.4.2.7. The LINES clause specifies the length of the form in lines per page.

15.24.16.4.3. The TOP and BOTTOM clauses specify the number of blank lines at the top and bottom of the form, respectively.

15.24.16.4.4. The HEADER clause (in the PAGE clause) specifies the number of header lines printed at the top of each page. A blank line is always printed after the first line of the header and (if more than one header line is called for) after the last line. The contents of the headers must be placed in \$HEADER-1 through \$HEADER-3 by the programmer except as stated above.

15.24.16.4.5. The TRAILER clause (in the PAGE clause) specifies that a trailer is to be printed at the bottom of each page.

15.24.16.4.6. The PAGE clause specifies that the page number is to be placed in the HEADER or TRAILER in the column specified (integer-4) and the next three columns. The STANDARD option places the page number in the header, (columns 125 through 128).

15.24.16.4.7. The OFF clause initiates unformatted printing (that is, bin labels, or other header-less reports). Formatting, in this case, is the programmer's responsibility.

15.24.16.4.8. If the 001-PRINT-QUEUE equals “1” and the 014-SITE-ID does not equal spaces, the report also goes to the SAFETY PRINT QUEUE (Function 498, System Designator 01).

15.24.17. PRINT Verb.

15.24.17.1. Function. The PRINT verb causes one line of data to be printed. If formatting is not off, headers, trailers, and page numbering are automatic.

15.24.17.2. Skeleton.

**Figure 15.43. PRINT Skeleton.**

```
PRINT {data-name-1} [ {data-name-2} ] . . . ;
      {literal-1}  [ {literal-2} ]
```

15.24.17.3. Syntax Rules.

15.24.17.3.1. Literals may be alphanumeric or numeric.

15.24.17.3.2. The total length of printed information must be less than or equal to 132 characters long.

#### 15.24.17.4. General Rules.

15.24.17.4.1. If the form is at the top of a page and formatting is on, then the page number will be incremented by 1, placed in the header or trailer, and the required blank lines and the headers will be printed. **Note:** The headers will be printed only after a request to print a body (detail) line on the page. If nobody lines are printed, there will be no headers.

15.24.17.4.2. The data will be printed.

15.24.17.4.3. It is the programmer's responsibility to insert spaces as necessary to separate printed items. It is suggested that items to be printed are moved to a single data item which is 132 characters long and that the one item is printed.

15.24.17.4.4. If formatting is on, sufficient blank lines will be printed to accomplish double or triple spacing if called for.

15.24.17.4.5. If no more room to print detail lines is left on the page the trailer is printed (if required) and the form is positioned at the very top of the next page.

15.24.17.4.6. When a report is closed and if formatting is on and the form is not at the top of the page, blank lines are printed down to the trailer, the trailer is printed (if required) and the form is positioned at top of the next page.

15.24.17.4.7. A report is closed when a new format command is issued or when the program is finished.

##### 15.24.17.4.7.1. EXAMPLE:

15.24.17.4.7.1.1. MOVE 21 TO #AGE;

15.24.17.4.7.1.2. MOVE 'GARY' TO NAME;

15.24.17.4.7.1.3. PRINT 'MY NAME IS ' NAME ' AND I AM ' #AGE;

15.24.17.4.7.1.4. RESULTS = "MY NAME IS GARY AND I AM 21"

### ***Section 15AD—Data Manipulation Verbs***

15.24.18. Purpose. To define Data Manipulation verbs.

15.24.19. CONVERT Verb.

15.24.19.1. Function. The CONVERT verb does various data conversions.

15.24.19.2. Skeleton.

**Figure 15.44. CONVERT Skeleton.**

$$\text{CONVERT} \left\{ \begin{array}{ll} \text{JULIAN} & [\text{DATE TO CALENDAR DATE}] \\ \text{CALENDAR} & [\text{DATE TO JULIAN DATE}] \\ \text{HOURS} & [\text{AND MINUTES TO MINUTES}] \\ \text{MINUTES} & [\text{TO HOURS AND MINUTES}] \end{array} \right\} ;$$

15.24.19.3. Syntax Rules. The syntax is defined fully in the skeleton.

15.24.19.4. General Rules.

15.24.19.4.1. CONVERT JULIAN requires that SUDDN \$JULIAN-CONV be preset to the Julian date being converted. The format of this Julian date is seven digits, four for year and three for day. The year's portion may have spaces as the first three characters. In this case the SURGE processor will assume the decade to be the one that makes the year the closest to the current year. In the case where two possible selections will be 5 years away, the earlier date will be used. The day portion of the Julian date must be between 001 and 365 (or 366 for leap years). If \$JULIAN-CONV fails these edits, an error will result and the program will terminate. Upon successful completion of the conversion \$CALENDAR-CONV will contain the equivalent calendar date in this format: four digits for year, one space, three-character alphabetic month (first three positions of the month name), one space, and two digits for day of month. \$NUMERIC-MONTH will contain a number between 01 and 12 (the numeric code for the month). \$FISCAL-CONV will contain the four-digit fiscal year of the date converted.

15.24.19.4.1.1. EXAMPLE:

15.24.19.4.1.1.1. MAIN-PGM: SEQUENCE

15.24.19.4.1.1.2. FORMAT OFF;

15.24.19.4.1.1.3. DB-READ 101/ITEM-RECORD;

15.24.19.4.1.1.4. BSS: REPEAT 10 TIMES

15.24.19.4.1.1.5. MOVE 101-DATE-OF-LAST-TRANSACTION TO DOLT  
EDITING 'ZZZ9999';

15.24.19.4.1.1.6. MOVE DOLT TO \$JULIAN-CONV;

15.24.19.4.1.1.7. CONVERT JULIAN DATE TO CALENDAR DATE;

15.24.19.4.1.1.8. PRINT \$CALENDAR-CONV;

15.24.19.4.1.1.9. DB-READ 101/ITEM-RECORD;

15.24.19.4.1.1.10. BSS: END

15.24.19.4.1.1.11. MAIN-PGM: END

15.24.19.4.2. CONVERT CALENDAR requires that SDDN \$CALENDAR-CONV be present to the calendar date being converted. This date must be in the format described in the paragraph above; otherwise, an error will result and the program will terminate. Upon successful completion \$JULIAN-CONV will contain the equivalent seven-digit Julian date. \$NUMERIC-MONTH WILL contain the numeric month code (as described above) and \$FISCAL-CONV will contain the fiscal year (as described above).

15.24.19.4.2.1. EXAMPLE:

15.24.19.4.2.1.1. MAIN-PRO: SEQUENCE

15.24.19.4.2.1.2. FORMAT OFF;

15.24.19.4.2.1.3. MOVE '1996 SEP 30' TO \$CALENDAR-CONV;

15.24.19.4.2.1.4. CONVERT CALENDAR DATE TO JULIAN DATE;

15.24.19.4.2.1.5. PRINT \$JULIAN-CONV;

15.24.19.4.2.1.6. MAIN-PRO: END

15.24.19.4.3. CONVERT HOURS requires that SDDN \$HOURS-MIN-CONV be present to the number of hours and minutes to be converted to minutes. The format of this time must be six digits for number of hours and two digits for minutes. The hours can range from 000000 to 999999 and the minutes from 00 to 59. If this data is not numeric or not within these ranges an error will occur and the program will terminate. Upon successful completion, \$MINUTES-CONV will contain the equivalent number of minutes (8 digits).

15.24.19.4.3.1. EXAMPLE:

15.24.19.4.3.1.1. LINDSEY: SEQUENCE

15.24.19.4.3.1.2. FORMAT OFF;

15.24.19.4.3.1.3. MOVE (24 \* 100) TO \$HOURS-MIN-CONV;      % (see note)

15.24.19.4.3.1.4. CONVERT HOURS AND MINUTES TO MINUTES;

15.24.19.4.3.1.5. PRINT \$MINUTES-CONV;

15.24.19.4.3.1.6. LINDSEY: END      **Note:** In the equation, "24" stands for hours, which is multiplied by 100 to zero pad the minutes portion of \$HOURS-MIN-CONV.

15.24.19.4.4. CONVERT MINUTES requires the SDDN \$MINUTES-CONV be preset to the number of minutes to be converted. This must be an 8-digit number between 00000000 and 59999999. If this data is not numeric or not within this range, an error will occur and the program will terminate. Upon successful completion, \$HOURS-MIN-CONV will contain the equivalent hours and minutes in the format described above.

15.24.19.4.4.1. EXAMPLE:

- 15.24.19.4.4.1.1. CRESTVIEW: SEQUENCE
- 15.24.19.4.4.1.2. FORMAT OFF;
- 15.24.19.4.4.1.3. MOVE '00000060' TO \$MINUTES-CONV;
- 15.24.19.4.4.1.4. CONVERT MINUTES TO HOURS AND MINUTES;
- 15.24.19.4.4.1.5. PRINT \$HOURS-MIN-CONV;
- 15.24.19.4.4.1.6. CRESTVIEW: END

#### 15.24.20. DIMENSION Verb.

15.24.20.1. Function. The DIMENSION verb tells the tokenization process that a UDDN is to be indexed so that it can be used to create tables of like data.

#### 15.24.20.2. Skeleton.

- 15.24.20.2.1. DIMENSION UDDN (integer)
- 15.24.20.2.2. [VALUES ARE literal [ literal ] . . . ];

#### 15.24.20.3. Syntax Rules.

15.24.20.3.1. The integer must be a numeric literal with an integer value between 2 and 255 (for alphanumeric items) or 2 and 128 (for numeric items).

15.24.20.3.2. The literals must conform to the value for alphanumeric literals or numeric literals depending on the type of the UDDN.

15.24.20.3.3. The number of literals may not be greater than the integer. Although the dimension of a UDDN can be up to 128 and 255 items, there is a physical limiting factor on the number of values which can be placed in the VALUES ARE clause. This limiting factor is an internal Phrase Table (PT), which limits the values to around 30 in number. This does not limit the size of the table, just the number of initial values.

#### 15.24.20.4. General Rules.

15.24.20.4.1. The DIMENSION verb must be included in the user's program before any reference to the UDDN.

15.24.20.4.2. The DIMENSION verb is meaningful to the tokenization process only. It produces no executable coding. For this reason it may appear anywhere within the user's program within the limits stated in rule a, above. It is recommended, however, to code it at the beginning of the program for ease of program maintenance.

15.24.20.4.3. Other references to the UDDN should be indexed to access the data within the table. This index must have a positive integer value less than or equal to the integer from the DIMENSION verb.

15.24.20.4.4. The value of UDDN (1) will be preset to literal no.1. The value of UDDN, (2) will be preset to literal no. 2, etc. These values may be changed during the execution of the program using the MOVE statement.

15.24.20.4.5. If the number of literals is less than the integer, then the values of the highest occurrences of UDDN will not be preset and will need to be set by the program.

## 15.24.20.4.5.1. EXAMPLE 1:

15.24.20.4.5.1.1. DIMENSION TAB-OF-MON(3) VALUES 'JAN' 'FEB' 'MAR';

15.24.20.4.5.1.2. LOOP: REPEAT 3 TIMES

15.24.20.4.5.1.3. MOVE 1 + #MONTH TO #MONTH;

15.24.20.4.5.1.4. PRINT 'MONTH ' #MONTH ' IS ' TAB-OF-MON(#MONTH);

15.24.20.4.5.1.5. LOOP: END

15.24.20.4.5.1.6. RESULTS = "MONTH 1 IS JAN"

15.24.20.4.5.1.7. "MONTH 2 IS FEB"

15.24.20.4.5.1.8. "MONTH 3 IS MAR"

## 15.24.20.4.5.2. EXAMPLE 2:

15.24.20.4.5.2.1. DIMENSION #TAB(3);

15.24.20.4.5.2.2. % AT THIS POINT #TAB HAS NO ASSIGNED VALUES.

15.24.20.4.5.2.3. LOOP: REPEAT 3 TIMES

15.24.20.4.5.2.4. MOVE 1 + #NUM TO #NUM ;

15.24.20.4.5.2.5. MOVE 10 + #NUM TO #TAB(#NUM);

15.24.20.4.5.2.6. LOOP: END

15.24.20.4.5.2.7. % AT THIS POINT #TAB HAS VALUES ASSIGNED

15.24.20.4.5.2.8. LOOP: REPEAT 3 TIMES

15.24.20.4.5.2.9. MOVE 1 + #I TO #I;

15.24.20.4.5.2.10. PRINT #TAB( #I ) = #TAB(#I);

15.24.20.4.5.2.11. LOOP: END

15.24.20.4.5.2.12. RESULTS = "#TAB(1) = 11"

15.24.20.4.5.2.13. "#TAB(2) = 12"

15.24.20.4.5.2.14. "#TAB(3) = 13"

## 15.24.21. DROP Verb.

15.24.21.1. Function. The DROP verb makes the memory space used by a UDDN available for other UDDN's when one of the data names is no longer needed.

## 15.24.21.2. Skeleton.

15.24.21.2.1. DROP UDDN;

15.24.21.3. Syntax Rules. None; the syntax is described fully in the skeleton.

15.24.21.4. General Rules.

15.24.21.4.1. Any data that had been previously moved to the UDDN will no longer be available.

15.24.21.4.2. The memory space assigned to the UDDN will be made available for reuse.

15.24.21.4.3. Moving data to the UDDN at a later point in the program will cause memory space to be reallocated.

15.24.21.4.3.1. EXAMPLE:

15.24.21.4.3.1.1. % VAR HAS NO DATA AND TAKES UP NO SPACE.

15.24.21.4.3.1.2. MOVE 'THIS IS SOME DATA' TO VAR;

15.24.21.4.3.1.3. % VAR HAS DATA IN IT AND TAKES UP 17 CHARACTERS.

15.24.21.4.3.1.4. DROP VAR;

15.24.21.4.3.1.5. % VAR HAS NO DATA AND TAKES UP NO SPACE.

15.24.22. MOVE Verb.

15.24.22.1. Function. The MOVE verb establishes a value for a SDDN or a UDDN. It also concatenates alphanumeric data, manipulates strings, performs mathematical calculations, and edits dollar sign, decimal point and comma insertion as well as zero suppression.

15.24.22.2. Skeleton.

**Figure 15.45. MOVE Skeleton.**

MOVE expression TO  $\left\{ \begin{array}{l} \text{uddn} \\ \text{Sddn} \end{array} \right\}$  [ WITH EDITING edit-string ] ;

15.24.22.3. Syntax Rules.

15.24.22.3.1. The UDDN or the SDDN may be subscripted or may be partialled.

15.24.22.3.2. The EDITING clause may only be used when moving to an ANUDDN (see Edit Strings).

15.24.22.3.3. The edit-string is an alphanumeric literal (in quotes)

15.24.22.4. General Rules. Numeric expressions, when evaluated, must yield a number between 999,999,999 and -999,999,999. Decimal digits beyond seven digits to the right of the decimal point will be dropped; therefore calculations will only be accurate to six decimal places. The seventh place can be used to determine which way to round the sixth.

15.24.22.4.1. Alphanumeric Move.

15.24.22.4.1.1. This type of move is done when an expression resulting in an alphanumeric string is moved to an ANUDDN that has not been partialled.

15.24.22.4.1.2. The alphanumeric string resulting from evaluation of the



expression is moved to the UDDN.

15.24.22.4.1.3. The length of the UDDN is adjusted to the length of the string moved to it.

15.24.22.4.2. Alphanumeric Partial Move.

15.24.22.4.2.1. This type of move is done when an expression resulting in an alphanumeric string is moved to a partial ANUDDN or a partial or unpartial SDDN.

15.24.22.4.2.2. The alphanumeric string resulting from evaluation of the expression is moved to the specific part of the UDDN or the specified part of the SDDN or the entire SDDN according to these rules:

15.24.22.4.2.2.1. The length of the receiving item (the partial UDDN or the partial or unpartial SDDN) is a fixed length.

15.24.22.4.2.2.2. If the specified part of the receiving item does not exist (that is, the current length of the whole item is less than either the starting or ending character of the partial) then an error results and the program is terminated. This is because the length of a partial item is not adjusted by moving data to it.

15.24.22.4.2.2.3. If the lengths of the specified part of the receiving item is greater than the length of the alphanumeric string, then the string will be moved to the leftmost characters of the specified part of the receiving item and the rightmost characters will be space filled.

15.24.22.4.2.2.4. If the lengths are equal, the string will be moved to and will fill the specified part of the receiving item.

15.24.22.4.2.2.5. If the length of the specified part of the receiving item is less than the length of the alphanumeric string, then the specified part of the receiving item will be filled, beginning with its leftmost character, continuing until the specified part of the receiving item is filled. An execution time warning will be printed.

15.24.22.4.3. Alphanumeric to Numeric.

15.24.22.4.3.1. This type of move is done when an expression resulting in an alphanumeric string is moved to a numeric UDDN.

15.24.22.4.3.2. If the resulting alphanumeric string cannot be converted into a number, an error results and the program is terminated.

15.24.22.4.3.3. In memory, the format of the numeric UDDN has a sign followed by exactly nine digits, a decimal point, and then seven decimal digits.

15.24.22.4.3.4. If the alphanumeric string has more than seven digits to the right of the decimal point, the digits beyond the seventh will be dropped.

15.24.22.4.3.5. If the alphanumeric string has no decimal point, then it is assumed to be to the right of the string's rightmost character.

15.24.22.4.3.6. The sign of the NUDDN is set according to the sign in the alphanumeric string. If the string has no sign, it is assumed to be positive.

15.24.22.4.4. Numeric Move. This type of move is done when an expression results in a numeric value and that value is moved to a NUDDN.

15.24.22.4.5. Numeric Edited Move.

15.24.22.4.5.1. This type of move is done when an expression resulting in a numeric value is moved to an ANUDDN.

15.24.22.4.5.2. The numeric value of the expression is used to generate an alphanumeric string based on the edit string.

15.24.22.4.5.3. The generated string is then moved to the UDDN whose length will be adjusted to the length of the generated string.

15.24.22.4.6. Numeric to Alphanumeric Move.

15.24.22.4.6.1. This type of move is done when an expression resulting in a numeric value is moved to an unpartialled ANUDDN without editing.

15.24.22.4.6.2. The numeric value of the expression is used to generate an alphanumeric string. The string will have a minus sign as the first character (if negative) followed by 1 to 9 digits followed by a decimal point followed by 0 to 7 decimal digits. Leading zeros on the right will be suppressed (except for a zero immediately to the left of the decimal point).

15.24.22.4.6.3. The generated string is then moved to the UDDN whose length will be adjusted to the length of the generated string.

15.24.22.4.7. Numeric Partial Move.

15.24.22.4.7.1. This type of move is done when an expression resulting in a numeric value is moved to a partialled ANUDDN or a partialled or unpartialled SDDN.

15.24.22.4.7.2. The numeric value is converted to a string. This string will not contain the sign of the value, the decimal point, or any digits that were to the right of the decimal point. Leading zeros will be dropped.

15.24.22.4.7.3. The generated string will then be moved according to the following rules:

15.24.22.4.7.3.1. The length of the receiving item (the partialled UDDN or the partialled or unpartialled SDDN).

15.24.22.4.7.3.2. If the specified part of the receiving item does not exist (that is, the current length of the whole item is less than either the starting or ending character of the partial) then an error results and the program is terminated.

15.24.22.4.7.3.3. If the length of the receiving item is less than the length of the generated string an error results and the program is terminated.

15.24.22.4.7.3.4. If the lengths are equal, then the string will be moved to and will fill the receiving item.

15.24.22.4.7.3.5. If the length of the receiving item is greater than the length of the generated string, then the string will be moved to the rightmost character of the receiving item and the leftmost characters will be zero filled.

15.24.22.4.7.3.6. This type of move allows the programmer to create positive, whole numbers that can later be used for indexes, partials, or anything else that calls for positive, whole values.

#### 15.24.22.4.8. General Rules Applying to all Moves.

15.24.22.4.8.1. Numeric expressions, when evaluated, must yield a number between 999,999,999 and -999,999,999. Decimal digits beyond seven digits to the right of the decimal point will be dropped; therefore, calculations will only be accurate to six decimal places. The seventh place will be used to determine which way to round the sixth place.

15.24.22.4.8.2. Alphanumeric expressions, when evaluated, must yield an alphanumeric string less than, or equal to 132 characters long.

#### 15.24.23. Edit Strings.

15.24.23.1. Function. Edit strings can be used when moving a numeric value (resulting from the evaluation of an expression) to an alphanumeric user-defined data item. The edit string appears in the EDITING clause of a MOVE verb phrase. It is used to accomplish zero suppression and insertion of the characters 0, comma, period, +, -, \*, and \$.

##### 15.24.23.2. Syntax.

15.24.23.2.1. Edit field can be up to a maximum of 36 positions in length.

15.24.23.2.2. The edit string is coded as an alphanumeric literal (enclosed in quotes) containing only the characters 9, 0, comma, period, +, -, \*, \$, and Z.

15.24.23.2.3. There can only be one period anywhere. If there is more than one plus or minus sign in the string, the Z's and asterisks may not be used. The optional dollar sign must be the leftmost character.

15.24.23.2.4. If there is only one dollar sign (\$) in the string it must be the leftmost character in the string except for the optional plus (+) or minus (-).

15.24.23.2.5. If there is more than one dollar sign (\$) in the string, the Z's and asterisks (\*) may not be used. The dollar signs must be the leftmost characters except for the optional plus (+) or minus (-), but commas (,) may be embedded between the dollar signs.

15.24.23.2.6. Z's and asterisks (\*) may not be used in the same edit string.

15.24.23.2.7. If Z's or asterisks (\*) are used they must be the leftmost characters except for the optional plus (+) or minus (-) and a single optional dollar sign (\$), but commas (,) may be embedded between the Z's or the asterisks.

15.24.23.2.8. The only characters that may appear to the right of the decimal point in the edit string are 9 and 0.

##### 15.24.23.3. General Rules.

15.24.23.3.1. The numeric value and the edit string are lined up on the decimal points. If there is no decimal point in the edit string it is assumed to be at the right of the string but does not cause decimal point insertion.

15.24.23.3.2. An alphanumeric string equal in length to the edit string is then built according to the following rules:

15.24.23.3.2.1. The decimal point in the edit string is put in the same place in the alphanumeric string as it is in the edit string.

15.24.23.3.2.2. Working to the right from the decimal point, anywhere there is a "0" in the edit string a "0" is put in the same place in the alphanumeric string. Anywhere there is a "9" in the edit string, the next decimal digit to the right of the decimal point in the numeric value is put in the same place in the alphanumeric string as where the "9" is in the edit string. If there is no next decimal digit, it is assumed to be "0".

15.24.23.3.2.3. If there are no "Z's" or asterisks (\*) and one or no dollar sign (\$) to the left of the decimal point in the edit string, then creation of the alphanumeric string proceeds to the left from the decimal point as follows: Wherever there is a "0", a comma (,), a plus (+), a minus (-), or a dollar sign (\$) in the edit string that character is inserted in the same place in the alphanumeric string as it appears in the edit string. Wherever there is a "9" in the edit string the next digit to the left of the decimal point in the numeric value is put in the same place in the alphanumeric string as the "9" is in the edit string. If there is no next digit it is assumed to be "0". A plus (+) in the edit string causes the sign of the numeric value (+ or -) to be put in the alphanumeric string in the same place as the plus (+) is in the edit string. A minus (-) acts the same as a plus (+) except that positive numeric values cause a space instead of a plus to be put in the alphanumeric string.

15.24.23.3.2.4. If there are any "Z's" or asterisks (\*), pluses(+), minuses (-) or multiple dollar signs in the edit string then editing proceeds, as outlined in the subparagraph above except "Z's", asterisks (\*), and the second and subsequent dollar signs (\$) are treated as 9's and then zero suppression and replacement take place according to these rules:

15.24.23.3.2.4.1. The first character eligible for suppression is determined to be the character in the alphanumeric string being built in the same place as the first Z, asterisk (\*), or comma (,) or the second plus, minus or dollar sign, whichever comes first in the edit string.

15.24.23.3.2.4.2. The last character eligible for suppression is determined to be the character in the alphanumeric string in the same place as the character just before the first 0, 9, or period in the edit string.

15.24.23.3.2.4.3. If the edit string character used to indicate suppression is a Z or an asterisk (\*) then all 0's and commas, starting from the first character eligible for suppression, will be changed to spaces (Z) or asterisks. Suppression and replacement will stop after the last character eligible for suppression is suppressed or before suppressing a character other than a 0 or a comma.

15.24.23.4. If the edit string character used to indicate suppression is a plus, minus or dollar sign, then suppression will be done as stated for suppression character “Z”. After suppression is complete, the single remaining plus, minus or dollar sign in the alphanumeric string will be moved to the position in the alphanumeric string of the last character suppressed (if any).

15.24.23.4.1. EXAMPLES:

15.24.23.4.1.1. To insert commas and a decimal point:

15.24.23.4.1.1.1. MOVE #NUM TO EF WITH EDITING ‘99,999,999.99’;

15.24.23.4.1.1.2. given #NUM = 1234567.89

15.24.23.4.1.1.3. then the string EF = ‘01,234,567.89’

15.24.23.4.1.2. To suppress leading zeros:

15.24.23.4.1.2.1. MOVE #NUM TO EF WITH EDITING ‘ZZ,ZZZ,ZZ9.99’;

15.24.23.4.1.2.2. given #NUM = 25.16

15.24.23.4.1.2.3. then the string EF = ‘ 25.16’

15.24.23.4.1.2.4. given #NUM = 1000.00

15.24.23.4.1.2.5. then the string EF = ‘ 1,000.00

15.24.23.4.1.3. To add the dollar (\$) sign:

15.24.23.4.1.3.1. MOVE #NUM TO EF WITH EDITING ‘\$Z,ZZ9.99’;

15.24.23.4.1.3.2. given #NUM = .26

15.24.23.4.1.3.3. then the string EF = ‘ \$ 0.26’

15.24.23.4.1.4. To float the dollar (\$) sign:

15.24.23.4.1.4.1. MOVE #NUM TO EF WITH EDITING ‘\$\$,\$\$9.99’;

15.24.23.4.1.4.2. given #NUM = 15.37

15.24.23.4.1.4.3. then the string EF = ‘ \$15.37’

15.24.23.4.1.5. To add the sign (+,-):

15.24.23.4.1.5.1. MOVE #NUM TO EF WITH EDITING ‘-Z,ZZZ.99’;

15.24.23.4.1.5.2. given #NUM = 8.33

15.24.23.4.1.5.3. . then the string EF = ‘ 8.33’

15.24.23.4.1.5.4. . given #NUM = -8.33

15.24.23.4.1.5.5. . then the string EF = ‘ - 8.33’

15.24.23.4.1.6. To float the sign (+,-):

15.24.23.4.1.6.1. MOVE #NUM TO EF WITH EDITING ‘--,-9.99’;

15.24.23.4.1.6.2. given #NUM = 9.44

15.24.23.4.1.6.3. . then the string EF = ‘ 9.44’

- 15.24.23.4.1.6.4. . given #NUM = -9.44
- 15.24.23.4.1.6.5. then the string EF = ' -9.44'
- 15.24.23.4.1.6.6. MOVE #NUM TO EF WITH EDITING '++,++9.99';
- 15.24.23.4.1.6.7. given #NUM =.56
- 15.24.23.4.1.6.8. then the string EF = ' +0.56'
- 15.24.23.4.1.6.9. given #NUM = -.56
- 15.24.23.4.1.6.10. . then the string EF = ' -0.56'
- 15.24.23.4.1.6.11. given #NUM = 1230
- 15.24.23.4.1.6.12. then the string EF = ' +1,230.00'
- 15.24.23.4.1.7. To add check protection:
- 15.24.23.4.1.7.1. MOVE #NUM TO EF WITH EDITING '\$\*,\*\*\*,\*\*\*.99';
- 15.24.23.4.1.7.2. given #NUM = 21.30
- 15.24.23.4.1.7.3. then the string EF = ' \$\*\*\*\*\*21.30'
- 15.24.23.4.1.7.4. MOVE #NUM TO EF WITH EDITING '-\*,\*\*\*,\*\*\*.99';
- 15.24.23.4.1.7.5. given #NUM = -876
- 15.24.23.4.1.7.6. then the string EF = ' -\*\*\*\*\*8.76'
- 15.24.23.4.1.8. To align decimal points:
- 15.24.23.4.1.8.1. MOVE #NUM TO EF WITH EDITING 'ZZ,ZZZ.99';
- 15.24.23.4.1.8.2. given #NUM = 8.99 then EF = 8.99
- 15.24.23.4.1.8.3. 12.15                      12.15
- 15.24.23.4.1.8.4. 130.15                      130.15
- 15.24.23.4.1.8.5. .    3000              3,300.00
- 15.24.23.4.1.8.6. .    55920              55,920.00
- 15.24.23.4.1.9. . To NORMALIZE large numbers which can be explained by this example:
- 15.24.23.4.1.9.1. Gasoline is stored on the database in thousands of gallons.
- 15.24.23.4.1.10. . To print gasoline in gallons, there are two solutions:
- 15.24.23.4.1.10.1. 1. Multiply gallons by 1000 (results may not fit in a NUDDN).
- 15.24.23.4.1.10.2. . 2. Normalize.
- 15.24.23.4.1.10.3. MOVE #GAL-IN-THOUS TO NGAL EDITING 'ZZZ,ZZ9,000';
- 15.24.23.4.1.10.4. . given #GAL-IN-THOUS = 25

15.24.23.4.1.10.5. . then the string NGAL = ‘  
25,000’

15.24.23.4.1.10.6. . The three zeros are inserted by the edit  
string not the data.

15.24.23.4.1.11. To NORMALIZE small numbers:

15.24.23.4.1.11.1. (i.e., print numbers smaller than can fit in the NUDDN)

15.24.23.4.1.11.2. . % #NUM is in 100 millionths

15.24.23.4.1.11.3. MOVE #NUM-IN-100-MILL TO EF EDITING  
‘.00000999’;

15.24.23.4.1.11.4. given #NUM-IN-100-MILL = .015

15.24.23.4.1.11.5. (i.e., fifteen 100 millionth)

15.24.23.4.1.11.6. then the string EF = ‘ .00000015’

15.24.23.4.1.11.7. . The first five zeros are inserted by the edit string, not the  
data.

### ***Section 15AE—Program Execution Control Verbs***

15.24.24. Purpose. To define the verbs which control the program execution sequence.

15.24.25. DO Verb.

15.24.25.1. Function. The DO verb executes a subroutine as if it were coded at the point  
of the DO verb.

15.24.25.2. Skeleton.

15.24.25.2.1. DO subroutine-name;

15.24.25.3. Syntax Rules. Subroutine-name is the name of a construct, without the colon  
(:), which fits the definition of a subroutine.

15.24.25.4. General Rules. The subroutine will be executed and then program control will  
be returned to the statement following the DO.

15.24.25.4.1. EXAMPLE:

15.24.25.4.1.1. A: SEQUENCE

15.24.25.4.1.2. PRINT ‘START #1’;

15.24.25.4.1.3. DO B;

15.24.25.4.1.4. PRINT ‘END #3’;

15.24.25.4.1.5. A: END

15.24.25.4.1.6. B: REPEAT 2 TIMES

15.24.25.4.1.7. PRINT ‘SUBROUTINE #2’;

15.24.25.4.1.8. B: END

15.24.25.4.1.9. RESULTS = "START #1"

15.24.25.4.1.10. "SUBROUTINE #2"

15.24.25.4.1.11. "SUBROUTINE #2"

15.24.25.4.1.12. "END #3"

#### 15.24.26. NULL Verb.

15.24.26.1. Function. This verb performs no executable function and is used as a place holder only. Typically, this verb would be used in a choice (CHOOSE) construct to indicate no action for certain conditions.

#### 15.24.26.2. Skeleton.

15.24.26.2.1. NULL;

15.24.26.3. Syntax Rules. None; the syntax is defined fully in the skeleton.

#### 15.24.26.4. General Rules.

##### 15.24.26.4.1. EXAMPLE:

15.24.26.4.1.1. A: CHOOSE SD = '01'

15.24.26.4.1.2. NULL; % this statement is not required (see next example).

15.24.26.4.1.3. A: OR DEFAULT

15.24.26.4.1.4. % put other instructions here

15.24.26.4.1.5. A: END

15.24.26.4.2. EXAMPLE: This example illustrates the previous example less the NULL.

15.24.26.4.2.1. A: CHOOSE SD = '01'

15.24.26.4.2.2. A: OR DEFAULT

15.24.26.4.2.3. % put other instructions here

15.24.26.4.2.4. A: END

#### 15.24.27. QUIT Verb.

15.24.27.1. Function. This verb is used to stop processing in the ASSUME leg of an assumption/admission construct and to process the ADMIT leg.

#### 15.24.27.2. Skeleton.

15.24.27.2.1. QUIT construct-name;

#### 15.24.27.3. Syntax Rules.

15.24.27.3.1. The construct-name must be the name of an assumption/admission construct, without the colon (:).

#### 15.24.27.4. General Rules.



15.24.27.4.1. The QUIT must be within the ASSUME leg (or within a subroutine unique to the ASSUME leg) of the assumption/admission construct being QUIT.

15.24.27.4.2. The QUIT would normally appear within a choice construct nested within the ASSUME leg of an assumption/admission construct. This allows for conditional termination of the ASSUME leg.

15.24.27.4.3. Upon execution of the QUIT verb processing in the ASSUME leg of the assumption/admission construct will be stopped and the ADMIT leg will be processed. The program will continue to process as if the ASSUME leg had never been processed; that is, as if the ADMIT leg had been processed when the program reached the assumption/admission construct.

15.24.27.4.4. The ADMIT leg of the assumption/admission construct should be programmed to undo the processing done by the ASSUME leg up to where the QUIT occurred.

15.24.27.4.4.1. EXAMPLE:

15.24.27.4.4.1.1. SEE ASSUME/ADMIT CONSTRUCT

#### 15.24.28. STOP Verb.

15.24.28.1. Function. The STOP verb stops execution of the program and closes all open files.

15.24.28.2. Skeleton.

15.24.28.2.1. STOP;

15.24.28.3. Syntax Rules. In order for the STOP verb to function as a program STOP image and not as an ECL STOP image, in the 801 runstream, the word "STOP" must not be placed in columns one through four of an image (reference runstream consideration).

15.24.28.4. General Rules.

15.24.28.4.1. Upon execution of this verb all open files are closed (reference CLOSE verb) and the program ends in an orderly fashion.

15.24.28.4.2. The program will end in the same manner after completing the main program construct even if no STOP verb is coded.

15.24.28.4.2.1. EXAMPLE:

15.24.28.4.2.1.1. MAIN-PROGRAM: SEQUENCE

15.24.28.4.2.1.2. |

15.24.28.4.2.1.3. |

15.24.28.4.2.1.4. |

15.24.28.4.2.1.5. B: CHOOSE BAD-DATA

15.24.28.4.2.1.6. STOP;           % Program may end here ---

15.24.28.4.2.1.7. B: END

15.24.28.4.2.1.8. |

15.24.28.4.2.1.9. |

15.24.28.4.2.1.10. |

15.24.28.4.2.1.11. MAIN-PROGRAM: END      % --- instead of here.

15.24.29. Purpose. To define the MISC verbs.

15.24.30. DUMP Verb.

15.24.30.1. Function. The DUMP verb creates a disk file containing a complete copy of all tokenized instructions, the contents of all data items, and all internal pointers so that a formatted listing for debugging can be produced.

15.24.30.2. Skeleton.

15.24.30.2.1. DUMP;

15.24.30.3. Syntax Rules. None; the syntax is defined fully in the skeleton.

15.24.30.4. General Rules.

15.24.30.4.1. EXAMPLE:

15.24.30.4.1.1. MAIN-PGM: SEQUENCE

15.24.30.4.1.2. |

15.24.30.4.1.3. |

15.24.30.4.1.4. |

15.24.30.4.1.5. C: CHOOSE I-NEED = 'HELP'

15.24.30.4.1.6. DUMP;

15.24.30.4.1.7. D: CHOOSE NEED = 'A-LOT'

15.24.30.4.1.8. STOP;

15.24.30.4.1.9. D: END

15.24.30.4.1.10. C: END

15.24.31. REM Verb.

15.24.31.1. Function. The REM verb produces no executable coding. It exists only to allow comments to be inserted within a program construct in the source code. It is a programmer aid and is used for documentation.

15.24.31.2. Skeleton.

15.24.31.2.1. REM comment-entry ;

15.24.31.3. Syntax Rules. None; the syntax is defined fully in the skeleton.

15.24.31.4. General Rules.

15.24.31.4.1. The REM verb phrase is like any other phrase in that it begins with the verb "REM" and must end with a semicolon (;). Also, it may appear only where other

verb phrases are allowed (within a CONSTRUCT) and may not appear in the middle of another verb phrase.

15.24.31.4.2. The REM verb phrase differs from other verb phrases in that everything between REM and the semicolon (;) is ignored. Reserved words and the percent sign (%) may be used anywhere within the comment-entry but will not have their usual effect.

15.24.31.4.2.1. EXAMPLE:

15.24.31.4.2.1.1. MAIN-PGM: SEQUENTIALLY

15.24.31.4.2.1.2. REM THIS PROGRAM READS THE ITEM RECORDS  
AND BUILDS

15.24.31.4.2.1.3. THE MONTHLY FIGMENT REPORT USED BY MR  
NEWTON.

15.24.31.4.2.1.4. ----- Notice, this is a 3 line remark -----;

15.24.31.4.2.1.5. DB-READ 101/ITEM-RECORD;

15.24.31.4.2.1.6. |

15.24.31.4.2.1.7. |

15.24.31.4.2.1.8. DO SUBROUTINE-1;

15.24.31.4.2.1.9. |

15.24.31.4.2.1.10. |

15.24.31.4.2.1.11. MAIN-PGM: END

15.24.31.4.2.1.12. Do not put REM here.

15.24.31.4.2.1.13. SUBROUTINE-1: CHOOSE SD = '01'

15.24.31.4.2.1.14. REM PUT SUBROUTINE REMARK HERE;

15.24.31.4.2.1.15. |

15.24.31.4.2.1.16. |

15.24.31.4.2.1.17. SUBROUTINE-1: END

15.24.32. SORT Verb.

15.24.32.1. Function. The SORT verb is used to arrange a disk file in either ascending or descending order.

15.24.32.2. Skeleton.

**Figure 15.46. SORT Skeleton.**

SORT filename  $\left[ \left\{ \begin{array}{c} \text{ASCENDING} \\ \text{DESCENDING} \end{array} \right\} \right]$  key-expression-1  $\left[ \left\{ \left[ \begin{array}{c} \text{ASCENDING} \\ \text{DESCENDING} \end{array} \right\} \right]$  key-expression-2  $\right] \dots ;$

15.24.32.2.1. Syntax Rules.

15.24.32.2.1.1. The filename is one of the internal disk filenames.

15.24.32.2.1.2. The key-expressions are pairs of positive integers, separated by commas, with no spaces in between.

15.24.32.2.1.3. Up to 64 key-expressions can be specified, not to exceed a total of 64 characters in all keys added together.

#### 15.24.32.3. General Rules.

15.24.32.3.1. The key-expressions point to the fields within each record to be used in determining the order of the file. The first number in the key is the starting character and the second is the ending character of the key. For example, the key-expression “32, 35” would specify the key field to be the 32nd, 33rd, 34th, and 35th character of each disk record.

15.24.32.3.2. If ASCENDING or DESCENDING is not specified, then whichever was specified last will be assumed. If neither has been specified in the program, ASCENDING is assumed.

15.24.32.3.3. Keys are specified in order of importance. Key-expression-1 is the major sort key, the last key is the minor sort key.

15.24.32.3.4. The sort treats all fields as alphanumeric and uses the ASCII collating sequence.

15.24.32.3.5. Errors in the sort will cause the program to terminate.

15.24.32.3.6. Sort will abort if no records are on the file to be sorted. It is the programmer's responsibility to ensure there are records to be sorted.

15.24.32.3.7. A DESCENDING order sort takes the “one’s compliment” of the data in the sort field, and then sorts that complimented data. Some special characters cannot be “one’s complimented” without causing error termination.

### 15.25. Error Message Definitions.

15.25.1. Purpose. To explain the ERROR message format and the actual ERROR messages.

15.25.2. Legend.

15.25.2.1. [1] = Program location where error occurred.

15.25.2.2. [2] = Message type:

15.25.2.3. \*INFO = Processing

15.25.2.4. \*SORT = sort statistics

15.25.2.5. \*USRERR = user error, (SURGE pgm error)

15.25.2.6. \*INTERR = internal error

15.25.2.7. [3] = Message number: see explanation of messages.

15.25.2.8. [4] = Message severity:

15.25.2.9. I = information only, does not affect processing.

15.25.2.10. W = warning error, does not affect processing but may effect results of SURGE program.

15.25.2.11. F = fatal error, processing terminated.

15.25.2.12. [5] = Additional information pertaining to the message, usually variables data from processing such as record counts.

15.25.2.13. [6] = Message literal.

15.25.2.14. [7] = OVERHEAD WORD COUNT (see Note 1)

### 15.25.3. Format.

15.25.3.1. \* \* \* \* \*

15.25.3.2. \* \* \* \* W A R N I N G W A R N I N G \* \* \* \* \*

15.25.3.3. \* \* \* \* W A R N I N G W A R N I N G \* \* \* \* (see Note 2)

15.25.3.4. \* \* \* \* \*

15.25.3.5. [1] [2] [3] [4] [5] [6] [7]

15.25.3.6. NGV003 X--X X---X X X X X-----XX-----XX-----X

15.25.3.7. \* \* \* \* \*

15.25.3.8. \* \* \* \* W A R N I N G W A R N I N G \* \* \* \* \*

15.25.3.9. \* \* \* \* W A R N I N G W A R N I N G \* \* \* \* (see Note 2)

15.25.3.10. \* \* \* \* \*

The overhead word count is the positional value of the error in the program.

\*\*\*\*\*DEBUGGING AID\*\*\*\*\*

appear only when [4] = 'F'.

**Note:** 1.

2. Warnings

### 15.25.4. Actual NGV003B Program Messages.

**Table 15.8. Actual NGV003B Program Messages.**

MESSAGE NUMBER	MESSAGE LITERAL EXPLANATION - ACTION -
1	NOT USED.
2	INAPPROPRIATE INSTRUCTION IN TOKEN. EXPLANATION - Fatal Internal Error. ACTION - refer to AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY.
3	DATE-TIME CONVERT ERROR. EXPLANATION - Fatal Internal Error.

	ACTION - refer to AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY.
4	BAD FCB INDEX IN OPEN TOKEN. EXPLANATION - Fatal Internal Error. ACTION - refer to AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY.
5	INCOMPATIBLE OPEN TOKEN/FCB. EXPLANATION - Fatal Internal Error. ACTION - refer to AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY.
6	ACSF\$ FAILED ON OPEN. EXPLANATION - A facility reject was returned following attempt to assign a user file. The assign statement (@ASG) and corresponding facility reject message will be listed on the PRINT\$ listing. ACTION - verify that the OPEN statement is correct.
7	BAD FCB INDEX IN CLOSE TOKEN. EXPLANATION - Fatal Internal Error. ACTION - refer to AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY.
8	INCOMPATIBLE CLOSE TOKEN/FCB (File Control Block). EXPLANATION - Fatal Internal Error. ACTION - refer to AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY.
9	CLOSE ATTEMPTED ON CLOSED FILE. EXPLANATION - SURGE program attempted to close a file that was already closed. ACTION - correct logic error in SURGE program.
10	ACSF\$ FAILED ON CLOSE. EXPLANATION - A facility reject was returned following an attempt to free a user file. The @FREE and the corresponding facility reject message will be listed on the PRINT\$ listing. ACTION - verify that the CLOSE statement is correct.
11	BAD FCB INDEX IN READ TOKEN. EXPLANATION - Fatal Internal Error.

	ACTION - refer to AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY.
12	<p>ATTEMPT TO READ FROM UNOPENED FILE.</p> <p>EXPLANATION - SURGE program attempted to read from an unopened file.</p> <p>ACTION - correct logic error in SURGE program.</p>
13	<p>ATTEMPT TO READ FROM FILE OPENED OUTPUT.</p> <p>EXPLANATION - SURGE program attempted to read from a file opened output, where write only operations are allowed.</p> <p>ACTION - correct logic error in SURGE program.</p>
14	<p>BAD FCB INDEX IN WRITE TOKEN.</p> <p>EXPLANATION - Fatal Internal Error.</p> <p>ACTION - refer to AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY.</p>
15	<p>ATTEMPT TO WRITE ON UNOPENED FILE.</p> <p>EXPLANATION - SURGE program attempted to write to a file not opened.</p> <p>ACTION - correct logic error in SURGE program.</p>
16	<p>ATTEMPT TO WRITE ON FILE OPENED INPUT.</p> <p>EXPLANATION - SURGE program attempted to write to a file opened for input.</p> <p>ACTION - correct logic error in SURGE program.</p>
17	<p>ATTEMPT TO SORT INAPPROPRIATE FILE.</p> <p>EXPLANATION - SURGE program attempted to sort a file other than DISK-1 through DISK-5.</p> <p>ACTION - Change SURGE program to only sort DISK-1 through DISK-5.</p>
18	<p>USERFILE RECORD SIZE TOO LARGE.</p> <p>EXPLANATION - The record size for a user file is larger than the maximum allowed for the particular record type.</p> <p>ACTION - use a smaller record size.</p>
19	<p>TOO MANY SORTKEY FIELDS.</p> <p>EXPLANATION - exceed maximum number of sort key fields (64 characters total).</p> <p>ACTION - use fewer sort keys, or consolidate.</p>

20	<p>SORTKEY SIZE TOO LARGE.</p> <p>EXPLANATION - The SURGE sort processor will use a sort record of the following size for each user-record to be sorted: (64 character max sort key plus 200 sort data characters not to exceed a total of 264 characters).</p> <p>ACTION - Use a smaller sort key. <b>Note:</b> The SURGE sort will round the sort key to the next larger word boundary (multiples of 4).</p>
21	<p>ATTEMPT TO SORT EMPTY WORK FILE.</p> <p>EXPLANATION - Attempted to sort a work file that has never been opened.</p> <p>ACTION - Correct logic error in SURGE program.</p>
22	<p>INVALID SORTKEY DATA.</p> <p>EXPLANATION - The SURGE program encountered an error while attempting to get sort key parameters.</p> <p>ACTION - Check sort key specifications, refer to AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY.</p>
23	<p>ACSF\$ FAILED ON @ASG,A FOR CATALOGED FILE.</p> <p>EXPLANATION - A facility reject was returned following an attempt to assign a sort input file. The assign statement (@ASG) and its corresponding facility reject message will be listed on the PRINT\$ listing.</p> <p>ACTION - Check for duplicate filenames for files open for work.</p>
24	<p>ACSF\$ FAILED ON @USE FOR CATALOGED FILE.</p> <p>EXPLANATION - A facility reject was returned following ACSF\$ call for @USE statement for a sort input file. The assign statement and the corresponding facility reject message will be listed on the PRINT\$ listing.</p> <p>ACTION: Check for duplicate filenames for files open to work.</p>
25	<p>SORT EXCEEDED MAX NUMBER OF RECORDS.</p> <p>EXPLANATION - The number of records released to the sort exceeded the maximum allowable sort records. 160,200 SORT-RECORDS.</p> <p>ACTION - Check for a logic error in the SURGE program causing an infinite loop when writing records to the file to be sorted.</p>
26	<p>INVALID SORTFIELD SEQUENCE.</p> <p>EXPLANATION - Fatal Internal Error, refer to HQ ELSG/IL.</p>
27	<p>INVALID START POSITION FOR SORT KEY.</p>



	EXPLANATION - Nonnumeric value for sort key start position. ACTION - Correct sort key start position.
28	INVALID END POSITION FOR SORTKEY. EXPLANATION - Nonnumeric value for sort key end position. ACTION - Correct sort key end position.
29	QUIT EXECUTED WITHOUT ACTIVE ASSUME. EXPLANATION - Programmer placed a QUIT verb in the wrong portion of the code. ACTION - Ensure that the QUIT verb (or a DO verb that contains the QUIT verb) is placed between the ASSUMPTION and the ADMISSION construct.
30	INVALID EXECUTABLE TOKEN. EXPLANATION - Fatal Internal Error, refer to HQ ELSG/IL.
31	W-T-F RECORD KEY ERROR (Work Token File). EXPLANATION - Fatal Internal Error or Empty NGV003UD960, refer to HQ ELSG/IL
32	INVALID INDEX/PARTIAL TOKEN. EXPLANATION - Fatal Internal Error, refer to HQ ELSG/IL.
33	INVALID DATA/POINTER TOKEN. EXPLANATION - Fatal Internal Error.
34	SER-DEFINED ITEM DOUBLE INDEXED. EXPLANATION - Fatal Internal Error.
35	INDEX OUT OF RANGE. EXPLANATION - Fatal Internal Error.
36	UNDIMENSIONED ITEM IS INDEXED. EXPLANATION - Fatal Internal Error.
37	PARTIAL OUT OF RANGE OR REVERSED. EXPLANATION - Invalid values used for partial item. ACTION - Correct from to partial values.
38	EMPTY DATA ITEM WAS REFERENCED. EXPLANATION - Fatal Internal Error.
39	ATTEMPT TO READ PAST END OF FILE. EXPLANATION - SURGE program attempted to read past end of file.

	ACTION - Correct logic error in SURGE program.
40	USER-DEFINED NUMERIC ITEM WAS PARTIALED. EXPLANATION - Fatal Internal Error.
41	SURGE-DEFINED ITEM INDEXED. EXPLANATION - Fatal Internal Error.
42	INDEX/PARTIAL NOT NUMERIC OR TOO LARGE. EXPLANATION - Fatal Internal Error.
43	INDEX/PARTIAL ZERO OR NEGATIVE. EXPLANATION - Fatal Internal Error.
44	RECORDS READ. EXPLANATION - Lists number of records read from the indicated file. ACTION - NONE.
45	RECORDS WRITTEN. EXPLANATION - Lists number of records written to the indicated file.
46	INVALID FCB FILE TYPE. EXPLANATION - Fatal Internal Error.
47	NO FILENAME IN FCB FOR CATALOGED FILE. EXPLANATION - Attempted to assign a catalogued file and no filename was provided. ACTION - Check the applicable OPEN statement for a valid filename.
48	INVALID BLOCK LENGTH IN FCB. EXPLANATION - The block length provided is not valid for the type of file.
49	STACK ERROR. EXPLANATION - Fatal Internal Error.
50	INVALID LENGTH FOR SPACES FUNCTION. EXPLANATION - The length parameter for the spaces function is invalid. ACTION - Correct the length parameter of the spaces parameter.
51	INVALID RECORD LENGTH IN FCB. EXPLANATION - The record length provided is not valid for the type of file. ACTION - Correct the record length for the file.

52	NOT USED.
54	INVALID TOKEN FOR OPERATION. EXPLANATION - Fatal Internal Error.
55	INVALID USER DEFINED RECORD KEY. EXPLANATION - Fatal Internal Error.
60	NUMERIC OPERATION WITH STRING DATA. EXPLANATION - Attempted to perform a numeric operation using string data. ACTION - Correct SURGE program.
61	O-FLOW OF RESULT FROM NUMERIC OPERATION. EXPLANATION - A size error occurred during an arithmetic operation. ACTION - Correct SURGE program.
62	STRING OPERATION USING NUMERIC DATA. EXPLANATION - Attempted to perform a string operation using numeric data. ACTION - Correct SURGE program.
63	INVALID OP CODE IN EVALUATE. EXPLANATION - Fatal Internal Error.
64	OPERANDS HAVE MISMATCHED DATA CLASSES. EXPLANATION - The two operands in an evaluate operation have different data classes. ACTION - Both operands in an evaluate operation should have the same class of data.
65	DATABASE KEY ERROR. EXPLANATION - Fatal Internal Error.
66	CONCATENATED STRING LENGTH TOO LONG. EXPLANATION - The sum of both operands in a concatenation operation exceeds the maximum length of 132 characters. ACTION - Check both operands in the SURGE program concatenate operation.
71	INVALID TOKEN, EXPECTED PTR TO FORMS MSG. EXPLANATION - Fatal Internal Error.
72	INVALID TOKEN, EXPECTED FORMAT PARAMETER.

	EXPLANATION - Fatal Internal Error.
74	EXPECTED TOKEN, NONE AVAILABLE. EXPLANATION - Fatal Internal Error.
75	NO SPACE AVAILABLE IN ALPHANUMERIC AREA. EXPLANATION - Fatal Internal Error. ACTION - Rewrite SURGE PGM or use drop verb on unused variables.
88	NO DATA AVAILABLE FOR EDIT MASK. EXPLANATION - Fatal Internal Error.
89	ATTEMPT TO EDIT NON-NUMERIC DATA. EXPLANATION - Fatal Internal Error.
90	INVALID TOKEN FOR EDIT MASK. EXPLANATION - Fatal Internal Error.
91	INVALID EDIT MASK. EXPLANATION - The first character in an edit mask was blank. ACTION - Correct the edit mask in SURGE pgm.
92	TOO MANY DECIMALS IN EDIT MASK. EXPLANATION - An edit mask contains more than 1 decimal point. ACTION - Correct edit mask in SURGE program.
93	INVALID CHARACTER IN EDIT MASK. EXPLANATION - An invalid character was found in an edit mask. ACTION - Correct edit mask in SURGE program.
94	NO TOKEN FOR ENDING CHARACTER. EXPLANATION - Fatal Internal Error.
95	INVALID TOKEN, EXPECTED ENDING CHARACTER. EXPLANATION - Fatal Internal Error.
96	ACSF\$ FAILED ON @ASG FOR PRINT FILE. EXPLANATION - Attempt to execute the ECL “@ASG,UP SURGE print file” failed. ACTION - Check for duplicate filename (i.e., Qualifier*Filename), according to the following format for the filename:?GV003Udnnnsd?. where nnn = a sequential number assigned by SURGE? beginning with 001 (max = 100) and? incremented by 1 for each subsequent SURGE? print file.? sd = System Designator.?.

97	<p>ACSF\$ FAILED ON @USE FOR PRINT FILE.</p> <p>EXPLANATION - Attempt to submit ECL “@USE” with ACSF\$ for SURGE print file failed.</p> <p>ACTION - Check for duplicate filename.</p>
98	<p>FORMAT VERB MUST PRECEDE FIRST PRINT VERB.</p> <p>EXPLANATION - A print instruction was not preceded by a format instruction.</p> <p>ACTION - Correct logic error in SURGE program.</p>
99	<p>INVALID LINE SPACING FOR PRINT.</p> <p>EXPLANATION - A print instruction contained line spacing other than the standard of 1, 2, or 3.</p> <p>ACTION - Check LINE SPACING of the FORMAT VERB.</p>
100	<p>CANNOT MOVE TO DBDN ITEM.</p> <p>EXPLANATION - Database items cannot be receiving fields.</p> <p>ACTION - Correct SURGE program.</p>
101	<p>DOUBLE INDEXING NOT ALLOWED AFTER TO.</p> <p>EXPLANATION - Only certain database names can be double indexed (2,3) and no database item can be a receiving field.</p> <p>ACTION - Correct SURGE program.</p>
102	<p>STRING CANNOT BE CONVERTED INTO NUMBER.</p> <p>EXPLANATION - Under certain conditions, SURGE will try to convert strings to numbers. If string is not numeric, conversion is not possible.</p> <p>ACTION - Ensure string contains only these characters blank (^), 0 through 9, +, -, and only one decimal (.).</p>
103	<p>EXCESSIVE INDEX.</p> <p>EXPLANATION - Index is larger than table size.</p> <p>ACTION - Correct SURGE program.</p>
104	<p>TRUNCATION OF NUMERIC ITEM.</p> <p>EXPLANATION - Numeric item was moved to an SDDN which was too short.</p> <p>ACTION - Correct SURGE program.</p>
105	<p>TRUNCATION OF STRING DATA.</p> <p>EXPLANATION - Receiving field too short.</p> <p>ACTION - Correct SURGE program.</p>

106	<p>BEGINNING PARTIAL IS ZERO.</p> <p>EXPLANATION - Example: DATA[0,2). A partial cannot begin with zero (0).</p> <p>ACTION - Correct SURGE program.</p>
107	<p>BEGINNING PARTIAL &gt; ENDING PARTIAL.</p> <p>EXPLANATION - Example: DATA[5,2). A partial cannot begin at 5 and end at 2.</p> <p>ACTION - Correct SURGE program.</p>
108	<p>ENDING PARTIAL BEYOND END OF DATA ITEM.</p> <p>EXPLANATION - If a data item is eight (8) characters long, the following is wrong: DATA[6,9]. Position 9 does not exist.</p> <p>ACTION - Correct SURGE program.</p>
109	<p>DROPPED ITEM MISSING OR NOT INDEXED.</p> <p>EXPLANATION - 1) Cannot drop a data name that has never been used. DROP ITEM-LOC; - 2) Cannot drop one entry of a data item if data item is not a table. DROP VAR(3).</p> <p>ACTION - Correct SURGE program.</p>
110	<p>INVALID PAGE NUMBER COLUMN IN FORMAT.</p> <p>EXPLANATION - Page number column not in range of 1 through 123.</p> <p>ACTION - Correct SURGE program.</p>

## Chapter 16

### PROGRAM RESUMES

#### *Section 16A—General Overview*

**16.1. Overview.** This chapter contains a brief resume of all the programs used in the Standard Base Supply System ADS. **Sec. 16B** lists programs in numerical sequence with a brief resume of their purpose and function. Detailed operating procedures and instructions for Computer Operations are outlined in AFH 23-123, Vol 2, Pt, Ch 5 and 6, and this part. **Note:** Information regarding Fuels and Munitions is retained for reference purposes only.

#### *Section 16B—Program Resumes.*

#### **16.2. Program Number Assignment.**

16.2.1. USAF Programs. Standard system code/ADS identifier GV is assigned to the SBSS. The NGV prefix serves to control SBSS related documentation and software during distribution phases. Since implementation, follow-on enhancements have required some variation in the internal handling of unique application routines. SBSS programs applicable to the batch processing mode (twilight/reports) appear on the Program Bank Index (PBI) with a NGV prefix.

16.2.2. A given program, such as 933, requires separately mapped ABSOLUTES to accommodate different processing mode demands. The standard SBLC (SBSS/NGV) program identification numbers assigned for SBSS applications consist of six alphanumeric characters and are assigned to the following categories/subcategories:

**Table 16.1. Categories for Program Identification Numbers.**

<b>PROGRAM-ID NUMBER</b>	<b>CATEGORY</b>
NGV000	RESERVED
NGV001-NGV050	General purpose and software application utility programs which are primarily used for SBLC Computer support operations.
NGV051-NGV099	Specialized SBSS application utility programs which are primarily used for direct support of USAF Materiel Management operations.
NGV100-NGV199	Special purpose and one-time application utility programs that are used for one-time SBSS file conversion, maintenance, or other infrequent applications.
NGV200-NGV299	Applications support and supervisory programs.

NGV300-NGV399	Recurring specialized and utility programs for AFMC SCM-R Information Technology Activity.
NGV300-NGV319	USAF Management Data Bank
NGV320-NGV334	Quality Control/Product Review
NGV335-NGV350	File Maintenance
NGV351-NGV369	Item Accounting/Inventory Management
NGV370-NGV389	Supply Reports
NGV390-NGV399	Accounting and Finance/Materiel Systems
NGV400-NGV599	File Maintenance
NGV600-NGV775	Item Accounting
NGV776-NGV919	Reports
NGV920-NGV999	Accounting and Finance

16.2.3. Major Command Programs. Programs designed and developed by major commands are assigned five-character identification numbers. These numbers are assigned in the following standard format:

**Table 16.2. Major Command Program Identification Numbers.**

ID NUMBER OF POSITIONS	TYPE CHARACTER	DESIGNATION
3	Alpha	System Code (NGV)
1	Alpha	Major Command Code (AFH 23-123, Vol 1, Ch 2)
2	Numeric	Program Identification Number

16.2.4. Training Programs. Those programs designed and developed for formal AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY, Air Training and Education Command (AETC), or Major Command programmer training courses will be assigned six alpha character identification numbers.

### **16.3. Utility Programs (NGV000 THROUGH NGV099).**

16.3.1. Purpose. To provide direct support of USAF Materiel Management operations, to include database verification, scanning, rehoming, and maintaining base constants.

16.3.2. Programs NGV003, NGV003A, and NGV003B. Programs (NGV003, NGV003A, NGV003B) are referred to as the Supply User Report Generator (SURGE). They allow users to access the database in a read-only mode to produce reports on selected data. SURGE can also be used as a stand-alone program to manipulate data files produced by QLP, other SURGE programs, or Materiel Management programs, and then produce reports and other disk files.



16.3.2.1. NGV003. This program reads the SURGE source code, written by the Materiel Management user, and converts it to a form that can be read by the SURGE compiler (NGV003A) which is written in COBOL. This program also reads the options on the SURGE select card and controls the appropriate response.

16.3.2.2. NGV003A. This program compiles the SURGE source code provided by NGV003 above and compiles it down into an intermediate programming language referred to as "Tokens". A compiler, by definition, converts a few simple English type words into many instructions. Each Token is a simple primitive instruction. The tokens are saved in a MSAM file for use by the executor (NGV003B). This program is written in COBOL.

16.3.2.3. NGV003B. This program reads the Token file provided by NGV003A above and executes them as necessary, and in the order required, to accomplish the original intent of the SURGE user/programmer. Each Token directs this COBOL program to do a specific piece of code which performs math, read files, reads the database, branch for loops, repetition, and decisions, print reports, and all the other various things that SURGE can do.

16.3.3. NGV020. This program computes the Inventory Balance and stores the results in 022-FILLER-1. If different, move the computed Inventory Balance to 022-FILLER-1. The program should also output a discrepancy list in column format. The program will display 'NO DISCREPANCIES DETECTED' if there are no discrepancies.

16.3.4. NGV024. Item Record and Repair Cycle Record Link Check provides the RPS with the capability to verify that a repair cycle record exists for each XD or XF type item record or that an XD or XF type item record exists for each repair cycle record. The program provides a listing of errors detected, by type, and reflects the data contents of the record.

16.3.5. NGV027. Fail Safe provides the RPS operator with the ability to produce counts of basic records and detail records on the SBSS database. Selective edits are also performed on the item records and detail records. If an error occurs, the database key, contents, and error type are printed along with the counts.

16.3.6. NGV028. Satellite Rehoming Download provides the capability to transfer selective satellite records to tape for rehoming actions. The records selected for processing based on the system designator(s) requested are: item, detail, authorized/in-use detail, repair cycle, fuels gains/loss, ARMS, inventory accuracy, routing identifier, and fuels management records. The option exists to convert data elements in the item, detail, repair cycle, and authorized/in-use records according to the option in the parameter image.

16.3.7. NGV029. Support Record Downloader/Uploader downloads to tape 11 different types of basic support records, and it will upload these records to a newly created SBSS Host Account. The tape created by the download must be used for this upload.

16.3.8. NGV030. Satellite Rehoming Upload provides the capability to load selective records to the SBSS database from the rehoming tape generated by program NGV028. When the same stock number, but different system designator, is previously loaded, the common data elements on the item record are transferred to the record being loaded. A printout will be produced indicating the number of records loaded and any reject notices that may be generated.

16.3.9. NGV031. Change Stock Record Account Number scans the ITMDTL-AREA, REPCYC-AREA, PRTNBR-AREA, ATHINU-AREA, and ISG-AREA of the SBSS database

for item records, repair cycle records, part number detail, authorized/in-use detail, and interchangeable and substitute group records when: there is a directed change to SBSS database records for a stock record account number SRAN and/or there is a directed change to SBSS database detail record (DIFM, special level, and WRM WCDO spares detail) major command codes within a specified system designator.

16.3.10. NGV032. Download Bypass Record Area downloads all batch related items to the bypass record area of the secondary database at the end of each successful batch processing cycle.

16.3.11. NGV033. Upload Bypass Record Area reloads all batch related items in the bypass record area downloaded by program NGV032 to the secondary database record area at the start of each batch processing cycle.

16.3.12. NGV040. New Host Record Loader builds and initializes the necessary records required to establish an SBSS host/bare base account.

16.3.13. NGV041. CTH Record Download (UTL041) downloads and/or deletes consolidated transaction history (CTH) records and writes them to magnetic tape. Download may be for a single date or a range of dates (not to exceed 31 day span).

16.3.14. NGV042. CTH Record Verification (UTL042) verifies (counts) the number of consolidated transaction history records on the database. Verification may be for a single date, a range of dates or all dates on the database.

16.3.15. NGV043. CTH Record Upload (UTL043) reads magnetic tapes created by program UTL041 and loads the records from the magnetic tape to the consolidated transaction history (CTH) area on the database.

16.3.16. NGV061. Document NBR Cleanup deletes Document NBR (103) records that are owners of an empty set.

16.3.17. NGV068A. Base Constants Load provides each LRS function with the capability to determine each base requirement for input and output processing. The base constant elements are assigned at base level and loaded to Multi-Sequential Access Method (MSAM) files by this program. This data is passed to programs NGV269 and NGV068B for database updates.

16.3.18. NGV068B. Base Constants/Terminal Load provides the LRS function with the capability to reload the Base Constants/Terminal MSAM data files to the database. If any errors occur, correct and verify the MSAM files with NGV068A and reprocess NGV068B.

16.3.19. NGV068C. Batch Base Terminal Data Load provides each Base Level function with the capability to re-create corrupt Multi-sequential Access Method (MSAM) terminal data files.

16.3.20. NGV068D. Base Constants Conversion Program converts the constants and support data file to proper format. Process only when directed by AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY.

16.3.21. NGV070. Rehome Cleanup. This program deletes the records of a satellite that has transferred (rehomed) to another base.

16.3.22. NGV071. Stock Number User Directory Reconciliation reads the item records sequentially and identifies those item records with SNUD eligibility. A SNUD reconciliation record (BDF/BVA) is written to file for each stock number selected.

16.3.23. NGV073. AFMC/SNUD Annual Reconciliation provides for processing annual SNUD reconciliation data received from AFMC. Program reads AFMC file and places transactions in three disc files depending on document identifiers (DICs).

16.3.24. NGV075. Munitions Cleanup. This program deletes only the munitions (type account K) item, detail, and other munitions records from the specified system designator in the select image. Munitions management records are not deleted. These records are required for end-of-year close-out processing.

16.3.25. NGV076. Defense Base Operating Fund (DBOF) Flag Change. This program will set the DBOF flag to on or off on the 311, 518, 201, and 202 records. Must be processed as required.

#### **16.4. Applications Support and Utility Programs (NGV200 Through NGV299 and NGVU02 through NGVS33).**

16.4.1. Purpose. To provide the interface between Materiel Management application programs and the S2200 mainframe executive system.

16.4.2. NGV202. Transaction History Record Online Inquiry Program selects Consolidated Transaction Histories (704 record) and Transaction Histories (901 record) from the database. It retrieves selective item record data, if available. Also, the program does the following:

16.4.2.1. Calls the applicable input screen based on the option chosen from the Transaction History Master Inquiry Menu and edits input CTH, CTHNSN, CTHSER, and CTHMISC.

16.4.2.2. Selects 704 and 901 records based upon input options. Retrieves the data and format output. Writes records to the output buffer/paging file.

16.4.2.3. Generates on-screen management notices.

16.4.2.4. Calls program NGV204 to handle the output buffer/paging file.

16.4.3. NGV203. Message Output Routine Environment (MORE) Query. Its purpose is to query the MORE processor to determine if there are any PIDs which have output queued to them. If a PID has output queued and that PID was suspended via MORE, then pass that information to the SBSS using program NGV208A.

16.4.4. NGV204. Output Buffer/Paging Handler is called by program NGV202 to format the output created from CTHNSN and CTHSER inquiries. Output screens to handle abbreviated, short, or detailed inquiries are CTHDTL and PAGING.

16.4.5. NGV205A. System Standard Subroutines is a COBOL subprogram that assigns a temporary application support file and stores SBSS audit records, transaction histories, document images, and output images in the file. It is called by SBSS application programs.

16.4.6. NGV205B. Standard/Common SBSS Subroutines is a special library program which contains the following subroutines:

16.4.6.1. Subroutine CP005 - Compute Square Root, computes the square root of a given number.

16.4.6.2. Subroutine CM00Z - Compute Julian Date Difference, computes the difference in days between any two Julian dates. It compensates for a decade change, but not for the additional days in a leap year.

16.4.6.3. Subroutine CM008 - Requisition Serial Number Update, checks for the availability of a requisition serial number, builds a complete MILSTRIP requisition number, and updates the requisition serial number in the special control record.

16.4.6.4. Subroutine VM00M - Unit Price Conversion Routine, converts unit price to extended price and half adjusts if mils are in the unit price.

16.4.6.5. Subroutine CM003 - Character Check, checks for the presence of alpha, numeric, special and blank characters or all zeros in a variable length field.

16.4.6.6. Subroutine \*CNF - SD-RI-SRAN Lookup, locates a specific SRAN, routing identifier code, or system designator stored on the base constants-1 record and returns the SRAN, routing identifier code and system designator as one field.

16.4.6.7. Subroutine CM00C - Unit of Issue Conversion, fetches the unit issue conversion record required for the type of conversion to be performed, and then converts the quantity based on the conversion rate found in the unit issue conversion record.

16.4.7. NGV205D. Inline Direct File Processor - NGV205D provides the inline programs two direct work files. These files are assigned to the run unit during execution and freed upon termination.

16.4.8. NGV205E. Bit Manipulator - Program NGV205E evaluates the bit settings of data fields. Inline and batch programs call NGV205E to determine if a bit in a byte is ON or OFF.

16.4.9. NGV205F. Converts Schema to Display - Program NGV205F converts the binary fields in the database schema records to display. Application program calls NGV205F to obtain the display data for printing.

16.4.10. NGV205G. Octal to Decimal and Reverse - This program converts octal values to decimal and decimal to octal values.

16.4.11. NGV205H. Thirty- To One Hundred Twenty -Minute Inline Output - Inline programs store output to either a 30- or 120- minute database area. NGV205H retrieves every 30 minutes and produces the output images from the 30-minute database area. Every 120 minutes, the program produces the images in the 120-minute database area.

16.4.12. NGV207. RPS Operator/SBSS Communication Interface Batch Processor - Program NGV207 is called by program NGV207B to start all SIFS batch jobs when END card has processed. It also starts program NGV203 to query the MORE processor for redirection of suspended inputs.

16.4.13. NGV207B. RPS Operator/SBSS Communication Interface - Program NGV207B processes the END select image which terminates the inline mode and initiates the twilight mode. In this mode, no input transactions will be accepted from the inline terminals. To provide the RPS/main site operator the capacity to initialize or override the base constants-2 record (terminal data), program NGV207B processes the COM REM input transaction. With this transaction, the operator can initialize one or all terminals UP, mark a terminal DOWN, place a terminal in RECEIVE mode only, place a terminal in OUTPUT mode only, with its

output rerouted to the RPS/main printer and reroute a terminal's output to any desired output function number.

16.4.14. NGV208A. SBSS Functional System Analyzer (FSA) - Program NGV208A processes all inline transactions entered via Pseudo Reader, NGV208B, program NGV324 and any TIP/TIWADS device. The program determines which inline program must process the input transaction. NGV208A passes this information and the transaction to NGV209A for processing.

16.4.15. NGV208B. SBSS Requirements Driver - NGV208B drives the releveling and follow-up process by creating the appropriate LVL or FUP inline transaction and passing it to NGV208A processing and submission to NGV208A. This continues until releveling and follow-up is complete.

16.4.16. NGV209A. Inline Driver serves as the communication link between the programs required to process the SBSS transactions. They perform the program calls. They also strip and align data in an 80-position format from a filled-in screen.

16.4.17. NGV209S. DPS Screen Handler serves as a DPS Screen Handler for any screen request.

16.4.18. NGV210. SBSS Initialization Routine provides the RPS/main site operator the capability to initialize the SBSS system for either inline or off-line processing. Depending upon the settings of the control flags on the special control record and the codes in the INT transaction, program NGV210 accomplishes the following four types of initialization:

16.4.18.1. Beginning of day (BOD).

16.4.18.2. Restart inline.

16.4.18.3. Restart off-line.

16.4.18.4. Restart beginning-of-day.

16.4.18.5. Initializing the SBSS system consists primarily of setting the appropriate flags ON/OFF in the special control record and initializing the base constants-2 record. When the base constants-2 record is initialized, all terminals are logically placed in an UP or DOWN status with all override function numbers removed. When the initialization is complete, program NGV210 will produce a 725 reject notice on the RPS/main site console.

16.4.19. NGV211A/B. End-Of-Transaction Online/Batch is responsible for performing the following functions for all inline and batch programs.

16.4.19.1. Transfer of output data (documents REJ/MGT notices, alternate print/output files) generated by the inline or batch process to the output function or area designated to receive the output data.

16.4.19.2. Assignment of transaction serial numbers and the writing of transaction history records to the SBSS database record area (DBRA).

16.4.19.3. Logging of audit trail data generated by the inline batch and program NGV211A/B to the system log file.

16.4.19.4. Storing of output images on the SBSS database.

16.4.20. NGV211C. NGV211C Batch End-of-Transaction Logger - Executes in every batch runstream, reads log information from the work file in file, which was written by NGV205B, and logs the data to DMR audit trail tape.

16.4.21. NGV214. Inline/Twilight Symbiont Processor - Program NGV214 is called by NGV211A to output documents and alternate print/output file to a specified NTR device.

16.4.22. NGV215. Reject and Restore - Provides the SBSS application programs with a standard method for processing reject and error conditions. Each reject message consists of the input image, reject phrase, date, time, override flags, and up to four lines of supplemental data lines. A suspense record is written to the daily reject suspense record. A restore condition restores the database to its original condition. Each reject may be sent to additional terminals including the terminal originating the transaction. Each of the above conditions may be overridden and any combination may occur.

16.4.23. NGV220. SBSS to MASS Interface - Accepts input from SBSS and passes transaction to MASS by calling DGW005.

16.4.24. NGV221A. Pseudo Reader Loader - Processes the PSU transaction which provides the capability to start and restart the Pseudo Reader (NGV221B), delete pseudo transaction, obtain pseudo's status and set the desired processing frequency.

16.4.25. NGV221B. Pseudo Reader - Loads and processes inline and twilight transactions submitted through the RPS. The transactions are placed in one of three queues and then passed to the inline or twilight driver for processing.

16.4.26. NGV224. DMU Patch Report Processor - To provide a report of a FIX document that was created by NDA500. It is scheduled immediately following execution of the DMU patches provided by the user of program NDA500.

16.4.27. NGV225. Create Consolidated History Control Record - Creates the CT-HISTORY-CONTROL and CT-SUPPORT records before loading CTH records. Each primary gang supporting the system requires a CT-HISTORY-CONTROL record.

16.4.28. NGV226. Interactive Communications Interface (ICI) Handler handles the SBSS interface with the ICI processor. When an ICI interface is required, the SBSS application programs (issues, shipment, etc.) set internal ICI flags and call program NGV205A, which in turn calls program NGV226. Program NGV226 then calls the ICI processor and internally passes the applicable interface records and the ICI flag settings data which tell the ICI processor where to send the interface records. If the ICI processor is down or the ICI mailbox is full or inaccessible, program NGV226 places the SBSS in Twilight Mode And Advises The Remote Processing Station (RPS) operator of such action taken with a management notice.

16.4.29. NGV227. SBSS Miscellaneous Handler - Accepts input from screen #133 (TRIC 2 HQ). Stores the user supplied data to the 2-HR-IMAGE record.

16.4.30. NGV228. ADS-Interface Record Manipulator - Allows user to inquiry, load, change, or delete the ADS Interface record. On add and delete options, it sets the 001-ADS-ACTIVE indicator to ADS-ID.

16.4.31. NGV230A. SIFS INBOUND MAIN DRIVER - Copies Extracts and verifies the DDN inbound data images for the SBSS account from the RAW-INBOUND-BLAMES-

IMAGES file received via DDN (NGV230). Assigns disposition codes and other control database on the information stored on the SIFS INBOUND EQUATE RECORD (1JB).

16.4.32. NGV230ADR. SIFS INBOUND DISPATCH RUN - Program calls NGV230A for dispatching of data images.

16.4.33. NGV230B. SIFS INBOUND GANG PROCESSOR - Builds ECL and starts concurrent runs for each gang configured. Assigns disposition codes and other control database on the information stored on the SIFS INBOUND CONTROL RECORD (1JC).

16.4.34. NGV230BDR. SIFS INBOUND GANG PROCESSOR - Program calls NGV230B for dispatching of data images.

16.4.35. NGV232O. OUTBOUND BCAS BATCH PROCESSOR - Extracts data from the SIFS Outbound BCAS Image Record (736), and writes them to the BCAS Queue specified on the SIFS-HEADER record (1JA), by the user.

16.4.36. NGV232ODR. OUTBOUND BCAS BATCH PROCESSOR CALL - Program calls NGV232O for transfer of BCAS images.

16.4.37. NGV237C. SIFS CUD FILE VIEWER - Allows users to add, change, or delete SIFS routing information on all outbound batch programs. The CUD-File contains all the vital data required for SIFS to send data through ADRSS. Users are responsible for all the entries in this file with the exception of those designated as AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY ENTRIES.

16.4.38. NGV237D. DUD FILE VIEWER - Allows users to view, add, change and delete SIFS DUD-FILE entries. The DUD-FILE contains all the vital data required for SIFS to dispatch data locally. Entries within this file will allow users to route data to 1) Pseudo, 2) User Files, 3) Elements, or 4) Queues or sites (i.e., NTR76P).

16.4.39. NGV237E. SIFS DISPATCH ROUTING - Allows users to dispatch data files locally via the SIFS DUD File. Once SIFS determines the data file to be for local dispatch, NGV237E utilizes routing information contained in the DUD FILE for disposition.

16.4.40. NGV237F. SIFS ADRSS ROUTING. NGV237F scans the SIFS CUD file for a matching Report-ID. When a match has been located, NGV237F uses the information contained in the CUD file to create an ADRSS TEX Header Record. Once the ADRSS Header record is created, NGV237F copies the file to the ADRSS trigger file (VAADTEU) for DDN transmission.

16.4.41. NGV237M. MANUAL ADRSS ROUTING PROCESSOR - Provides users with a manual means of registering program files with ADRSS for outbound distribution. NGV237M calls NGV237F which scans the SIFS CUD file for matching data; NGV237F then triggers the file with ADRSS.

16.4.42. NGV237MDR. SIFS MANUAL ADRSS PROCESSOR - Allows the user to manually route an ADRSS file via GV237MDR. The user must have a valid CUD file entry for the file that they are dispatching.

16.4.43. NGV237N. MANUAL DISPATCH ROUTING PROCESSOR - Provides users with a manual means of dispatching a file locally. NGV237N will call NGV237E which will scan

the SIFS DUD file for a matching QUALIFIER\*FILENAME. Once found, NGV237E will dispatch the file according to the user's specifications.

16.4.44. NGV237NDR. SIFS MANUAL DISPATCH PROCESSOR - Allows the user to route a dispatch file via GV237NDR to a Pseudo, queue, or another file. You do not have to have a DUD file entry to use this option. If the file is not found it will prompt you for the destination information.

16.4.45. NGV237X. SIFS ADRSS BATCH PROCESSOR - Reads the SIFS-DLATS-ADRSS Record (724), and writes the images to output data file (GANG)GV0<ALN><PLN>00\*GV237XUD700. Once the file has been created, program NGV237X calls NGV237F for disposition of the file. NGV237F copies file (GANG)GV0<ALN><PLN>\*GV237XUD700. to file (GANG)GV0<ALN><PLN>\*VGV237. and triggers it with ADRSS.

16.4.46. NGV237XDR. SIFS ADRSS DISPATCH RUN - Program calls NGV237X to dispatch DLATS images to the ADRSS system.

16.4.47. NGV239. HUD FILE VIEWER - Displays all SIFS transaction history data from initialization of the History file to present. All SIFS jobs are registered within this file. Users can view the start/stop times of all runs as well as error notices and ADRSS registrations.

16.4.48. NGV240. HISTORY FILE REPORT PROCESSOR - Provides users a report containing all SIFS transactions that occur during inline, twilight, utility and report modes. The SIFS History file is sited to the print queue specified by the user in the DUD file. A copy of the file is also saved to file (GANG)GV0\*SIFS-HISTORY.

16.4.49. NGV240O. SIFS OUTBOUND AFEMS BATCH - Extracts data from the SIFS AFEMS OUTBOUND IMAGE record (748), writes the entry to the SIFS SUD file and registers the images with ADRSS for DDN transfer. This program is executed by processing the 'END' image when thresholds are met or by executing NGV240ODR.

16.4.50. NGV240DR. DAILY TRANSACTION HISTORY REPORT - Program calls NGV240 for creation and disposition of the Transaction History Report.

16.4.51. NGV240ODR. OUTBOUND AFEMS BATCH PROCESSOR - Program calls NGV240O for disposition of outbound AFEMS data.

16.4.52. NGV241E. SIFS INBOUND EQUATE UPDATE - To create and maintain the INBOUND SIFS EQUATE record in a DMS TIP environment. This record is used by SIFS on the distribution of inbound data images. It tells SIFS which fields to route on in the data image. Users will normally update this record only upon specific request by AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY or if an obvious error/change is detected. Normally, these records will remain in place and will NOT need to be updated. If SIFS does not find a corresponding entry in this field, it will put the image in residue.

16.4.53. NGV241H. SIFS HEADER RECORD UPDATE - To create and maintain the SIFS header record in a DMS/UDS TIP environment. SIFS programs will use this record during data dispatch processes.

16.4.54. NGV241I. SIFS INBOUND CONTROL UPDATE - To create and maintain the SIFS INBOUND-CONTROL record in a DMS/UDS TIP environment. SIFS programs will



dispatch images arriving on base through DDN (that is, the ADRSS II (AA) system), based on the contents of this record.

16.4.55. NGV241O. SIFS OUTBOUND CONTROL UPDATE - To create and maintain the SIFS OUTPUT-CONTROL record in a DMS TIP environment. SIFS programs dispatch images output from SBSS application programs based on the contents of this record.

16.4.56. NGV243. SIFS INBOUND SNUD PROCESSOR - The purpose of the SNUD processor is twofold; 1) to allow for modular processing and, 2) to provide restart points. NGV243 will examine the inbound SNUD data images and will perform the following functions:

16.4.56.1. Pass those SNUD images with or without an effective date to pseudo for processing.

16.4.56.2. Examine SNUD data images with an effective date. If the effective date is equal to or less than 002-ORDINAL-DATE, then these images will be passed to pseudo for processing. If the effective date is greater than the current 002-ORDINAL-DATE then these images will be written to the SIFS SNUD IMAGE record (729). This process will be repeated until all SNUD data have been processed.

16.4.57. NGV244. SIFS CUD FILE MULTIPLE ENTRY PROCESSOR - Allows users to add, change, or delete SIFS routing information on all outbound batch programs. The CUD-File contains all the vital data required for SIFS to send data through ADRSS.

16.4.58. NGV245. SIFS DUD FILE MULTIPLE ENTRY PROCESSOR - Allows users to add, change, view, and delete SIFS DUD file entries on all locally dispatched files. NGV245 gives the user versatility on dispatching data images within the SBSS.

16.4.59. NGV246. SIFS INBOUND RESIDUE VIEWER - Accumulates all inbound images that could not be routed by NGV230A/B due to invalid SRAN, routing indicator, inbound equate record (1JB), or inbound control records (1JC). Allows the user to extract the rejected images by TRIC, date or reason for reject. The user can place the images in a user file for distribution to the accountable section.

16.4.60. NGV247. SIFS OUTBOUND RESIDUE VIEWER - Accumulates all outbound images that could not be routed by NGV250 due to invalid SRAN, routing indicator, or outbound control record (1JD). Allows the user to extract the rejected images by TRIC, date or reason for reject. The user can place the images in a user file for distribution to the accountable section.

16.4.61. NGV250. SIFS MAIN DRIVER - Checks the SIFS Control Records to determine disposition of inline TRICs. Writes inline images to the appropriate SIFS database record. Checks the SIFS Header record (1JA), for user specified threshold counts and executes the corresponding SIFS program when 75 percent of the user's threshold has been met.

16.4.62. NGV250B. SIFS BCAS/CIAPS SPECIAL ROUTINE - This subprogram is used to dispatch data images that are generated by program NGV583. This program takes the 1LH data images generated by NGV583 and brakes them out by SRAN. A control brake is set up based on the SRAN located in columns 15-20 of the 1LH image. The destination queue is determined from the 722 SIFS Header Record. A call is made to program NGV237M for dispatching of the file.

16.4.63. NGV250H. SIFS HOLD BATCH PROCESSOR - NGV250H reads all images from the SIFS-HOLD (751 record) area on the database and places them into user files or elements specified on the Output Control record (721).

16.4.64. NGV250DR. SIFS OUTPUT DISPATCH RUN - Initiates all SIFS outbound runs NGV2320, NGV250H, NGV237X, NGV240, and NGV240O.

16.4.65. NGV250HDR. SIFS HOLD DISPATCH RUN - Dispatches images in the SIFS HOLD area (751 Record), according to the output control record (1JD).

16.4.66. NGV252. SIFS OUTPUT CONTROL RECORD VIEWER - Allows the user to view and manipulate the output control records through demand. The advantage of this program is that it reads and displays all output control records from the database (721 record) in a user friendly format, allowing them to be manipulated much easier than through tip. Once updates have been made to the OCR-FILE, they can be written back to the database.

16.4.67. NGV253. SIFS SUD FILE VIEWER - NGV253 allows users to view the status of all SIFS files that have been registered with the ADRSS system. When ADRSS FTPs Materiel Management data to a designated location specified in the SIFS CUD file, it will pass a status code of E1 through E9 for retransmittal attempts an EX or EF for ADRSS errors or a TF for good transmission.

16.4.68. NGV259. SIFS Infile Handler - Program called by NGV237F and NGV237E to remove control/routing information from infile images.

16.4.69. NGV260. SIFS UTILITY MASTER MENU - Displays all SIFS processors in a user-friendly format. It contains help screens which display a synopsis of every SIFS program contained in the menu. All inbound and outbound programs can be executed from this menu. The utility menu allows users to track the SIFS transactions from conception to completion.

16.4.70. NGV265. Terminal Security Handler provides each Base Level function with the capability to use 1SZ inputs to change or delete TRICs/User-IDs from the SBSS Security common bank. Program NGV265 calls NGVS32/SECITM to update SBSS Security Common Bank.

16.4.71. NGV268. Process Day Image depending on contents of parameters on the input DAY image, will change base requisition date and reset requisition serial number to a starting value of 0001. It may be used to stop/restart inline releveing, file status, or follow-up. The type excess code and/or starting and ending ranges for releveing and file status may also be changed.

16.4.72. NGV269. Base Constants/Terminal Updates deletes, changes, or loads the Base-Constants-2 (014) and PID-Header (021) records. It also updates or loads the System-Designator (106), Base-Constants-1 (001) and A-F-Variable-Data (310) records. Program NGV068A updates the MSAM files, which pass data to NGV269 for database updates. Application programs reference these data elements during processing and output operations.

16.4.73. NGV270. Inquiry Analysis provides the SBSS personnel with the ability to obtain database information. Inquiries can be requested for basic entry records, detail records, part number records, support records, and transaction history records. Processing time and terminal counts are updated in the management support records and inquiry variable data record. The ISG record is the only record printed by program NGV270. Program NGV272 outputs support

records. Program NGV273 outputs basic entry records, part number records, detail records, and transaction history records.

16.4.74. NGV272. Financial Inquiry provides inquiry on the materiel acquisition control records (MACR), organization cost center records (OCCR), and the project funds management (PFMR) records.

16.4.75. NGV273. Item Record and Detail Record Inquiry is called by program NGV270 whenever an inquiry is requested for item, document, part number, transaction history, or detail records. This program also interfaces with programs NGV710 and NGV712 if requirements computation is desired. A trace option exists that will produce the database key of records within a selected record set. An image of the selected record(s) will be produced on a TIP terminal or on the RPS/main printer, depending on the source of input.

16.4.76. NGV278. Consolidated History Batch Inquiry selects consolidated transaction history (CTH) records from the SBSS database through a batch process. The program also retrieves selected item records data, if any item record data are available. The program does the following:

- 16.4.76.1. Edits the input parameters for accuracy.

- 16.4.76.2. Selects the CTH records based on the selection criteria in the input parameters.

- 16.4.76.3. Sorts the selected CTH records using the sort indicators in the parameter.

- 16.4.76.4. Produces a short format or long format CTH inquiry reports for all inquiries

- 16.4.76.5. Generates management and reject notices.

16.4.77. NGV280. Re-queue Forms Processor provides Computer Operations a tool to requeued documents from a symbiont queue of function 445 to either a printer device or USER-ID. The documents are requeued by type forms as specified by the user.

16.4.78. NGV288. Document Control Image (DCC) Recovery (R60) deletes or updates document control records (DCR), deletes delinquent source documents (DSD), or updates consolidated transaction history (CTH) records. Updates and deletions depend on changes to the DCR file since the last dump of the record areas.

16.4.79. NGV289. DEADLOCK COUNT is a diagnostic tool used to increment and reset a counter that is used by NGV215 to display the number of times a particular transaction has encountered a deadlock condition.

16.4.80. NGV290. Load Status Phrase Records adds transaction phrase records, cargo phrase records, reject phrase records, and management phrase records to the database. Records can also be changed or deleted. The record maintained is determined by the type of TRIC being processed.

16.4.81. NGV291. Supply Transaction Recovery Editor edits the transaction file created by STR. It is capable of editing up to 320 positions per input.

16.4.82. NGV292A. Transfers transaction histories from selected bases to the Stock Control Data Bank. Provides factual data for the Retail Stockage Advisory Group and other Air Force activities authorized by AF/A4RM.

16.4.83. NGV292B. Transfers records from selected bases to the Stock Control Data Bank. Provides factual data for the Retail Stockage Advisory Group and other Air Force activities approved by AF/A4RM.

16.4.84. NGV293. Mainframe to PC Transfer (MTPC) - Transfers data to a PC using a STEP or CHI emulator, depending on options, can do either images under or over 80 positions in length.

16.4.85. NGV298. OPR Record Update adds, changes, deletes, or lists office of primary responsibility (OPR) records.

16.4.86. NGV299D. Force Record Alteration (FIX) provides the SBSS RPS operator with the ability to correct any data element on the SBSS database which cannot be corrected by any other means. Document serial numbers are assigned and output documents are printed to provide an audit trail. This program should only be used as a last resort for record updates/deletes.

16.4.87. NGVU02. Write Security TCB File Program is a stand-alone program that is used to write the TRIC and user-ID information into the Security File. It retrieves the gang number from the project-ID of the user and accesses that gang's security information. It then validates the information and writes it to that gang's area of the Security File.

16.4.88. NGVU03. Load SBSS Fixed Gate Shared Subsystem is a stand-alone program that is used to load the Security File information into the SBSS Fixed Gate Shared Subsystem (FGSS). It retrieves the TRIC and User-ID information for each gang and loads it into the FGSS for access by the SBSS.

16.4.89. NGVU04. Display SBSS Security File Program is a stand-alone program that displays the data contained in the SBSS security file (TIP File 231) for the selected gang within the users ALN.

16.4.90. NGVU31. Database Resize Utility - Scans the ITMDTL-AREA, REPCYC-AREA, PRTNBR-AREA, ATHINU-AREA and ISG-AREA of the SBSS database for item records, repair cycle records, part number detail, authorized/in-use detail, and interchangeable and substitute group record account number SRAN, and/or there is a directed change to the SBSS database detail record (DIFM, special level, and WRM WCDO spares detail) major command codes within a specified system designator.

16.4.91. NGVU60. SBSS Transaction Recovery - STR was developed to provide SBSS with the means of replaying SBSS transactions extracted from audit trail tapes.

16.4.92. NGVU72. Tip Initialization Utility - Deletes, catalogs, assigns registers, and reserves tip file 70 to the operating system.

16.4.93. NGVS32. SBSS Fixed Gate Shared Subsystem provides a Fixed Gate Shared Subsystem (FGSS) to maintain security of TRICs and USER-IDs for SBSS users.

16.4.94. NGVS33. Fixed Gate Definition Program is used to define the fixed gates for NGVS32, SBSS Fixed Shared Subsystem (FGSS).

## **16.5. Specialized and Utility Programs for AFMC SCM-R INFORMATION TECHNOLOGY ACTIVITY PROGRAMS (NGV300 THROUGH NGV399).**

16.5.1. NGV302. Depot Maintenance and Accounting Production System Initialization Utility. Program is used by bases with DMAG organization codes (Fund code 6L, 6M, or 6Z) and reports data to DMAPS.

16.5.2. NGV322. Problem Status Updating/Reporting System updates the HQ ELSG/IL problem status file and prints problem status reports.

16.5.3. NGV323. Program Status File Reporting System performs file maintenance on the HQ ELSG/IL program status file and prints weekly program status reports and monthly version number (VN) generation listings.

16.5.4. NGV324. Read Input Images from DBRA - Reads the HQ ELSG/IL master TRIC file and passes user selected inline transactions to TIP/TIWADS for processing.

16.5.5. NGV326. Transaction History Scan used to verify the use of authorized type transaction phrase codes (TTPC) and transaction identification/document identifier codes (TRIC/DIC). Authorized combinations are based on AFH 23-123, Vol 2, Pt3, Ch4. 901-PRINT-FLAG is checked for validity. This program is also used to identify combinations of TRIC/DIC/TTPC not found in the transaction history area. It identifies TRIC/DIC not completed which create transaction histories and specific combinations not built for TRIC/DIC considered complete. In addition, it provides totals for use in checking output daily reports.

16.5.6. NGV330. DCR Create. This program allows the user a means to upload/download CT-DELINQUENT-SOURCE records and CT-DOCUMENT-CONTROL records during CTH recovery and/or resize.

16.5.7. NGV332. Set Releveling and Status Flags is used to alter the releveling flag and/or file status quarter code and 101-LOCAL-ERRCD-FLAG. This program also provides a count of number of records selected by option.

## **16.6. File Maintenance Programs (NGV400 THROUGH NGV599).**

16.6.1. NGV400. ISG Record Load/Change/Delete establishes and maintains the interchangeable and substitute group records. Ensure that like stock numbers in different weapons systems are properly related in the family. Identifies the master, interchangeable, etc.

16.6.2. NGV401. Shelf Life Control List provides a listing of items in LRS warehouse(s) that require inspection due to possible deterioration while on the shelf and items that require functional check before installation or issue.

16.6.3. NGV403. ISG Cleanup provides Records Maintenance with a means of mechanically deleting I&S data from item records when it is determined that I&S data are invalid or the item does not appear in an ISG record. It deletes ISG records which contain items that have no corresponding item records and provides I&S inquiry images for AFMC to allow for automatic reload of I&S relationships.

16.6.4. NGV404. AFMC D043B ISG Update provides processing of AFMC interchangeable and substitute BDS/BVS images on items of supply for which the Air Force has established a user interest.

16.6.5. NGV405. Warehouse Location Load/Change provides the ability to add, change, or delete the warehouse location on the item and warehouse location records, as well as WRM, MRSP, equipment, and unserviceable type details.

16.6.6. NGV407. AFMC D043B Response XXX Inquiry processes DIC XXR inputs to automatically analyze the item record and interface with FIS to update item/ISG records.

16.6.7. NGV408. LOGMARS Screen Handler allows screens 1WL (FCS, CIC, IRC, 1RS, 1RR), 1DL (CIC, EIC, IRC), 2WL, RCI, and SRC to be accessed online and to be used to process or delete images on the SBSS database.

16.6.8. NGV409. CFMS Record Load/Change/Delete provides the capability to load, change, or delete Combat Fuels Management System records.

16.6.9. NGV410. Unit Of Issue/Unit Price/Quantity Unit Pack Change changes unit of issue and/or unit price on item records and converts quantities on item records and details, as applicable.

16.6.10. NGV411. Terminate EAID Accounting/Update Equipment Exception Flag handles the termination of accountability for EAID details and/or change of accountability from not required to EAID accountability locally required.

16.6.11. NGV412. Equipment management exception flag update updates the equipment management flag and the equipment code on authorized/in-use detail records in one or more document number sets. The replaced data are selected by the authorized/in-use detail use code and the owning item record's equipment management code.

16.6.12. NGV413. Special Inventory Process freezes the item record and/or details with freeze code I and outputs asset/detail information requested by the input. Produces inventory recount outputs (IRC) which will unfreeze the item/detail records.

16.6.13. NGV414. Serialized Weapon/COMSEC Control Input. TRICs, DSR and XHB create Serialized Control Detail (249) Record, to reflect assets that are intransit, for each serial number being shipped. To select specific In-use Serialized Control Detail (250) Record(s), for deployment, transfers, issues, and turn-in by type phrase.

16.6.14. NGV415. Load New Item loads a new item record and establishes repair cycle and fuel gains/loss records, if applicable. This program also relates the item record to interchangeable substitute group records, if applicable.

16.6.15. NGV416. Fuels Record Load Change and Delete loads, changes, or deletes the Fuels-SIOATH-Contract record and loads or deletes the Fuels Management record.

16.6.16. NGV418. Routing AF Form 86, *Request for Cataloging Data/Action*, provides the ability to request assignment of a national stock number (NSN) for items not yet in the Federal Cataloging System, and to request cataloging data actions on existing NSNs. The AF Form 86 is for internal Air Force use only and will not be forwarded to any other service or agency.

16.6.17. NGV419. Contingency Processing System (CPS) Download Program creates disk files for equipment, readiness spares package (RSP), item record, and organizational records when requested for upload to the contingency processing system (CPS). **Note:** The CPS has been decommissioned and is no longer supported, however program NGV419 remains available for use as needed.

16.6.18. NGV420. Loads or adjusts demand data, orders and ship time on the item record. It also changes order and ship time on the routing identifier record.

16.6.19. NGV421. Bench Stock Load/Change/Delete/Transfer provides the ability to load, change, or delete master bench stock detail records and updates the organization cost center record whenever required.

16.6.20. NGV422. BENCH STOCK CLEANUP maintains the integrity of Bench Stock and EOQ detail records. Change to ERRCD or controlled item code will cause deletion of the Master Bench Stock (MBS) detail and all bench stock due-out details. A stock number merge will ensure quantities are combined on the MBS and EOQ details under the change to stock number. Additionally, MBS, EOQ, and bench stock due-out details originally under the change-from stock number will be deleted or canceled.

16.6.21. NGV423. Obligation of due-outs provides inline program (IDO) that obligates funds for TEX 8, memo details, and that have a blank fiscal year of obligation before it will be obligated.

16.6.22. NGV424. Organization Change provides for organizational updates. XSE adds, changes, and deletes supported organizations including other major command tenants.

16.6.23. NGV425. Organization Record Load/Change/Delete loads, changes, and deletes organization records and writes a transaction history from updated records.

16.6.24. NGV426. Intra-Air Force Transaction Reject Image accepts and processes reject images (DD 7MS) which identify errors in the Daily Demand Rate/Percent of Base Repair Reporting System.

16.6.25. NGV427. MAJCOM Change provides the capability to change the MAJCOM code. This will only affect the following records:

16.6.25.1. DUE-IN-FROM-MAINTENANCE (203)

16.6.25.2. SPECIAL-LEVEL-DETAIL (216)

16.6.25.3. SPECIAL-SPARES (233)

16.6.25.4. WRM-IRSP-SPARES (241)

16.6.25.5. ORG-COST-CENTER-100-999 (518) records

16.6.26. NGV429. AFMC Central Level Acceptance accepts XCA image from AFMC, loads item records, creates/deletes special level details for AFMC centrally managed items (ERRCD XD), and creates XCC images to be returned to AFMC for verification.

16.6.27. NGV430. Change Stock Control Data changes stockage priority code, exception phrase codes, bench stock code, special level flag, and maximum and minimum levels on item records and provides an option for producing an exception control image.

16.6.28. NGV431. Part Number Detail Load, Change, Delete provides a cross-reference between part numbers and stock numbers in the database.

16.6.29. NGV432. Special Level Detail Load/Change/Delete provides the capability to load, change, validate, or delete special level details.

16.6.30. NGV433. Mission change special level detail load/change updates mission change data for item records and special level detail records.

16.6.31. NGV434. Mission Change (Constant Data Load) provides the capability to edit/load constant data from the input 1XT434 select and parameter images. If data passes edits, it is loaded to the mission-change-gain or mission-change-loss-data record for subsequent use inline program NGV433 when loading item records and/or mission change special level details.

16.6.32. NGV435A-E. Authorized-In-Use-Details-Load/Change/Delete provides the capability to load, change, merge, or delete equipment details. Maintenance of REM-VEHICLE detail records is also accomplished in this program.

16.6.33. NGV436. Mission Change (Change Details and/or Flag Item Record for Releveling) allows the user to mass change mission support related data element; such as, tasking, level change directorate, MAJCOM-ID, detail effective data, etc., on the mission-change-gain or mission-change-loss-data record, selected special level detail, and owning item records.

16.6.34. NGV437. Selective Delete of Mission Special Level Details locates a mission change special level detail record by stock number, system designator, and document number, changes the mission support data to 366 days back from the current Julian date, and sets the item record releveling flag.

16.6.35. NGV438. AFMC C008 Inquiries handles requests for data from the AFMC C008 ADPS and creates transaction histories for the end-of-day AF Equipment Management Report.

16.6.36. NGV440. Exception Phrase Record Load/Change/Delete establishes, changes, or deletes records to control items not subject to normal excess, issue, requisitioning and shipping procedures.

16.6.37. NGV441. Weapon (M-16) Modification. Produces necessary transactions required to reidentify authorized-in-use-details and corresponding serialized-control-records for weapon stock numbers resulting from a weapon (M-16) modification.

16.6.38. NGV443. Routing Identifier to DODAAC Conversion provides the capability to load, change, delete record data in the RID/DODAAC conversion record.

16.6.39. NGV444. Standard Reporting Designator (SRD) Load/Change/Delete/Inquiry the applicable standard reporting designator record.

16.6.40. NGV445. Miscellaneous Data Load/Change loads/changes the item record nomenclature, shelf-life code, quantity unit pack code and/or the demilitarization code. It also loads the quantity unit pack conversion record.

16.6.41. NGV448. Defense Inactive Item Program identifies items that are no longer needed and items that are potentially inactive for possible elimination from the system.

16.6.42. NGV449. SNUD Stock Number Interrogation provides the capability for creating SNUD Stock Number Interrogations (BVA/BVU). These transactions will be picked up by SIFS and automatically transceived to AFMC.

16.6.43. NGV450. IRSP detail processing (1LK). Provides the capability to load/change/delete IRSP detail records at base level.

16.6.44. NGV451. SPRAM Detail Load/Change/Delete provides the capability to load, change/delete details records for Special Purpose Recoverable Authorized to Maintenance (SPRAM) items.



16.6.45. NGV452. MRSP/IRSP Identification Record Load/Change/Delete supports the Combat Supplies Management System (CSMS). Allows load, change, and delete of MRSP/IRSP identification data (ID). All actions are based on organization. The program establishes the MRSP/IRSP identification record and loads descriptive data concerning MRSP/IRSP records. It is used in preparation of base-to-MAJCOM reports and identifies MRSP/IRSP kits at the base and MAJCOM. An output report will be created each time the record is created, changed, or deleted.

16.6.46. NGV453. WCDO detail processing (1CK). Provides the capability to load/change/delete supply WCDO detail records at base level.

16.6.47. NGV454. Munitions WCDO detail processing (XVE). Provides the capability to load/change/delete munitions WCDO details at base level.

16.6.48. NGV455. Supply Point Detail Load/Change/Delete establishes and maintains supply point detail records used to account for ERRCD XD and XF items authorized for prepositioning for maintenance support, on or off base.

16.6.49. NGV456. Awaiting Parts Receipt Acknowledgement (XE8). Verifies whether the DIFM asset needs to be held until disposition instructions are received, shipped to a depot facility, or disposed of at a DLADS location.

16.6.50. NGV457. Awaiting Parts Disposition Response (XE9). Notifies AFMC that the AWP End-Item was either denied shipment authorization, approved shipment authorization as result of NRTS action, or approved disposal authority from AFMC personnel or Item Manager.

16.6.51. NGV458. Awaiting Parts Interrogation (XEX). Provides a method for AFMC to interrogate the SBSS on AWP items by End-Item NSN only or End-Item NSN and document number. A negative response will be created if the End-Item document number is not loaded.

16.6.52. NGV461. Serialized Control/Receipt Processing. Provides the capability to update the SERIALIZED-CONTROL-DETAIL (249) when serialized items are received or turned in to the warehouse.

16.6.53. NGV462. Serialized Control/Decrease Item Record - Increase Detail. Transfers the SERIALIZED-CONTROL-DETAIL (249) either to an IN-USE-SERIALIZED-CONTROL Detail (250) or to the gaining base. Also, handles inventory adjustment of the 249 records for warehouse property, and reverse post of the 249 record for shipments and receipts.

16.6.54. NGV463. Serialized Control/Decrease Detail - Increase Item Record. Transfers the IN-USE-SERIALIZED-CONTROL Detail (250) to a gaining base, the warehouse, or to a different 250 record. Also, handles inventory adjustment of the 250 records "issued" to a detail.

16.6.55. NGV466. TRANSFER UPLOAD PROGRAM Uploads ITEM-RECORDS, REPAIR-CYCLE-RECORDS, PART-NBR-RECORDS, MRSP/IRSP/MSK CONTROL, DETAIL RECORDS, and IN-USE-SERIALIZED-CONTROL details previously selected by NGV471 to establish accountability at the gaining SBSS database.

16.6.56. NGV467. CSC Project Change/Delete Processing. A batch program processed in demand mode. It is activated by keying from a demand terminal. NGV467 provides the

capability to change the DMR terminal or the Logistics Manager Code on project details. The capability exists to build inputs to delete an entire project.

16.6.57. NGV469. MRSP/IRSP Serial Number/Control Record Update. This program provides the capability to perform a change to the MRSP/IRSP serial number or to do mass changes to the MRSP/IRSP control record UTC and/or SRD.

16.6.58. NGV470. MRSP/IRSP/MSK Deployment/Return (FKD). This program will select and update records for deployment or return from deployment based upon input select and parameter images. It will produce an output listing of the records updated.

16.6.59. NGV471. MRSP/IRSP/MSK Transfer (1WD). This program will transfer MRSP/IRSP/MSK detail records and create the necessary input images to load the records at a gaining location based upon input select and parameter images. It will produce a listing of transferred details.

16.6.60. NGV472. Airborne MRSP detail processing (1UB). Provides the capability to load/change/delete Airborne MRSP details at base level.

16.6.61. NGV473. High Priority Mission Support Kit (HPMSK) detail processing (1HM). Provides the capability to load/change/delete HPMSK details at base level.

16.6.62. NGV474. Mission Support Kit (MSK) detail processing (1MK). Provides the capability to load/change/delete mission support kit details at base level.

16.6.63. NGV475. Special Spares Detail processing (1KK). Provides the capability to load/change/delete special spares details at base level.

16.6.64. NGV476. Project Detail (3101) processing (1PD). Provides the capability to load/change/delete project details at base level.

16.6.65. NGV478. Non-Airborne MRSP (NAMRSP) processing (1NK). Provides the capability to load/change/delete Non-Airborne MRSP details at base level.

16.6.66. NGV479. Weapons Training Detachment Operating Spares (WTDOS) processing (1TK). Provides the capability to load/change/delete WTDOS details at base level.

16.6.67. NGV480. Freeze Code Load/Delete loads or deletes selected freeze codes on a specified item record.

16.6.68. NGV481. Program will scan the item record area and select all (216) Adjusted-Level-Detail records with (216) Date-Of-Approval greater than zero, the (216) Type-Level-Code equals "A", "B", "C", "D" or "E", and the item is an Air Force-managed item (first position of the 101-Routing-Identifier equals "F"). The program will create a file of XE4 images to be transceived to their respective ALCs.

16.6.69. NGV490. Item Record Delete deletes item records and repair cycle records when the need occurs.

16.6.70. NGV495. Repair Cycle Record Data Loads/Changes/Delete provides exception repair cycle days and adjusts any of the repair cycle record balance fields by adding to, subtracting from, or zeroing the field.

16.6.71. NGV500. Routing Identifier Record Load/Change/Delete provides the ability to load, change and/or delete the routing identifier record.

16.6.72. NGV501. Shipping Destination Record Load/Change provides the ability to load a new record or to change an existing shipping destination record.

16.6.73. NGV509. Stock Number Change/Merge changes or merges stock numbers on item records without regard to system designator. SBSS authorized inputs (FIC) accomplish change/merge action for stock numbers. Item record stock number change/merge action affects all associated repair cycle and detail records, and deletes or merges where necessary.

16.6.74. NGV510. Item-Record Indicative Data Change changes indicative data elements, routing identifier code, budget code, and ERRCD on item records of the database.

16.6.75. NGV511. Controlled Item Code Change changes all item record controlled item codes with the input stock number.

16.6.76. NGV512. Application Code Load/Change/Delete processes document identifier code 1AP to load/change/delete application code, load/change/delete PMIC code and ADPE code of L and P stock numbers, and loads/changes/deletes the hazardous materials identification code and AFTO Form 95, *Significant Historical Data*, code of L and P stock numbers. Also processes AFMC ammunition data images (document identifier code BDM/BVM) to update type account code K item records with the DODIC and report ability codes and then writes transaction histories for update of the applicable ARMS record weight factors during EOD processing.

16.6.77. NGV520. Condition Change transfers internally the on-hand quantity between the serviceable balance field of an item record and the unserviceable balance field of a DIFM unserviceable detail record.

16.6.78. NGV521. Automated Mission Change/Base Closure provides the capability to transfer due-in and due-out details from one base to another, delete linked status and DIFM details, and update corresponding financial records.

16.6.79. NGV525. Identity Change allows for the internal transfer of on-hand property from one stock number to another. Transfer must be from same condition balance (serviceable or reparable).

16.6.80. NGV526. SPRAM identity change is internal processing to reidentify a specific item or quantity of supplies from one stock number to another when it is recorded on a SPRAM detail.

16.6.81. NGV529. Fuels Cycle/Special Inventory uses the 1RL/1RM TRIC for Item Record Adjustments for fuels. 1RL is used for a cycle item record adjustment. 1RM is used for a special item record adjustment.

16.6.82. NGV530. ISSL/MSSL Data Record Load/Change/Delete provides the capability to load, change, or delete ISSL data records, change selected detail record elements, and delete all corresponding ISSL/MSSL special level details.

16.6.83. NGV532. Inventory Count Processing processes inventory count images (CIC) created by the R07, R12, R21, R34, R43, R50, R52, R62, R63, and Q13. NGV532 is an inline program. When the count images are input through the 1WL/1DL screen, the physical count quantity and the record balance are compared. If the count quantity and the item record/detail quantities are unequal, an inventory recount image (IRC) is produced.

16.6.84. NGV533. Inventory Recount/Special Inventory updates the item records/detail records for the special and cycle inventories. Generates transaction histories and inventory adjustment records for all adjustments. If the recount quantity and item record quantity are unequal, and the item does not meet automatic adjustment criteria, an F105 management notice is produced for additional research to be accomplished. The applicable inventory accuracy record is updated and a transaction history is created. The freeze code of C is removed, and the DOLI and DOLT are updated on the item record and/or detail record.

16.6.85. NGV534. Equipment Inventory Recount updates inventory accuracy records if the quantity on the input equipment inventory count image (EIC) equals the quantity on-hand on the in-use detail record. If the quantities are not equal, an equipment inventory recount (IRC) is created. The count and record quantities are compared, and if equal, the equipment inventory accuracy record is updated. Otherwise, a recount image is created. EIC images are produced from the RPTR14 (CA/CRL) and RPTR25 (SPRAMS List). Details updated are the 201-AUTHORIZED-IN-USE, and the 225-SPECIAL-PURPOSE-ASSET (SPRAM).

16.6.86. NGV535. Sample Inventory Processing uses the 1RS/1RR inputs after the RPTR17 has been processed. The count images (1RS) are input, and the physical count quantity and the record balance are compared (including -9 records). The following actions occur:

16.6.86.1. Count record (1RS) is unequal. If count quantity and item record/detail quantity are unequal, an inventory recount image (1RR) is produced.

16.6.86.2. Count/Recount record (1RS/1RR) is equal. If the count or recount quantity and item record/detail quantity are equal, the freeze code C is removed, and the date of last inventory is updated on the item record/detail record.

16.6.86.3. Recount record (1RR) is unequal. When the 1RR is reinput, the item record balance is updated with the input quantity, the C freeze code is removed, the applicable inventory accuracy record is updated, and a transaction history (IAD) is created.

16.6.87. NGV536. FSC/MMC Record Load/Change, Delete provides the ability to load, change, or delete FSC and MMC records. These inputs are received from AFMC.

16.6.88. NGV538. FSC/MMC LIST identifies and/or validates the entire Federal Supply Class (FSC) and Materiel Management Codes (MMC) loaded.

16.6.89. NGV542. LOGMARS FCS Match and Input Data Record Handler matches the FCS image file created by RPTR36 against the FCS input images. If the records match, the records are sent to the pseudo reader to be processed. If the records do not match, the record is flagged with the appropriate validation flag to show why the record/input was mismatched. A listing is printed in warehouse location sequence of the mismatched records. Records with a validation flag of I (HHT input with no FCS image), R (warehouse location not within range), and Y (validated record) are deleted from the database. (See AFH 23-123, Vol 2, Pt 2, Ch 6 for processing procedures.)

16.6.90. NGV543. LOGMARS CIC/IRC Match and Input Data Record Handler matches the CIC/IRC image file created by the applicable report against the CIC/IRC input images. When all of the records have been processed with the correct quantities, the CIC/IRC inventory files are deleted. (See AFH 23-123, Vol 2, Pt 2, Ch 6 for processing procedures.)

16.6.91. NGV544. Organization Code Shredout changes organization codes and/or shop codes in selected detail records. This program also deletes memo due-outs when applicable. Deletes serial number and MRSP/IRSP control records with empty sets.

16.6.92. NGV545. AFMC SNUD Processes AFMC stocklist change images (document identifier codes BMx, BVN, BVE, BV4, BVD) inline and updates applicable item records with the current catalog management data.

16.6.93. NGV546. Asset Status/Transaction Excess Report Processing provides the capability to accept and process the asset status/transaction report image (DIC DZE). It also outlines the requirements for assignment of the report code when loading new item records within the SBSS.

16.6.94. NGV547. ISSL, MSSL, NASSL Requisition Upgrade provides a means to upgrade requisitions on ISSL, MSSL, NASSL adjusted stock level details. Produces AM1 and AMA images to upgrade requisitions.

16.6.95. NGV555. Multiple EAID File Change provides a means of producing indicative data images (FCI), en masse. This is accomplished by searching the authorized-in-use detail record area to select in-use details and create FCI change images based on selection data in the 1RB555 input. The output FCI images are loaded to pseudo reader # 1 for processing.

16.6.96. NGV560. Delivery Destination Record Load, Change, or Delete. Provides the Records Maintenance personnel with the capability to load, change, or delete a delivery destination record.

16.6.97. NGV567. SBSS/IMDS SRD Reconciliation provides a means for an annual reconciliation of the standard reporting designator (SRD) records between the SBSS and the Integrated Maintenance Data System (IMDS).

16.6.98. NGV568. Serialized reporting program provides a means of loading, changing or deleting erroneous or missing serialized control (249) and in-use serialized control (250) details using input TRIC XS1, screen 496.

16.6.99. NGV570. Authorized/In-Use Equipment Identity Change provides the capability to make a single image input to transfer an item from one authorized-in-use detail record to another with a different stock number when equipment is reidentified while in use.

16.6.100. NGV571. Equipment/SPRAM Single Item Deployment/Return (1ED) to record and document the deployment and return from deployment of EAID and SPRAM assets inline.

16.6.101. NGV572. EAID/SPRAM Accountability Transfer (1ET) to provide inline capability to produce the transactions and documentation necessary to effect the transfer of single EAID and SPRAM assets between Accountable Officers.

16.6.102. NGV573. AFEMS to SBSS Interface provides the capability of reformatting AFEMS TRICs sent through DDN into the Standard SBSS TRICs.

16.6.103. NGV574. Provides an online interface between the SBSS and AFEMS.

16.6.104. NGV575. Inter-custody Receipt Transfer provides the capability to transfer equipment from one custodian to another. It provides the option of adjusting the authorized quantity on the losing and/or gaining authorized/in-use detail record.

16.6.105. NGV576. MSK/MRSP/WRM Transfers Between Details processes 1KT input to transfer assets from one MSK/MRSP/WRM detail to another. This program also deletes prime detail records under program control. Substitute details will be added or deleted, as required, under program control.

16.6.106. NGV578. Base Procurement Office Status - This program is activated by image or terminal input of TRIC EDD and LCC.

16.6.106.1. EDD input:

16.6.106.1.1. Updates the status local purchase-detail (210 detail) purchase order/contract number, BPA call number, or estimated delivery if appropriate.

16.6.106.1.2. Stores input status code from positions 65-66 to 210 detail status code.

16.6.106.1.3. Creates a transaction history to reflect the changes to the status detail.

16.6.106.1.4. Updates item record date of last transaction field.

16.6.106.2. LCC input:

16.6.106.2.1. Produces a A963 management notice if input reason for cancellation is ZD.

16.6.106.2.2. Flags change flag and interfaces with program NGV579 for actual update of details and related records. See program NGV579.

16.6.107. NGV579. Local Purchase Adjustment - This program is activated by image or terminal input of TRIC LPA and LPS.

16.6.107.1. Due-In - The due-in detail quantity is adjusted to equal the new quantity remaining on order.

16.6.107.2. The 210 detail (if present) quantity is also adjusted to equal the new quantity remaining on order. If input is LPS, a 210 detail is created. The 210 detail extended price is adjusted to reflect the acquisition cost of the quantity on order.

16.6.107.3. U00 (if BC = Z) - The U00 detail is deleted upon input of an LPS. Input of an LPA or LCC prior to processing an LPS will result in adjustment of the U00 quantity/extended price to equal the new quantity/extended price remaining on order. Input of an LPA to adjust a MILSTRIP U00 detail will result in adjustment of the U00 extended price but not quantity.

16.6.107.4. RNB - The RNB detail extended price is adjusted upon input of LPA to reflect the revised acquisition cost of items previously received. Replacement BK1 images are produced at EOD to include the new price. RNB quantity changes are not authorized.

16.6.107.5. Non-U00/210 Status Details - Status details other than 0020 or U00 are deleted upon input of LCC, LPS, or LPA.

16.6.107.6. Due-Out - If the input results in a decrease/delete of the due-in quantity and a due-out detail is related to the due-in:

16.6.107.6.1. The due-out is decreased/deleted if cancellation has been requested by the customer.

- 16.6.107.6.2. The due-out is converted to memo if cancellation has not been requested. A special requisition (SPR) is generated inline or MGT A962 is produced to initiate new procurement action.
- 16.6.107.7. Transaction histories are produced to reflect the detail change outlined above.
- 16.6.107.8. The materiel acquisition control record (MACR) is adjusted to record the detail changes outlined above.
- 16.6.107.9. The item record unit price (BC 6, 9, and Z only) is changed to reflect the acquisition unit cost (plus surcharge for BC 6 and 9).
- 16.6.107.10. A receipt trigger images is produced (except BC6) and a DD Form 1348-1A Receipt Document.
- 16.6.108. NGV580. Mobility Equipment Deployment/Transfer provides the capability to deploy on a short term basis or transfer selected in-use details. Selection of in-use details may be based on organization/custody receipt account code, use code allowance source code, unit type code, or end item identification code or by individual inputs for each detail. Short-term deployment processing will set the deployed flag on the selected details. The deployed in-use details/quantities will be listed in document number sequence. Transfer processing creates a shipping document for each selected in-use detail. When requested, the inputs necessary to effect the upload at the gaining base will be produced.
- 16.6.109. NGV581. Mobility/WRM Equipment Review provides the capability to select authorized-in-use detail records or special-purpose-asset-detail records based upon data entered in the 1RB581 select image or associated parameter images. This program will output a listing of the selected detail records along with FME images in the format designated by the selected image. This program is used for predeployment or pre-transfer purposes.
- 16.6.110. NGV582. Receipt of Transferred Equipment will update the quantity in-use on the authorized in-use detail record by the quantity received from an equipment transfer. When the applicable in-use detail is not the database, the program will establish the detail and create the applicable transactions. When necessary, an equipment transfer issue document will be produced. Processing for Non-EAID Equipment Detail will update the quantity-on-hand on the authorized-in-use-detail. If increase is for a detail that is not loaded the detail will be established. If decrease is for the entire detail quantity the program will delete the detail. The program does not create a transaction history record for Non-EAID equipment detail transactions.
- 16.6.111. NGV583. BCAS Due-In Reconciliation scans the detail record area and selects BCAS due-in details with a requisition date equal to or greater than the current Julian date. The detail set of each selected record is then scanned for status details for the requisition number.
- 16.6.112. NGV584. NON-CIAPS/RTSS Due-In Follow-up scans the detail record area and selects due-in details for processing. The details of each selected record are then scanned for a status detail on the requisition number. If it does exceed the time frames, the record will be printed on the listing.
- 16.6.113. NGV585. Repairable Item Movement Control Data Load/Change/Delete processes BDR and updates repair cycle records with repairable item movement control data.

16.6.114. NGV586. Shipping Destination Record Clean-Up maintains the shipping destination file in an up-to-date condition. For those disposition destination codes in repair cycle records not corresponding to a shipping destination record, a delete of the code is processed. If no repair cycle records contain the code for a shipping destination record, the shipping destination record is deleted.

16.6.115. NGV587. Reports of Discrepancy/Supply Discrepancy Report (ROD/SDR) Listings. Program NGV587 produces listings of all claims payable and all claims receivable details. The listings are used by Stock Control personnel to ensure proper billing credit actions are taken.

16.6.116. NGV588. Requisition Inline Follow-up.

16.6.116.1. Scans the detail area locating due-in details that meet MILSTRIP follow-up requirements; excess details that require follow-up action; and RNB details that have sufficient age and billing have not been received. The program will output an AF1 follow-up image for the total due-in quantity if the due-in meets follow-up requirements and status has not been received. If status has been received, the program will output an AF1 follow-up image to the latest known source if the estimated availability date has passed.

16.6.116.2. The program will output an FTF follow-up image for non-Air Force excess details over 45 days old.

16.6.116.3. The program will delete excess details that are 90 days or older, and set up for releveing action.

16.6.116.4. The program will output an FAE image, customer request for billing, if the RNB detail is 60 days or older. Seventy-five days after the customer request for billing, the program will output an FAF image, follow-up customer request for billing.

16.6.117. NGV590. Transportation Data Load/Change processes BVT and BDT images and updates transportation data on item records.

16.6.118. NGV591. Due-In Cancellation provides the means to perform the necessary checks to determine if the cancellation request may be effected. This program produces a cancellation image or a notice stating the reason for denial.

16.6.119. NGV592. MILSTRIP Status Processing edits due-in status input, calls appropriate programs to complete the action, and updates the appropriate database records.

16.6.120. NGV592A. Status Direct Delivery notifies the requisitioner that requested assets will be a direct vendor delivery from procurement with a direct delivery notice document that provides a cross reference between the requisition document number and the procurement instrument identification number (PIIN)/contract number.

16.6.121. NGV592B. Positive MILSTRIP Status allows the source of supply to identify the action taken on a requisition using supply status codes.

16.6.122. NGV592C. Status Materiel Obligation Validation (MOV) allows a requisitioning activity to confirm that it still needs the materiel it has requisitioned or backordered.

16.6.123. NGV592D. Shipment Status notified the requisitioner about the actual shipping date and the mode of shipment of their requisitioned items.



16.6.124. NGV592E. Status Receipt processes partial due-in quantities and edits the appropriated database records.

16.6.125. NGV593. MILSTRIP Cancellation deletes/decreases due-in and status details. It creates due-in cancellations and due-out change transaction histories. It also interfaces with program NGV607 for MICAP cancellation and provides cancellation management notices as required.

16.6.126. NGV595. Follow-up Recording establishes and/or updates follow-up status details, and updates the routing identifier and item record.

16.6.127. NGV596. MILSTAMP Status establishes, deletes, or changes shipped status details to reflect shipping information. It updates the item record DOLT and routing identifier record. This program also reproduces the input (TM1) for forwarding to the base Logistics Readiness Squadron/Transportation Activity office.

16.6.128. NGV597. MILSTAMP Tracer Reconciliation provides a method of identifying shipments that were shipped by the source of supply through the transportation channel and have not been received at the base.

16.6.129. NGV598. Depot Reconciliation Follow-up (Q12) is designed to follow up on requisitions that meet reconciliation criteria when reconciliation images (AN1) are received from the supply source. The program will search the detail record area and delete the reconciliation flags from details that were reconciled.

16.6.130. NGV599. Pushed Due-Ins accepts all pushed due-in inputs with DICs, 99S, and DWA. It edits for validity, interfaces to load new item records, ISG relationship, and for the establishment of due-in details.

## **16.7. Item Accounting Programs (NGV600 THROUGH NGV775).**

16.7.1. NGV600. Issue Analysis performs compatibility checks between input and item records, detail records, organization records, and exception phrase records. It determines if input can process based on acceptable data elements or sufficient balances on the item record. If the input passes edits, interface is accomplished with the applicable program (NGV602, NGV603, or NGV645).

16.7.2. NGV601. Bench Stock Issue processes all bench stock transactions from the receipt of a 1BS input through an ISU document or the 536-BENCH-STOCK-ISSUE.

16.7.3. NGV602. Issue To Detail Records is activated by interface from program NGV600 on ISU/MSI inputs with activity codes E, M, S, U, or W. It is designed to process issues to authorized/in-use detail, war reserve materiel spares detail, MRSP-MSK detail, and supply point detail records.

16.7.4. NGV603. Other Issue processes all issues except authorized/in-use, war readiness materiel, and supply point. Updates the due-in from maintenance detail record and the item record. Transaction history records are created and rejects/management notices are produced.

16.7.5. NGV604. Issue-Kill Routines are processed through program NGV604 for issue kill management notices. This program builds a TTPC 30 transaction history. It edits data in organization cost center 100-999 record, item record, part number detail record, special control record, and updates item record data. It also produces a DOE output and interfaces with

program NGV609 for further processing. Appropriate management notices and rejects are generated.

16.7.6. NGV605. MBS/EOQ Consumption Load/Change/Delete loads, updates, and deletes the EOQ consumption detail record for interface with TRICs ISU, MSI, TIN, DOR, RVPDOR, RVPTIN, RVPISU, and RVPMSI. This program also updates the cumulative recurring demands on the master bench stock detail record for the TRICs listed above. In addition, this program updates item record data and generates reject notices.

16.7.7. NGV606. Issue From Detail Records processes issues from MRSP-MSK detail and supply point detail records.

16.7.8. NGV607. MICAP Notification edits B91, B92, B93, B94, B95, B9(Z), and NOR inputs for MICAP data elements. It also produces all required MICAP report images and transaction histories.

16.7.9. NGV608. Issue Print produces the output documents necessary to effect a transfer of assets to the requesting organization.

16.7.10. NGV609. Other Asset Print provides the total asset position of the item requested when the issue request is killed or a due-out is established. The other asset notice produced lists item records with serviceable/unserviceable balances on supply point, WRM and/or positive status detail records. It also provides total due-out, due-in balance, demand level, and adjusted level.

16.7.11. NGV610. Item Accounting Edits performs common edits on data elements contained in the input and appropriate reject action is initiated when required. The applicable item record and the organization record are prepositional in selected work area. The transaction identification code is edited to determine which application program is to be activated.

16.7.12. NGV612. Bulk Issue Reconciliation processes for valid data, fetches FIA code from the interface with program NGV952, and writes transaction histories. Program NGV952 also updates monetary values for TRICs BSS and BST. This program processes TRIC BIR for valid data, and updates the item record stock level factors and serviceable balance. It fetches FIA codes from the interface with program NGV952 and writes transaction histories. This program also produces a BIR output. TRIC BIR interfaces with TRICs LVL, DOR, FFC, and FCU.

16.7.13. NGV614. Ground Fuels Issue processes all FSU inputs. The FSU input is normally generated on 8-level punched paper tape by the automated fuel dispensing equipment located at the Base Service Station. However, it may be a manually prepared FSU on an 80-character image format.

16.7.14. NGV616. AVFUEL Refuel/Defuel/Shipment activated by input of TRICs 1DF, 1RF, 1RD, and 1SP by terminal. The 1RD input is internally reformatted into a 1DF and a 1RF. Both images are processed if AVFUELS; otherwise, the images are passed to ground fuels program NGV617 for processing. Various edits are performed on each input to ensure that all input data is valid. This program updates the item record balance and demand data. It also creates transaction histories and interfaces with A&F Program NGV951 or NGV959 for FIA code assignment.

16.7.15. NGV617. Ground Fuels, Refuel/Defuel are activated through programs NGV614 and NGV616 on FSU, 1DF, 1RD, and 1RF inputs. The 1RD input is internally reformatted into a 1DF and 1RF by program NGV616 and both images are passed to this program for processing of ground fuel items. Edits are performed on each input to ensure all input data is valid. This program also provides the capability to record reversal & correction 1DF, 1RD, and 1RF inputs by TEX code R.

16.7.16. NGV618. Turn-In Equipment accepts turn-ins on equipment items with activity code E or P and WRM package assets maintained on authorized in-use detail records. It updates internal records (item record, in-use detail, REM detail, and transaction history). It edits inputs to determine if credit is to be allowed and interfaces with A&F program NGV952. It prints action notices which direct further processing of the turned-in property and, when required, converts the TIN input to a SHP, TRM, DOR, or FEX format and interfaces with program NGV635, shipments, or program NGV630, Due-out Release, or program NGV721, Forced Excess.

16.7.17. NGV619. Due-In From Maintenance Update processes DFM inputs and updates multiple fields on the DIFM detail based on data elements contained on the input. This program also changes stock numbers on DIFM details based on the input TEX code when the item is under automated AWP control.

16.7.18. NGV620. Due-In/Due-Out DIFM Detail Update processes all DIT inputs. This program updates multiple fields on the due-in, due-out, serial number record, MICAP record, and/or DIFM details based on data elements contained in the input. Updated requisition modifier (AM(x)) images are produced when required by change-to data. Two transaction histories (change-from and change-to) are written for these DIT inputs affecting priority 1-10 requisitions.

16.7.19. NGV624. Reserved For Future Use.

16.7.20. NGV625. Receipts processes a receipt input. It updates the balances in the appropriate item records, and either updates or deletes a due-in detail record and the appropriate status detail records. On funded current and prior year receipts, a received but not billed detail record is created for the amount not yet billed after the funds availability check has been made. On prior-year receipts, No Received But Not Billed Detail Record is created, but a management notice is printed. It provides the applicable FMIC and FIA codes for transaction histories received but not billed detail, and updated item record. Transaction histories are also written for any delete or decrease of Received-But-Not-Billed detail or Status-Local-Purchase detail records.

16.7.21. NGV626. Receipts Continued continues the receipt process from the initial receipt program NGV625. Program NGV626 writes previously created transaction histories to the transaction history area. This program builds the DIFM unserviceable detail record when appropriate and creates PTC, 1RA, TKO and/or 1SH images as necessary. The routing identifier, item record, due-out detail and due-in detail records are updated by this program. The program also prints action notices that direct further processing of property received. **Note:** The program has not been modified to stop producing the PTC; however, bases have been instructed (via RAPCOM) to cease creating the PTC, by removing the "Pipeline Time Card Flag" from the Routing Identifier Record.

16.7.22. NGV627. Turn-In Supplies processes all expendable item turn-in(s) and equipment items due-in from Contract Maintenance. When necessary, an interface occurs with program NGV605, with control being returned to this program for the printing of management notices, the reformatting of the input image, interface with related programs.

16.7.23. NGV630. Due-Out Release Analysis determines the due-out(s) that is/are to be released. It is triggered by a receipt of property, turn-in of property, inclusion of new items to an interchangeable family of items, or inventory adjustment. Specific due-out releases can also be obtained by the input of a forced DOR for release of selected due-out quantities.

16.7.24. NGV631. Due-Out Release Analysis Continued determines the order of release of all due-outs, deletes the due-out detail, and if applicable, the related serial number and MICAP/AWP record; builds and writes TTPC 1A and 2A/2C transaction history records. It also determines if funds are available. If they are available, it continues processing. If funds are not available, it reformats the due-out into a DOC and calls in due-out cancellation.

16.7.25. NGV632. Due-Out Release, Detail Update/Print updates details, builds and writes all transaction histories for addition and deletion of details.

16.7.26. NGV633. End Item AWP DIFM Detail Update allows other application programs to update the AWP status on end item DIFM detail records.

16.7.27. NGV634. Lateral Requisitioning provides bases with the capability to forward either stock replenishment or due-out requisitions, except ammunition, to another SBSS activity for possible redistribution of assets. The program provides the options to fill or kill, back order, or pass the requisition to the original source.

16.7.28. NGV635. Shipment Analysis provides for directed shipments, non-directed shipments, and the processing of selected related inputs. Inputs consist of distribution/referral orders, lateral support, automatic returns, and receipt acknowledgment follow-ups. Edits are performed on the input data elements to determine if the transaction will process.

16.7.29. NGV636. Shipment, Non-Directed completes processing on SHP inputs. The edits consist of document number and supplementary address. On inputs with a blank supplementary address, a check is made for shipment override record or a shipment destination code on the repair cycle record. It also produces appropriate documents and creates various images as output responses.

16.7.30. NGV637. Shipment, Redistribution Order and Image Processing processes document identifier codes A2(x) A4(x). The input priority, document number, and condition code are used in determining the maximum quantity to be shipped. If the requested stock number is not available for redistribution of serviceable assets, interchangeable stock numbers are screened for availability. When MSK and/or supply point details exist, another asset notice is produced in preference to a denial (B7x) if input quantity cannot be shipped from serviceable balance. If the requested item or interchangeable item is not available on either the item record or supply point detail, denial images B7(x) are produced for transmission to the applicable inventory managers. Input of an RDO for unserviceable items only screens the input stock number, and if not available, prepares B7(x) denial action. If the item is available, a DD Form 1348-1A is produced on the appropriate warehouse terminal and a transaction history created for the item record decrease. The repair cycle record is updated, if applicable.

16.7.31. NGV638. Shipments DLA GSA/IM/ICP Excess processes the directed disposition of assets previously reported as excess.

16.7.32. NGV639. Redistribution Order Print is a dependent interface program which is activated by the redistribution referral order program.

16.7.33. NGV640. Transfers to Defense Property Disposal Activity provides the necessary actions to effect both directed and non-directed transfers to DLADS.

16.7.34. NGV641. Shipment from A Detail called by Shipment Analysis, program NGV635, and locates a detail with a document equal to positions 67-80 of the input. The detail quantity is decreased by the input quantity and the applicable delete/decrease detail. The transaction history is written for war reserve spare kits and mission support kits detail record, war reserve materiel spares detail record, or supply point detail record. The transaction history, FIA code, and fund code is fetched from program NGV959 interface and an updated item record is written to the database. The due-out detail record is fetched and an internal formatted DOC input is passed to interface program NGV681. Appropriate rejects are produced for TRIC SHP. Program NGV636 is called to print a physical document (DD Form 1348-1A).

16.7.35. NGV642. Shipment Suspense Image Processing updates the shipped not credited detail or shipment suspense detail with the applicable transportation data and output required shipment status images.

16.7.36. NGV643. Shipment Inquiries processes shipment inquiries, producing a management notice or for offline action or research. Processes all incoming follow-up shipments.

16.7.37. NGV644. Redistribution of WRM provides process logic for transferring base operating stocks to WRM stocks. Program NGV630 is called for releasing of WRM due-outs. A confirmation image will be created with no shipping data for the quantity released. If on-hand assets or WRM due-outs are not available, a denial image will be created.

16.7.38. NGV645. Due-Out/Back Order prepares the necessary due-out details, serial number record, MICAP/AWP record, and due-in from maintenance details as applicable when an issue request cannot be filled completely from existing balances on hand. It causes the necessary requisitioning program to effect the order to satisfy the due-out quantities.

16.7.39. NGV646. Vendor/AF Owned Cylinders/Containers processes TRIC 1VR and 1VS inputs to account for vendor owned gas cylinders and other containers. When a 1VR receipt of vendor owned cylinders/containers is processed, a G type detail is built for visibility and control. When a 1VS shipment input is processed, the G type detail is decreased or deleted.

16.7.40. NGV650. Record reversal & correction Analysis performs edits on record reversal & correction inputs for turn-ins, due-out release, and receipts. Extensive edits for validity are performed prior to interfacing with the record reversal & correction update programs.

16.7.41. NGV651. Record reversal & correction Update performs internal record update as a result of record reversal & correction inputs. The repair cycle item, record, and detail records are updated and written to the DBRA. Transaction histories are created and written to the DBRA. An output document is created for each input which affects an item record balance or detail record balance.

16.7.42. NGV652. ISU/MSI Record reversal & correction performs edits on ISU/MSI record reversal & correction inputs for validity, updates, deletes or stores appropriate records, and creates appropriate transaction history records. An output document is created for input transactions affecting record balances.

16.7.43. NGV653. Receipt Record reversal & correction performs edits on receipt record reversal & correction inputs for validity. It updates, deletes, or stores records as appropriate and creates required transaction history records. An output document is created for input transactions affecting record balances.

16.7.44. NGV654. Turn-In Record reversal & correction performs edits on TIN record reversal & correction inputs for validity. It updates, deletes, or stores records as appropriate and creates required transaction history records. An output document is created for input transactions affecting record balances.

16.7.45. NGV656. Shipment Record reversal & correction performs edits on shipment record reversal & correction inputs for validity prior to updating any internal records. The item record and repair cycle records are updated. Detail records are updated or deleted as the process dictates and the transaction history records are created and written to the database. An output document is created for each input transaction.

16.7.46. NGV657. Record reversal & correction Handler reads the item record and organization record, and validates the SRD. After all basic edits are performed on document number, stock number, quantity field, transaction identification code, and input function, all inputs for this transaction are passed to application programs, and the storage area is blanked for this system designator/type account code.

16.7.47. NGV665. Automated Reverse Post Selection creates record reversal & correction inputs from consolidated transaction history records.

16.7.48. NGV675. Calibration/Repair and Return Request accepts and edits repair and return (RAR) input. It decreases in-use detail if balance is zero and detail is a substitute item, updates the item record, routing identifier record, and prints a credit RAR document, if appropriate. It formats a requisition (AOX) and a shipment (SHP) image for shipping program NGV635 to create a repair and return shipping document, and builds and writes 1K/1M/1B/2D/4W/1V transaction histories.

16.7.49. NGV681. Due-Out Cancellation/Maintenance Turn-Around Update accepts an input that will cause either the cancellation and deletion of due-out, serial number record, MICAP/AWP record, and due-in from maintenance details as applicable, or the updating of the appropriate balances. It also updates the repair cycle/item records (TRN) for an item which was repaired in Maintenance and for which no demand was placed on LRS.

16.7.50. NGV685. Special Requisition used to update internal records which support offline requisitioning action. Transactions may be created during the time when the SBSS ADS is not available for normal requisitioning. The program checks for availability of funds, updates the appropriate due-out detail if necessary, and creates a due-in detail for the requisition.

16.7.51. NGV686. Fuels Requisition/Cancellation/Status, Record reversal & correction accomplishes all common edits, requisitioning (1PR), and record reversal & correction of

requisitions (1PR with TEX R). It also processes cancellations (1PC), status (1PS) input for aviation fuel and record reversal & correction, and receipt due-in (1PR).

16.7.52. NGV687. Fuels Receipts processes receipts of aviation fuel (1RP). Due-in and status details are deleted/decrease and the item record balance updated. Received, not billed details are established, or billed, not received details deleted/decreased, when required. Transaction history records are written for all actions taken. A notice to update the due-in receipt file is printed for each input.

16.7.53. NGV688. Record reversal & correction Of Fuels Receipts performs required edits and processes for record reversal & correcting of receipts and CZX DLATS rejects.

16.7.54. NGV708. Repair Cycle Level Computation performs releveing according to AFI 23-101, Sec 2B, Stockage Policy for all XD/XF item records. It computes percent of base repair, repair cycle time, NRTS condemned time, safety level, and reorder point for all single items or all items in an interchangeable group. It is activated during in-line processing and in-line idle time by the SBSS ADS System Support Programs.

16.7.55. NGV709. EOQ Range Computation performs calculations to determine if it is cost effectiveness to stock EOQ (XB3) items.

16.7.56. NGV710. Releveling performs releveing according to AFI 23-101, Sec 2B, Stockage Policy. It selects item records according to the parameters established in the DAY image and calls in the appropriate process for file status processing. It also performs the releveing computation for type account code K items (ammunition). It computes stock level data for a single item, or for all items in an interchangeable family of items. It is activated during inline processing and inline idle time by the SBSS ADS system support programs.

16.7.57. NGV711. Inline Releveling and File Status is called by inline programs for each stock number or ISG group that was flagged with an R. Upon completion, the next portion of the program will call releveing for those stock numbers or ISG groups that fall within the parameters of the DAY image. This program will not be called again until another DAY image is input with other parameters or a BOD image.

16.7.58. NGV712. Ammunition (AFK) Inline Releveling and Transfers performs the releveing computation for the munitions account (type account code K) and handles balance overflows for serviceable, unserviceable, and recurring demands. It also transfers balances to and from an overflow adjunct (-9) item record.

16.7.59. NGV715. Requisition Interface searches for a WRM/HPMSK due-out detail with a matching due-in from maintenance detail document number, blanks the due-in from maintenance detail document number, and creates an SPR to requisition for the due-out (output by NGV685).

16.7.60. NGV720. Due-In Excess is a dependent interface program which is activated by the releveing program NGV710. It acts to satisfy requests for cancellation of excess due-in details when not prohibited by positive shipping or billing action. It reviews due-ins for priority downgrading when not marked for due-out.

16.7.61. NGV721. Forced Excess activated by input of a Forced Excess (FEX) Image. Releveling is accomplished and quantity reported excess is based on requirements computation unless the input TEX is 3, or supply condition code is E, F, or G. No action is taken on input

FEX if ERRCD is XD and budget code is blank, the item is Air Force critical, or supply condition code is A, and an excess report detail record already exists with MMC A for other than AFMC equipment items. Reports of customer excess are not produced for item record routing identifier code unless the input FEX contains a routing identifier code. When report images are produced, the applicable M32/M33 record area is updated (dollar value reported FEX).

16.7.62. NGV722. File Status Excess is a dependent program which is activated by the releveing process. It prepares excess report images, establishes excess detail records, and produces forced excess review or TRM images as appropriate.

16.7.63. NGV730. Requisitioning for Due-Outs determines requisition action for due-out conditions. If the maximum automatic obligation/urgency of need on the materiel acquisition control record suppresses requisitioning, a fund requirement image is output. Requisitioning action is accomplished by interface with program NGV733.

16.7.64. NGV731. Requisitioning for Stock Replenishment determines action required for stock replenishment requisitioning. Fund requirement images (FRC) are produced if the requisitioning action is suppressed by stockage priority code, maximum automatic obligation, or stockage priority subgroup code. Requisition action is accomplished by interface with program NGV733, when not suppressed.

16.7.65. NGV732. Requisitioning/Fund Requirement Image Reinput causes a requisition to be produced through interface and establishes a due-in detail record. It also produces FRC or 1SH image(s) when required. If the FRC is for a due-out detail record, the due-out detail memo flag is changed to zero (firm due-out).

16.7.66. NGV733. Consolidated/Requisition Output updates the routing identifier record, prints/produces the requisition, produces the receipt trigger image, and builds and writes the transaction history for all requisition programs.

16.7.67. NGV734. MICAP Cause Code Assignment is dependent on interface programs providing an input image and various database records (previously read into common storage). A NOR image is created for subsequent interface action. Edits are performed on the input and select record elements. Additional records are read as needed, to set an obligation flag and determine assignment of a cause code.

16.7.68. NGV735. FSC/MMC Record Look-Up/Requisitions is a common routine for all requisition programs which reads the FSC and MMC records and builds the appropriate routing identifier code. (The generated routing identifier code is established in common storage.)

16.7.69. NGV738. Requisition Exception Processing when activated by interfacing programs, adjusts quantity unit pack when required. When an FRC/SPR is input to requisition for a due-out that was previously canceled and the item contains REX 1, a TTPC 2B transaction history is established and REX 1 is deleted from the item record. It also ensures that only one requisition per day, per priority group, is submitted to GSA/DSCP.

16.7.70. Reserved For Future Use.

16.7.71. Reserved For Future Use.



16.7.72. NGV743. MICAP/AWP Retrieval - Retrieves information specific to a MICAP/AWP condition, and builds and/or updates the MAJCOM and Remarks fields on the MICAP/AWP record through use of the IMM input TRIC.

16.7.73. NGV744. 3101 Inline Unique is activated by input of TRICs 1RG, D6A, and XV9 via terminal and pseudo reader. NGV744 edits 1RG and generates a 99S output for SIFS processing to required installation sites for item and detail record loads of incoming project materials. NGV744 edits D6A. If 001-CSB-SRAN is not 3101, D6A is stored for SIFS processing to EID for property receipt acknowledgment. If 001-CSB-SRAN is 3101, a 5U transaction history is created, and AE1 is internally generated to delete due-ins established on initial shipment of Communications-Electronics projects. NGV744 edits XV9 and generates a 5Q transaction history.

16.7.74. NGV745. 3101 Project Shipment is processed in a batch demand mode. It is activated by keyin from a demand terminal. NGV745 provides the capability to ship routine and priority supplies items from the Engineering Installation Division warehouses at Tinker AFB OK to designated installation sites for support of Communications-Electronics projects.

#### **16.8. Reports Programs (NGV776 THROUGH NGV919).**

16.8.1. NGV776. Aircraft Sustainability System (R26) provides available stock levels in the SBSS for upload to ASM. ASM will allow the assessment of the sortie generation capability of a War Readiness Spares Kit (MRSP) or Base Level Self-Sufficiency Spares (IRSP) kit.

16.8.2. NGV777. Consolidated Transaction Register (M19) produces a consolidated register of transaction histories to be used for research purposes, but the primary purpose is to replace the daily transaction registers for the period included in the consolidated register.

16.8.3. NGV778. Daily CTH Merge (D37) selects printable transaction history records for merging daily into the consolidated transaction (CTH) history record area and creates document control records (DCR).

16.8.4. Reserved For Future Use.

16.8.5. Reserved For Future Use.

16.8.6. NGV781. Delinquent Document List (R59) produces a delinquent document listing containing all delinquent and predelinquent document control records based upon established criteria and also all delinquent source documents.

16.8.7. Reserved For Future Use.

16.8.8. NGV783. Document Control Record (DCR) Retrieval provides interface between the S1100 and the personal computer (PC) for selecting and transmitting document control and Consolidated Transaction History (CTH) records. To delete or update document control records (DCR), delete delinquent source records, and update CTH records.

16.8.9. NGV784. Delinquent Source Document Inquiry retrieves, adds, changes, or deletes delinquent source document (DSD) records on the Consolidated Transaction History (CTH) database.

16.8.10. NGV785. Delinquent Date Change enters an Ordinal date used by the delinquent document listing (R59/NGV781) program instead of the current processing date (located on the 002-ORDINAL-DATE) when computing the delinquent and predelinquent document days.

16.8.11. NGV786. TRIC Record Update loads, changes, deletes, or lists delinquent transaction identification code (TRIC) records. The delinquent TRIC records contain the TRIC and the applicable delinquent and predelinquent day criteria used by program NGV781/R59.

16.8.12. NGV787. Daily Equipment Transaction Report (D24)(C001) selects equipment transactions with equipment management codes (EMC) 3, 4, 5, or transaction histories that have an equipment management exception flag (EMEF) R. Program NGV787 produces an item balance overlay record (XGG) based on the daily transaction record that has affected balances on the item record or authorized-in-use-detail. Data images produced provide the Air Force Materiel Command (AFMC) item managers with worldwide visibility of tracked equipment assets and assist in the computation of equipment requirements.

16.8.13. Reserved future use.

16.8.14. NGV789. Bin Labels (R38) provides the requester with as-required replacement bin labels. When requested, warehouse and bench stock type labels are produced in LOGMARS format. Labels for SPRAM, equipment, MSK, MRSP, WRM spares, and Supply Point are produced in ASCII format only.

16.8.15. Reserved for future use.

16.8.16. NGV791. Validation of War Reserve Materiel Details in 024/025 set (R70) provides a tool for the requester to ensure the integrity of WRM details in a MRSP-IRSP-SERIAL-NUMBER (024)/MRSP-IRSP-CONTROL (025) SET, by listing the WRM detail errors that are encountered in the set.

16.8.17. NGV793. Transaction History Merge (R71) provides the capability to merge daily transaction history tapes into one tape file. Daily, weekly, or monthly tapes can be merged into a single tape, which is merged into a consolidated file in transaction register sequence.

16.8.18. NGV794. Provides system data files to DMAG for DMAPS organizations with fund codes '6M', '6L', and '6Z'.

16.8.19. NGV795. Mobility Equipment Register (R75) provides a listing of mobility equipment items for use at base level. The program scans the authorized in-use detail area for mobility equipment items with a use code A and item codes P and S and war reserve materiel (WRM) application codes. The listing is used to compute the percentages of mobility assets on hand.

16.8.20. NGV796. CTH Register (R72) produces a consolidated register of transaction histories from the CTH database for the period indicated in the input select format. The primary purpose of the register is to provide a listing in transaction register format for satellites being rehomed to another base. This register then becomes an auditable document which can also be used for research purposes.

16.8.21. NGV797. Equipment Data Bank Dump (R73)(C001) provides the capability to produce an output file of all records required to establish or update the AFEMS data bank file.

16.8.22. NGV798. Repairable Support Division (RSD) Summary Report (D26) selects RSD, budget code 8 items, and places them in a flat file for use with the RSD microcomputer software.

16.8.23. NGV800. Daily Transaction Register (D06) provides a tool for Document Control and a research document for the Inventory Branch in determining corrective action for adjustment of balances. It also provides the required audit trail.

16.8.24. NGV801A. Batch Production Scheduler preprocesses all SBSS transactions entered by a batch or demand device, inserts the select images into the appropriate ECL runstreams, and starts program NGV801B which starts the runstreams created by NGV801A.

16.8.25. NGV801B. Reports/Batch Driver performs the @START of the ECL runstreams created by NGV801A.

16.8.26. NGV801C. Production File Update creates the master Batch Production Scheduler File (BPS).

16.8.27. NGV801D. Reset Active Batch Production Schedule Gang Flag provides error recovery for abnormal termination of runstreams. It flags the local BPS record of the error and removes the active flag for the runstream. This allows the next execution of program NGV801A. Otherwise, the batch driver system assumes that a program NGV801A run is active and rejects all other executions.

16.8.28. NGV801E. Batch Production Schedule File Cleanup executes in runstream NGV898CRR which processes the select image RPTRUN. It deletes the local ECL (nBPSyyy\*GVECLUD001. (see NOTE)) and BPS (nBPSyyy\*GV801AUD001. (see NOTE)) files created by program NGV801A during twilight and reports mode processing. **Note:** The following information applies:

16.8.28.1. n = gang number

16.8.28.2. yyy = Restart Number (Program NGV801E deletes all restart numbers)

16.8.29. Reserved for future use.

16.8.30. NGV802. High Priority Mission Support Kit Report (R21) provides a management product for HPMSK authorizations, assets, and products for cycle inventory and also produces issue formats for shortages when requested.

16.8.31. NGV803. Conversion Audit List (R22) provides materiel managers with a print of all item records, their related repair cycle records, and detail records. It is used as a history document of record status immediately subsequent to base conversion and as a relationship edit to verify conversion programs. It prepares three printed reports: item, detail and repair cycle audit list, repair cycle record, and detail records.

16.8.32. NGV804. Daily Document Register (D04) provides a list of all transactions processed for assigned organization and internal Materiel Management functions. The document register produces document control images (DCC) for use in controlling auditable transactions through the SBSS and provides materiel management and supported customers with a comprehensive daily means to review normal customer transactions. Customers are provided with a product in document number sequence which reflects, in clear text, the materiel management action resulting from their inputs, including applicable special level detail updates and changes. The daily listing is designed for distribution down to shop level and provides a ready reference for reconciling questions regarding Materiel Management response to

customer requirements while providing information to determine possible Materiel Management systems abuses within the organization.

16.8.33. NGV805. Special Level Analysis (R24) provides pertinent management data to be used by the Supply Management Activity Group (SMAG) Division in reviewing and determining the impact of assigned special levels on inventory investment and dollar value of minimum levels.

16.8.34. NGV806. SBSS/LOGFAC Interface Report (R18) provides Logistics Feasibility Analysis Capability (LOGFAC) an output disk data file of current consumables, equipment, and vehicle data for the purpose of producing capability and asset posture reports. It also assists in performing WCDO, WRM equipment, and vehicle asset reconciliation and to identify WCDO/WRM equipment and vehicle shortages and excesses.

16.8.35. NGV807. Daily Base Supply Management Report (D14) provides each manager and the LRS CC/AO with daily totals required for management and surveillance of the LRS account. In addition, program stores totals for the monthly Base Supply Management Report.

16.8.36. NGV808. Monthly Base Supply Management Report (M32) provides management data to the LRS CC/AO and each manager of host and satellite accounts for the analysis of the overall operational effectiveness of the SBSS, potential problem area detection, and statistical data in support of system requirements. It provides a selective inquiry of management data categories, prints totals accumulated by the daily D14, and blanks the cumulative data stored on the management data records during end of month processing and provides management data to the Supply Management Analysis Reporting System (SMARS) and to MAJCOMs.

16.8.37. NGV809. Management Data Record Load (R44) is used to load or delete organization repair table records, weapon support effectiveness SRD tables, and MICAP SRD tables. This program is also used to load or delete management data records for a complete system designator.

16.8.38. NGV810. Delinquent Shipment Listing (R40) provides Cargo Movement with a list of shipments for which transportation data have not been provided to LRS or for which a date shipped has been provided without a hold code, transportation control number (TCN), or government bill of lading (GBL).

16.8.39. NGV811. Organization Bench Stock List (S04) provides a listing of items on bench stock within a given organization. Program NGV811 uses the bench stock details and associated item records to produce a listing of bench stock items. The listing may be produced in any one of five different versions, or any combination thereof.

16.8.40. NGV812. Sample Inventory Count Image (R17) provides count images for performing physical count of items selected for sample inventory and a listing for control purposes.

16.8.41. NGV813. Provides a system data file of selected transaction histories to be sent via file transfer to Air Force Total Ownership Cost (AFTOC).

16.8.42. NGV814. Stock Number Directory (M14) provides a tool for materiel managers to determine the items included within their respective accounts.

16.8.43. NGV815. Leveling Data Update (S01) updates the nonrepair cycle record demand data, blanks the file status quarter code, and prints/zeros the AFK account file status excess data.

16.8.44. NGV816. Wholesale Transaction Report (D35) provides a listing and produces a flat file of receipt acknowledgment D4(x)/D6(x), inventory adjustment D8J/D9J, and increase/decrease-condition transfer (DAC) report transactions.

16.8.45. NGV817. Equipment Data Bank Dump (R16)(C008) provides the capability to dump all records required to establish the AFEMS data bank file.

16.8.46. NGV818. Cumulative Reject Processor provides the tool for materiel managers to pinpoint activities and individuals that are causing error rejects and to determine corrective action. Program NGV818 also creates a listing of internal rejects, clears cumulative rejects with transaction histories for that day, and creates a listing of rejects stored internally in the cumulative area.

16.8.47. NGV819. Repair Cycle Data List (Q04) provides maintenance activities with a product reflecting reparable returns with action taken codes for each repair cycle item for use in reviewing the base in-house repair capability program. Program NGV819 provides Record Maintenance with a listing of repair cycle records with indicative codes contained in each record for file and record maintenance. Quarterly, program NGV819 realigns repair cycle and stock control data.

16.8.48. NGV820. Priority Monitor Report (D18) provides for current review of priority due-out requirements UND A and B on a daily/weekly basis.

16.8.49. NGV821. Base Supply Surveillance Report (D20) provides a surveillance system designed to identify and monitor abuses for creditable issues, creditable/noncreditable returns, bypassing of DIFM/EAID controls, visibility of intransit property gains/losses, unit price variances, and terminal security violations to ensure adherence to prescribed policy and procedure by all Air Force supported activities.

16.8.50. NGV822. Item Record Selective Readout (R32) provides a capability to select item and detail records when the item records meet all conditions established by a variable input parameter image. Program NGV822 also produces an image for each item and detail record found that meets the condition in the parameter image.

16.8.51. NGV823. Zero Balance Stratification (Q02) accumulates totals on supply item records (with a zero serviceable balance in system designator 01) that have a positive requisitioning objective and a date of last transaction within the past 90 days. It produces a one page listing which depicts totals reviewed and percent of zero balance within major funding category.

16.8.52. NGV824. Special Spares Report (R34) provides a management product for special spares authorizations, assets, and products for cycle inventory and also produces issue formats for shortages when requested.

16.8.53. NGV825. TRADES Asset Management Report (R05) produces files of required data to build the TRADES model. The TRADES model in turn will prevent delays in repair and shipment of critical avionics assets to maintenance organizations supported by TRADES.

16.8.54. NGV826. Shipping Destination Record Listing (R08) provides a listing of shipping destination records which are loaded and used for reparable shipments.

16.8.55. NGV827. Stock Fund Stratification (M20) provides a uniform stratification of SMAG items for the identification of assets by purpose for which held. Program NGV827 also provides a gross measurement of a base's logistics as a point in time and has a capability for compatible reporting of SMAG assets and transactions as a basis for preparation of realistic SMAG operating programs.

16.8.56. NGV828. Special Level Review (R35) provides the capability to select special level details for update on review, or produces a list and prints management data required for review/validation of special levels.

16.8.57. NGV829. The report is no longer required.

16.8.58. NGV830. Priority Requirements Action List (R01) provides stock control with a product to selectively monitor priority requirements. Also provides a listing and transaction inputs for suspect problem due-outs.

16.8.59. NGV831. Inventory Count Image (R12) provides inventory count images based on input parameter selection in warehouse location sequence and a count listing in stock number sequence. Program NGV831 updates inventory accuracy record line items counted, recorded balance, and dollar value of record balance. Program NGV831 also freezes the item records for which count images are produced with a freeze code of C. If processing is for LOGMARS functions, a CIC-inventory database file is written, in lieu of creating output CIC images.

16.8.60. NGV832. Non-Airborne MRSP Listing (R52) provides a management product for non-airborne RSP authorizations, assets, and products for cycle inventory and also produces issue formats for shortages when requested.

16.8.61. NGV833. Daily SRD Update (D13) provides the capability to establish and accumulate weapon system usage data by standard reporting designator.

16.8.62. NGV834. BCE Due-Out Status Listing (D03/M09) provides the Base Civil Engineer with current and meaningful data to assist in the review and validation of work order requirements. This supply product also allows the BCE to ensure that requisitioning and follow-up actions are initiated expeditiously.

16.8.63. NGV835. Warehouse Location Validation (R36) provides an image deck to verify that the assigned item record warehouse location is the same as the physical warehouse location. Program NGV835 identifies item records with a serviceable balance which are not assigned a warehouse location and those records with duplicate locations. FCS delete images are produced for deletion of dead locations. If processing is for LOGMARS functions, a location-validation database file will be written in lieu of creating output FCS images.

16.8.64. NGV836. Consolidated Inventory Adjustment Register (M10) produces a consolidated listing of adjustments to record balances, providing space for appropriate certification and approval signatures. In addition, a listing of controlled item adjustments is produced and sample inventories in progress over 30 days are identified. It also produces the FIX control serial number list with a certification signature statement.

16.8.65. NGV837. Bin Labels (R38) provides bin labels on a daily basis for any new location loads, location changes, or new detail record loads that occurred during that transaction day.

16.8.66. NGV838. Prep Inventory Accuracy Records (A02) provides the capability to prep designated records on the database to accommodate inventory accuracy data collection. The program provides options to selectively blank data or completely blank and reset appropriate serial numbers at end of fiscal year processing. All records that meet select criteria are printed as before and after images. The sequence is system designator, type account code.

16.8.67. NGV839. Consolidated Custody Receipt Listing (R23) provides a consolidated listing of assets to a single custodian at off-base locations or a consolidated listing for on-base organizations or shop codes. The listing also provides a management product for use by equipment review teams, both at base and command level.

16.8.68. NGV840. O&M Equipment Requirement (R27) provides Funds Management and the MMO with base funded dollar data to control distribution of funds and to assist in the preparation of budget estimates/financial plans.

16.8.69. Reserved for future use.

16.8.70. NGV842. Two-Level Maintenance Metrics (D31) provides daily and monthly management data on Two-Level Maintenance (2LM) and Agile Logistics (AL) assets with a level of maintenance code assigned.

16.8.71. NGV843. Arms Reconciliation (A03) provides the base ammunition activity with a listing of all ARMS records on an as-required basis. It provides an option to terminate an exercise and produce an ending exercise balance file. The program also provides for semiannual reconciliation and produces ammunition transaction images and balance images.

16.8.72. NGV844. Weapons Training Detachment Operating Spares Report (R62) provides a management product for WTDOS authorizations, assets, and products for cycle inventory and also produces issue formats for shortages when requested.

16.8.73. NGV845. SRD Demand Data Dump (R48) provides AFMC with the necessary standard reporting designator information required for the Weapon System/Resource Identification System.

16.8.74. NGV846. AWP Validation Listing (D19) provides necessary management products to assist in the monitoring of AWP end items. It provides a listing of AWP due-out detail records with applicable MICAP AWP records, due-in, and status detail records for AWP end items. The D19 also provides financial data to allow maintenance managers to consider the economic impact of repairing versus replacing the end item.

16.8.75. NGV847. Special Packaging Instruction Reconciliation (S02) identifies and lists special packaging instructions (SPI) for use by Cargo Movement to verify the accuracy of the SPI file.

16.8.76. NGV848. WRM Requirements (Q07) accumulates the dollar value of RSP (including use code D auth/in-use details) shortages for items in the NATO (budget code 1), Materiel Support Division (MSD) (budget code 8), and General Support Division (GSD) (budget code 9) of the SMAG. It also provides MAJCOM with the data needed to determine RSP requirements for GSD SMAG items.

16.8.77. NGV849. Standard Reporting Designator File Update (A01) provides bases with the capability to update, change, or delete SRD records. The update option is to be processed at least annually to update the date of last demand and quantity on the SRD record. It prints selected listings as well as reject notices.

16.8.78. NGV850. Bench Stock Review (M04) provides the Bench Stock Support Unit and individual organizations with the necessary products for reviewing automatic changes, recommended deletes of existing bench stock detail records, and items for possible addition based on consumption.

16.8.79. NGV851. Due-Out Status List (R31) provides data for review of current due-out requirements. This program also provides optional due-in and status information for the selected due-out detail records.

16.8.80. NGV853. SRD Demand Data Analysis (R37) will perform analysis on data accumulated by the Daily SRD Update and outputs data by standard reporting designator (SRD) based on options in the program select image. Program NGV853 can be used to print the authorized SRD table and active SRD from the demand data records.

16.8.81. NGV854. Shipment Loss Analysis (M16) provides a three-part listing of tracer action required receipts identifying potential losses, actual losses, and recovered shipments.

16.8.82. NGV855. Munitions Stock Scan (M13) is designed to compute inventory control data, item record data, miscellaneous/detail record data, and status of due-ins for the Monthly Munitions Management Report (M25/NGV864).

16.8.83. Reserved for future use.

16.8.84. NGV857. Fund Requirement Image Update/Analysis (R04) provides the Stock Control element with a current file of fund requirement inputs and a listing of dollar requirements by budget code and system designator. This program allows for selective purchasing to ensure maximum use of available dollars and this program will update the requirements computation flag on the item record for budget codes 1, 4, 8 or 9.

16.8.85. NGV858. Part Number Directory (M21) provides the capability to print the part number/stock number relationships record and associated item and part number records.

16.8.86. Reserved for future use.

16.8.87. NGV860. Project Materiel Status Review (R53) provides a means of identifying items that have an estimated delivery date (EDD) that is greater than the date materiel required (DMR).

16.8.88. Reserved for Future Use.

16.8.89. NGV862. MACR Factor Analysis (R45) provides a uniform stratification of SMAG items for the identification of assets. Program NGV862 provides a gross measurement of a base's logistics requirements at a specific time by comparing asset availability to known requirements. Program NGV862 also provides the Materiel Management Flight and the funds manager with a listing of dollar requirements by budget code, system designator and stockage priority code to allow for selective purchasing and the use of MACR factors to ensure maximum utilization of available dollars.



16.8.90. NGV863. Organization Effectiveness Report (M24) provides a list of issue/bench stock effectiveness for each organization supported. Program NGV863 uses totals accumulated on the organization record to determine the percentages for the report. Program NGV863 also updates LRS materiel management data records and blanks counters on organization records when the EOM option is used.

16.8.91. NGV864. Monthly Munitions Management Data Report (M25) provides monthly totals for materiel management effectiveness and selected transactions to ensure effective management of the AFK accounts. The report facilitates surveillance and management at all levels.

16.8.92. NGV865. Due-In Receipt Image (R28) provides an updated due-in receipt image file on a timely basis and a listing of the due-in receipts created from due-in/status details and selected memo due-out details containing project code 440.

16.8.93. NGV866. Interchangeable and Substitute Group Listing (R02) provides a composite compilation of item relationships in which a base has established a user interest. Capability is available to select items in an ISG by system designator and/or type account code. Satellite output is provided when applicable for all ISG select options other than 11 zone in position 65. Interrogation follow-up action is provided when position 66 contains an 11 zone or I. All output for the interrogation follow-up is at the CSB. An additional listing of master and substitute items is provided when position 64 contains an 11 zone, and is used in conjunction with selections in positions 65, 71, or 73.

16.8.94. NGV867. RSP Reconciliation (S05) provides a reconciliation between RSP authorizations input record (XVF) file and the base-level RSP authorizations.

16.8.95. NGV868. Daily AFRAMS Report (D28) provides transaction, asset, and daily demand rate (DDR) percent of base repair (PBR) from the daily transaction histories when a change occurs in the asset or level position.

16.8.96. NGV869. Inventory Accuracy Trends (M23) provides a consolidated listing of year-to-date inventory adjustments which will make it possible to determine if accuracy fluctuations call for increased research and analysis.

16.8.97. NGV870. Exception Phrase Listing (R03) provides a management product to facilitate the addition and/or deletion of exception codes.

16.8.98. NGV871. Routing Identifier Listing (Q05) provides management data by priority group on requisitions submitted, follow-ups submitted, status received, and depot/base cancellations. Program NGV871 computes new average order and shipping time days by priority group and provides an option to update order and shipping time days for each priority group which has 100 or more receipts.

16.8.99. NGV872. Due-Out Validation (M30) provides a management tool for validating all due-outs monthly, except UND C equipment due-outs which are validated at least once each quarter. Due-outs for supply point, bench stock, and Civil Engineer requirements are excluded from the Due-Out Validation Listing.

16.8.100. NGV873. C-Factor Assignment (Q01) assigns C-Factors to item records based on parameter image SRD by matching them to the SRD master demand data tape file. Program

NGV873 provides a listing of updated item records and a summary of records updated by source of supply, ERRCD, dollar value of demand levels, and safety levels by budget code.

16.8.101. NGV874. Weapon/COMSEC Reconciliation (R46) reconciles the 249 and 250 records against the item and detail records on a monthly basis to produce an edit error list. It also provides the capability to produce output SIFS files for the annual reconciliation for weapons or the semiannual reconciliation for COMSEC.

16.8.102. NGV875. Supply Point Listing (Q13) provides a listing of supply point details with quantity authorized, on-hand, and due-out for each detail.

16.8.103. NGV876. Airborne MRSP Listing (R43) provides a management product for airborne MRSP authorizations, assets, and products for cycle inventory and also produces, issue formats for shortages when requested.

16.8.104. NGV877. OMB A-76 Cost Comparison (R06) provides the Office of Management and Budget (OMB) data to compare in-house versus contracted support for EEIC 600, 602, 605, 609, 628, 641, 642, and 643.

16.8.105. NGV878. SRD Due-Out Summary (Q14) provides management at all levels with the option of selecting due-out analytical data pertaining to each weapon system assigned and provides the capability to update M32 records with pertinent data on a specific SRD when required. This capability will be used upon request of HQ USAF.

16.8.106. NGV879. Standard Base Supply System/Distribution Standard System/Management Information System (SBSS/DSS/MIS) (D36) Interface provides the Defense Logistics Agency (DLA) with information on the performance of receipts, vendor-owned container receipts, turn-ins and issues and due-out releases at the AFMC Air Logistics Complexes and Communications System Center (CSC).

16.8.107. NGV880. Base Level Self-Sufficiency Spares Report (R63) provides a management product for IRSP authorizations, assets, and products for cycle inventory and also produces issue formats for shortages when requested.

16.8.108. NGV881. Stock Status Scan updates selected management data records used by the Monthly Base Supply Management Report. The data accumulated by this report provides statistics for system changes and/or modifications.

16.8.109. NGV882. Base Service Store Inventory (S06) provides a semiannual inventory program for retail outlet stores. It provides the management products to inventory retail outlet store items by selected options. Depending on the option selected, program NGV882 produces BIR output images, inventory listings, and freezes/unfreezes item records as required.

16.8.110. NGV883. Temporary MSK/HPMSK Transfer provides for interactive screens to transfer Mission Support Kit (MSK) details and corresponding COMSEC in-use serialized control records.

16.8.111. NGV884. ISSL/FOSSL Fill Rate Listing (R09) provides a listing of special level details and a summary totals page reflecting the fill rate of ISSL/FOSSL records loaded in the SBSS database.

16.8.112. NGV886. Monetary Impact (R11) accumulates and prints SMAG impact prior to loading ISSL/FOSSL and MRSP/IRSP decks. Maintenance Spares Support Lists (MSSL)

developed by the MAJCOM can also be tailored to an individual base file and reinput for determination of SMAG impact.

16.8.113. NGV887. Provides system files for reporting Awaiting Parts (AWP) component parts requirements and Due In From Maintenance (DIFM) status to AFMC data systems (D035).

16.8.114. NGV888. WCDO/WRM Munitions List (R07) provides management products for WCDO and WRM munitions authorizations and assets. The R07 will also provide products for cycle inventory when the detail record contains a warehouse location and issue formats for shortages computed when requested.

16.8.115. NGV890. Base Closure Demand Data For DLA (R13): provides a SIFS interface file for reporting of demand data (based on the percentage of the weapon systems remaining active) to the Defense Logistics Agency when base closure actions are implemented.

16.8.116. NGV891. Repairable Support Division (RSD) Inventory Reconciliation (M02) provides the Standard Materiel Accounting System (SMAS) with data needed to classify SBSS end-of-period inventories into the correct general ledger accounts, compute dollar balances for these accounts, and reconcile them with the corresponding general ledger account in SMAS. This report is also used to research out-of-balance conditions between the SBSS and SMAS.

16.8.117. NGV892. Due-Out Shredout (M11) provides the Standard Materiel Accounting System (SMAS) with data needed to update statistical general ledger accounts which reflect the status of customer requirements. This report is also used by Accounting and Finance personnel to validate general ledger updates in SMAS and to research any out-of-balance condition that exists between SMAS and the SBSS.

16.8.118. NGV893. Special Purpose Recoverables Authorized To Maintenance (SPRAM) System (R25) validates authorization and provides asset accountability/visibility of XD/XF items used as field isolation spares, shop standard spares, training spares, stand-alone spares, test station spares, -21 TO/alternate mission equipment spares, other SPRAM spares, and other type spares.

16.8.119. NGV894. Other Asset Listing (R64) provides a management product of other assets available which can be used during periods of Degraded Operations.

16.8.120. NGV895. MAJCOM CSMS Reconciliation (R30) provides WRM and peacetime operating stock (POS) that pertain to WRM assets. This information is forwarded through DDN to HQ AFMC, the centralized database which assists in management review, capability assent, and immediate access for wartime tasking, control, and circulation of war plan objectives.

16.8.121. NGV896. OMB A-76 Investment (R39) produces data on high-cost equipment for the Office of Management and Budget (OMB).

16.8.122. Reserved for future use.

16.8.123. NGV898. RPS Message Receiver acts only as a receiver for a response asked of the RPS console operator and passes the response to the applicable program.

16.8.124. NGV898A. Update Handler included in all batch program runstreams to compute processing time format end-of-job messages. This program also updates the report processing

data record, reports sequence control record, and the batch production schedule file. Calls program NGV898B to output the end-of-job message.

16.8.125. NGV898B. Message Handler called by batch application Programs To Send Management Notices And Reject Notices To The RPS console. When the calling program sends a valid reject code, program NGV898B reads the reject code's reject notices record from the database to obtain a plain language description and displays the information to the RPS console. If the calling program sends zeros for the reject code, program NGV898B assumes the program provides its own message in the message field. Program NGV898B displays this message on the RPS console. After program NGV898B displays the message in either of the above situations, it accepts input from the RPS terminal. This provides application programs the ability to request input from the RPS terminal.

16.8.126. NGV898C. Report End-Of-Night (RPTEON) reads and edits the reports sequence control record to ensure that all daily and monthly reports have been processed. This program reads the special control record and updates the input count record for each terminal. It also resets the necessary flags on the special control record so next-day processing can begin.

16.8.127. NGV899. Stock Control and Distribution (SC&D) Cycle Inventory Report (R67). The report is no longer required, however the SBSS has not been updated.

16.8.128. NGV900. WRM Availability Report (R20) provides commanders a means of reporting RSP availability to their MAJCOM, a means of assessing readiness after peacetime operating stock (POS) has been distributed, and a means of assisting in the M-rating process.

16.8.129. NGV901. Allowance Source Code Listing (Q09) provides Equipment Management with the capability to ensure that equipment authorizations are maintained within prescribed allowances, that units are requesting authorization of minimum quantities of equipment required, and that the allowance source code is applicable to the using activity.

16.8.130. NGV902. Custodian Authorization/Custody Receipt Listing (R14) provides a listing to aid in control of in-use equipment, to serve as custody receipt, and to facilitate reconciliation of record balances with quantities in possession of the custodians. The program also identifies out-of-balance conditions, dollar requirements of specific organizations and shops, and is used as a document register to identify excesses. Program NGV902 also has the option of producing TRIC EIC inventory count images.

16.8.131. NGV903. Vehicle Asset Listing (M06) provides Equipment Management with a current list of all vehicles presently loaded in the system. Program NGV903 identifies duplicate vehicle registration numbers and produces REM images and listings for reconciliation of motor vehicle data between the REM detail and the Vehicle Integrated Management System (VIMS).

16.8.132. NGV904. RSP Shortages (R42) provides for management of products for War Readiness to identify shortages for a specific RSP kit or kits and the source of where assets are located when requested.

16.8.133. NGV905. Repair Cycle Asset Management List (D23) provides a management tool for Materiel Management Flight to monitor status and maintain visibility of issued assets controlled by maintenance activities within the repair cycle using the due-in from maintenance (DIFM) process. The D23 aids maintenance activities in controlling reparable processing and

DIFM control. Product can provide an overall stockage and asset position visibility for each of the assets in the repair cycle.

16.8.134. NGV906. Equipment Out-Of-Balance Listing (Q10) provides a management product to assist the equipment manager in identifying and correcting out-of-balance conditions for authorized in-use, registered equipment management (REM) vehicle only, and due-out details.

16.8.135. NGV907. Daily Combat Fuels Management System (CFMS) Report (D33) produces the Combat Fuels Management System (CFMS) report images for transmission to applicable major commands.

16.8.136. NGV908. Bench Stock Output - provides the capability to print routine bench stock issue (BSU) documents in batches. It also allows the 3101 account to print routine MSI documents in batches at each respective warehouse.

16.8.137. NGV909. Project Levels Review (Q11) computes fixed levels for 3101 account and produces load, change, delete, or validation images for pseudo processing.

16.8.138. NGV910. SRD Demand Data Analysis/Consolidated (R65) reads 1SD images from single or multiple input files. Program NGV910 compiles and consolidates demand data, daily demand rate (DDR) ranges, and dollar value by SRD and budget code. Program NGV910 also provides managers a means of forecasting requirements by providing visibility of online items and the dollar value impact by budget code when establishing special levels for mission increases.

16.8.139. NGV911. Base RSP Review Report (R54) produces a listing and disk output to review RSP requirements by standard reporting designator (SRD) for mission design series (MDS) at base level. It also provides factored data to the MAJCOM for consolidation and analysis using disk output from the base.

16.8.140. NGV912. Hazardous Materiel Report (M15) provides the base Bioenvironmental Engineer with a consolidated list of all transactions that occurred against items identified as being a health hazard.

16.8.141. NGV914. RSP Base Authorization Input Processor (S07) is processed in demand mode on the primary database. Provides a listing of RSP authorizations and allows an automated means to format inline inputs.

16.8.142. NGV916. Mission Support Kit Report (R50) provides a management product for MSK authorizations, assets and products for cycle inventory and also produces issue formats for shortages when requested.

16.8.143. NGV917. Readiness Base Level Misallocated List (R49) provides the capability for materiel managers to monitor RBL levels and ensure the quantity is distributed correctly within the local Interchangeable and Substitute group.

16.8.144. NGV918. Automated Post-Post File Creation (R66) provides the capability to create a disk file that contains database records required for support of the automated post-post system. **Note:** Post-post is a legacy term that identified where transactions were posted/input to automated systems after the actions were performed. Because it is listed on SBSS output notices, the term is still retained in this context.

16.8.145. NGV919. Stock Control and Distribution (SC&D) database Primer Report (R68). The report is no longer required, however the SBSS has not been updated.

#### **16.9. Accounting and Finance Programs (NGV920 THROUGH NGV999).**

16.9.1. General. The inline programs are designed to process individual transactions as they enter the system, each being completed prior to starting the next.

16.9.1.1. End-of-day and report programs, which are triggered by programs select images, cannot be processed until a chain of events has transpired. Certain reports may be processed before others. This is internally controlled by A&F Sequence-Control Record and any deviation causes the program select images to reject.

16.9.2. NGV920. Reserved For Future Use.

16.9.3. NGV921. Reserved For Future Use.

16.9.4. NGV922. Local Purchase Status is activated by interface from program NGV579 to perform the following functions as required: foreign currency computations; surcharge computations; Transaction History Record updates and MACR updates by interface with program NGV950; and outputs A862 Management Notice, when required.

16.9.5. NGV923. Repairable Support Business Activity Transactions Recovery. It provides the capability to re-create output SBSS-SMAS Interface File. Originally created by End-Of-Day IMR and GLA Update (program NGV980/D07). It is a management tool used by Accounting and Finance, Budget, Supply, Resource and Cost Center Managers.

16.9.6. NGV924. M-Year Obligation. This program provides a listing of obligated due-outs loaded in the Materiel management database which are older than 4 years. The listing is required to reconcile M-year obligations between Accounting and Finance, Materiel management, and the BQ system. It is a management tool for use by Accounting and Finance, Budget, Materiel management, and Cost Center Managers.

16.9.7. NGV925. Ground Fuel Charges/Updates. Base Fuels Office processes TRIC 1GC input and is used for recording ground fuel purchases. Input is restricted to the RPS/main pseudo and terminal functions assigned to the Base Fuels Office. A Receipt and Issue Transaction History Record is built, a Received Not Billed Detail Record is established or updated, and the appropriate Project Funds Management Record and the Item Record Date Of Last Transaction are updated. End-of-day processing of the Transaction History Records results in Organization Cost Center Record and Fuels Sales Analysis Report updates.

16.9.8. NGV926. Reserved For Future Use.

16.9.9. NGV927. Ground Fuel Charge Payments A&F Analysis processes 1GM input for recording Ground Fuel Payments for credit image and other charge methods. Input is restricted to the RPS pseudo reader and terminal functions numbers 041-049 and 053. A payment Transaction History Record is built and Received Not Billed Detail Record is deleted or decreased. End-of-Day processing of the Transaction History Records results in General Ledger Account updates for the payment.

16.9.10. NGV929. Move ORG/PFMR Records and Balance Program to aid in the Rehome process by automatically creating ORG, PRJ, and XSE inputs for transfer of financial records

from losing to gaining base as well as creating inputs to zero and delete financial record at losing base. The current year and four past prior years are selected.

16.9.11. NGV931. Foreign Currency Rate Update. 1XT935 Scans the SBSS database and updates the Foreign Currency Record, Item Record, and Local Purchase Status Detail Records applicable to the input currency identifier code. This process also deletes Foreign Currency Records when the currency code delete flag D is entered in the Foreign Currency Record, and when the scan shows that no Local Purchase Status or Received-Not-Billed (RNB) Detail Records are in the SBSS database.

16.9.12. NGV932. PFMR Funds Check/Update is activated by interface from Materiel management programs NGV410 and NGV710. PFMR funds check or update is performed as specified by the interface parameters.

16.9.13. NGV933A. A&F Constant Data and CIC Analysis Tables - Inline is activated by interface from many NGV programs to provide data for Fuels Transactions and to provide data computations of calendar year, fiscal year, day of the month, etc.

16.9.14. NGV933B. A&F Constant Data and CIC Analysis Table - Batch is a sub-program of NGV974, NGV988, NGV993, NGV994, NGV995, NGV996, NGV973, NGV946, NGV975, NGV977, NGV977A, NGV977B, NGV997C, NGV969, NGV989, and NGV937 providing the same data as NGV933A.

16.9.15. NGV934. Project Management Report/Organization Cost Center Record/Organization (PFMR/OCCR) Directory provides a directory of PFMR/OCCR and organization indicative data for use by Accounting and Finance, Budget, Materiel management, RC/CC Managers, and all other interested personnel in identifying coded financial data to an organization. It also assists in year-end program and rehoming action by providing a quick reference between display coded detail data and the actual organizations related to the data.

16.9.16. NGV935. Foreign Currency Load/Delete. 1XR (L) loads basic FCRs with a new currency code and exchange rate in the 1XR input. FCR contains a maximum of 10 type currency codes; each code contains the current exchange rate and eight prior rates. 1XR (D) enters the currency code delete flag D in the Foreign Currency Record.

16.9.17. NGV936. AVFUEL Validation Table Record Load/Delete. Loads or deletes the AVFUELS Validation Records.

16.9.18. NGV937. AVFUEL Validation Table Record List (M33) provides an AVFUEL/Interfund Validation list for each system designator which has a P Type Account Code.

16.9.19. NGV938. Excess Transportation Payable Update provides for recording the transportation costs when excess SMAG materiel is shipped back to DLA, GSA, or OSSF. It also provides for update/delete of Claims Receivable, Billed Not Received, Shipped Not Credited, Claims Payable, Received Not Billed, and Excess Transportation Payable Details.

16.9.20. NGV939. Vendor-Owned Container updates Transaction Histories for vendor-owned containers and adds or deletes Claims Receivable Records accounting for return of Air Force-owned containers.

16.9.21. NGV940. Local Purchase Payments/Refunds processes BKA and BKB images. There are two categories of Local Purchase payment transactions. One represents purchase of items through Base Contracting that must be supported by a signed receiving report, vendor's invoice, and BK1/2 images. The other represents purchase of AVFUEL (aircraft refueling) by use of an, USAF Invoice, which also serves as a signed receiving report. Payment/Refund images are created by the Integrated Accounts Payable System (IAPS) ADS code TQ and are sent via the Defense Data Network (DDN) file transfer protocol (FTP) using the Automatic Data Report Submission System (ADRSS) to the pseudo inbound processor to update the SBSS database to delete Received Not Billed details in SBSS.

16.9.22. NGV941. Vendor Refunded/Returns processes the 1BA input images. It records the monetary value of locally procured materiel returned to commercial vendors for credit under program control as Claims Receivable.

16.9.23. NGV942. Vendor Payment/Refund Adjustments processes Voluntary Price Reduction by Vendors (1BC); Trade In Allowance on Purchase (1BD); Local Purchase Cash Discount (1BE); Local Purchase Stock Fund Contract Termination Code (1BG); Stock Fund Materiel Repair Cost-Cylinders (1BH); and Stock Fund Materiel Repair Cost-Other (1BJ). It builds a TTPC 9Z Transaction History Record for each input and updates MACR for Budget Code Z.

16.9.24. NGV943. MILSTRIP Billing processes MILSTRIP Interfund Billing/Credit Transaction (F\*1/F\*2). It adds and deletes Received Not Billed Details. Transaction History Records are built and Budget Code Z MACR updating is based on FMIC assignments.

16.9.25. NGV944. Billing Service is a service program used by other billing subsystem programs. It updates MACR codes by program NGV950, assigns Materiel Category/Source of Supply Codes and ZBL Codes, and writes Transaction History Records. In addition, it accesses the Unit of Issue Conversion Record as required for converting the input unit of issue and quantity to be the same as the Item Record when the input and Item Record unit of issue do not agree.

16.9.26. NGV945. Non-AF Refueling Transactions checks validity of the 1FN input image, builds and deletes RNB details and creates Transaction Histories for Non-AF Refueling Transactions.

16.9.27. NGV946. Accounting and Finance End-Of-Fiscal-Year Close-out is run at end of each fiscal year but for NATO countries it is run at the end of the calendar year. It blanks the Stock Fund Sales Returns and Analysis Records, blanks the Stock Fund Free Issues and Materiel Returns Analysis Records, moves the inventory EOP amounts in the IMR to the BOP fields to make the EOP and BOP agree, moves the current year data in the investment (budget code Z) MACR to prior year fields and zeros the dollar fields (except Materiel Management Data) in the SF MACR, and zeros the dollar fields in the OCCR.

16.9.28. NGV947. Checks validity of the 1BN input images, builds and deletes RNB detail, and creates Transaction Histories.

16.9.29. NGV948. Accounting and Finance Fuel Issues/Defuels is called by the Supply Fuel Issue/Defuel programs NGV616/NGV617 to update the fiscal year cumulative fields of PFMR for non-fly transactions, assign FIA codes, and stores required data in Transaction Histories.



16.9.30. NGV949. Stock Fund FIA Code List (D32) provides the SMAG manager and Accounting and Finance (A&F) personnel with a tool for researching suspected erroneous transactions and a management product to monitor General Support, Materiel Support, and Fuels Division SMAG transactions. At EOD, it lists all SMAG Transaction Histories based upon parameters specified by Accounting and Finance in the report select image.

16.9.31. NGV950. Requisition and Materiel Acquisition Control Record (MACR) Update is a service program called by other SBSS and A&F programs to update the Stock Fund or Budget Code Z MACR. The program processes SMAG and investment requisitions and performs pre-edits of requisitions and cancellations for MACR interface with the calling programs.

16.9.32. NGV951. Fuel Memo Consumption updates Transactions Histories and cumulative issue and turn-in fields of the Project Funds Management Record (PFMR) for fuel issues and defuels. The program is activated by Materiel management Transactions containing Transaction Identification Code 1RF and 1DF provided by Materiel management program NGV616, Interfund Into-Plane Billing Transactions containing Document Identifier Codes (DIC) FP1 and FP2, and Accounting and Finance (A&F) input for credit image USAF Invoice, purchases with Transaction Identification Code (TRIC) 1ME. This program assigns financial Inventory Accounting (FIA) Code, Materiel Category/Source of Supply (MC/SS) Code, and Fund Code applicable to the Customer Identification Code (CIC) in the Transaction History.

16.9.33. NGV952. Issues and Turn-Ins, A&F records non-fuel, turn-in, and bulk-issue reconciliation transactions. It assigns FIA code and MC/SS to SMAG issue, turn-in, and bulk issue reconciliation transactions. It assigns FIA code to non-SMAG (except BC 1) issue and turn-in transactions. It updates the PFMR for reimbursable SMAG issue, turn-in, and obligated due-out transactions. This program is activated by applicable Materiel management programs for transactions containing Transaction Identification Codes 1PU, BSS, BST, BIR, DUO, DOC, DOR, FSU, ISU, MSI, REC (Local Manufacture), TIN, and RAR.

16.9.34. NGV953. Fuels Receipts - Provides SBSS processing of A&F Fuels receipt transactions. It processes fuels (BC 6) receipts and records receipt transactions in the MACR and assigns FIA and MC/SS codes to the Transaction History Records. Program NGV953 creates Transaction Histories and creates or deletes Claims Receivable or Claims Payable (Received But Not Billed) Details for transactions containing shortages, overages, or discrepancies.

16.9.35. NGV954. Receipts, A&F - Provides SBSS processing of A&F Non-Fuels receipt transactions. The program processes SMAG Receipts from Stock Record Accounts (bases or AFMC depots) under SMAG control as Materiel Transfers in (FIA 78x), SMAG purchases from DLA, GSA, OSSF, and commercial sources as purchases of materiel at standard price (FIA 140), receipts for creditable sales returns, which are not under PFMR control, as reimbursable returns of materiel to the SMAG (FIA 42x) and receipts from Air Force Stock Record Accounts not under SMAG control or from non-Air Force activities as receipts of materiel without charge (FIA 68x) when the signal code is D or M.

16.9.36. NGV956J. A&F Inline Processor - TRIC Edits is executed by a call from inline driver program NGV209A when TRICs 1LM, 1BF, and 1PF are input for processing by NGV971 or NGV215 and TRICs 1DA, 1DB, 1DC, 1DR, FAR, FAS, FJR, GAR, and GAS are to be processed by program NGV960 or NGV215 (standard reject).

16.9.37. NGV956K. A&F Inline Processor - TRIC Edit Program NGV956K is executed by a call from inline driver program NGV209A. This program will execute calls to program NGV939, NGV940, NGV941, NGV943, or NGV215 (standard-reject). TRICs passed to NGV956K from inline driver program NGV209A - 1BA to programs NGV939, NGV940, NGV941, or NGV215; FJ1/FJ2 to programs NGV940, NGV943, or NGV215; (FK1, GA1, FB1, GB1, FC1, GC1, FG1, GD1, FF1, GF1, GG1, FH1, GH1, GK1, FA1) converted to FK1, to program NGV940, NGV943, or NGV215; (FK2, FA2, GA2, FB2, GB2, FC2, GC2, FD2, GD2, GF2, FG2, GG2, FH2, GH2, GK2, FF2) converted to FK2 to program NGV940, NGV943, or NGV215.

16.9.38. NGV956L. A&F Inline Processor - TRIC Edit Program NGV956L is executed by a call from inline driver program NGV209A. This program will execute calls to programs NGV940, NGV942, or NGV215 when TRICs FN1, FN2, FX1, GX1, GX2, FL1, FL2, GL1, GL2, FQ1, GQ2, GQ1, GW1, GW2 are input.

16.9.39. NGV956M. A&F Inline Processor - TRIC Edit Program NGV956M is executed by a call from inline driver program NGV209A. This program will execute calls to programs NGV940, NGV942, or NGV215 when TRICs 1BC, 1BD, 1BE, 1BF, 1BG, 1BH, 1BJ are input.

16.9.40. NGV956N. A&F Inline Processor - TRIC Edit Program NGV956N is executed by a call from inline driver program NGV209A. This program will execute calls to program NGV940 or NGV215 when TRICs BKA, BKB are input.

16.9.41. NGV956P. A&F Inline Processor - TRIC Edit Program NGV956P is executed by a call from inline driver program NGV209A. This program will execute calls to program NGV984 or NGV215 when TRICs SMR, ADJ, CCS, ORG, PRJ, or MAC are input for processing by the inline driver program NGV209A.

16.9.42. NGV956R. A&F Inline Processor - TRIC Edit Program NGV956R is executed by a call from inline driver program NGV209A. Program NGV956R will execute calls to program NGV940 or NGV215 when TRICs FE3, GE3, FE4, GE4 are input.

16.9.43. NGV958. Local Purchase and MILSTRIP Payment Detail and Summary List (D29) provides a detail summary total listing for Local Purchase and MILSTRIP Payment Transaction History Records written by programs NGV956J-R (Accounting and Finance Inline Processor) and NGV951 (Accounting and Finance Fuel Memo Consumption).

16.9.44. NGV959. Shipments, A&F - Processes shipments, transfers to DLADS, transfers of deployed MRSPs, and return of excess items. Program NGV959 also assigns FIA codes to all transactions, assigns MC/SS codes to SF transactions, and performs other accounting requirements. This program analyzes shipments and transfers to determine the destination of the shipment, the type of transaction (reimbursable, free, or nonreimbursable), and the status of the transaction (return of unacceptable materiel or redistribution of assets).

16.9.45. NGV960. A&F Details/Deletes/Updates provides automated processing of MILSTRIP reply to customer requests for Materiel Billing Adjustment (DIC FAR, FJR, GAR, FAS, FJS, and GAS). This program deletes C/R, BNR, SNC, and RNB Details upon input of TRICs 1DA, 1DB, 1DC, and 1DR, respectively, to process DICs FAR/FAS and update/delete the associated detail records.

16.9.46. NGV961. A&F Record reversal & correction. Receipts updates monetary records based on record reversal & correction action. Supply issue, turn-in, shipment, receipt, and due-out release transactions which originally updated A&F monetary records may be record reversal & corrected. Document Control starts record reversal & correction action to correct documentation errors (for example, quantity variance, stock number errors, unit of issue errors, and customer organization errors). Program NGV961 is activated by record reversal & correction transactions containing Transaction Identification Codes REC, DOR, and TIN. When applicable Materiel management transactions are processed, program NGV961 is called to perform additional edits, assign additional data elements, and update financial records.

16.9.47. NGV962. Record reversal & correction, A&F processes record reversal & correction Transaction Histories when activated by processing of TRIC/DICs ISU, MSI, DOR, TIN, REC (Local Manufacture), SHP, FTR, A2\*, A4\*, 1RP, 1PU, TRM, and FSU. This program is called by interfacing Materiel management programs and program NGV961.

16.9.48. NGV963. Indicative Data Changes and Migration of Assets. Materiel management Generated Adjustment A&F assigns SMAG and/or non-SMAG Financial Inventory Accounting Codes (FIA), Materiel Category/Source of Supply Codes (MC/SS), and print-output flags on an as-needed basis to Transaction History Records passed from calling Materiel management programs NGV964 Fuels Shipment (A&F) a service program called by program NGV616. It assigns FIA codes reflecting decrease to Fuels Item Records, stores required data in Transaction History Records, and prints Management Notices.

16.9.49. NGV964. Fuels Shipment (A&F) is a service program called by program NGV616. It assigns FIA codes reflecting decreases to fuels item records, stores required data in transaction history records, and prints management notices.

16.9.50. NGV965. Materiel Returns. Processes input images through the SBSS Inline/Batch Driver Program, NGV209A/B. The program processes DICs FTZ/FTB/FTQ. The DIC FTZ is input from an Inventory Control Point (ICP) or Inventory Materiel Manager (IMM) acknowledging receipt of excess materiel. The input acknowledges materiel that the base shipped and indicates through a status code if credit will be granted for the returned materiel. The DIC FTB is from an Inventory Control Point (ICP) or Inventory Materiel Manager (IMM) based on a follow-up for a Shipped Not Credited Detail (SNC). The follow-up images are FTT (from Materiel management) and FTP (from A&F). The FTB indicates either credit (status codes TW/TX), or non-credit (status code TY) for returned materiel.

16.9.51. NGV966. A&F Detail Delete Transaction History Processing is a service program that writes Transaction Histories (multiple if required), including MC/SS assignment, builds/writes SMR Transaction Histories when required and MACR updates when required. It assigns MCSS to Transaction Histories for 1D(x), SMR. This program also updates MACR by program NGV950 interface.

16.9.52. Reserved for future use.

16.9.53. NGV968. Fuel Interfund Payments process FP1 and FP2 Interfund Billing inputs. Initial edits are performed. The program then determines if the billing is for an AF, ANG, or AFRES aircraft and calls program NGV943 for processing. Other aircraft payments are processed by this program.

16.9.54. NGV969. Daily PFMR/OCCR Update and Reconciliation Lists (D11) is a mandatory daily process initiated by the report select image RPTD11. This program is responsible for the update and reconciliation of respective Element of Expense/Investment Code (EEIC) fields within the Project Funds Management Record and Organization Cost Center 100-999 Records by accumulating and transcribing dollar amounts from applicable Daily Transaction History Records. Program NGV969 also prints listings to reflect Project Funds Management Record, Organization Cost Center Record audit and update, reconciliation, Project Funds Management Records that are out-of-balance, and writes a file of DB1, DB2, and DB3 images for processing by end-of-day program NGV982.

16.9.55. NGV970. Project Funds Management Reports (M35) provides:

16.9.55.1. Each Responsibility Center Manager (RCM) with a project disclosing FY-to-date reimbursable issues/sales, credited returns, obligated due-outs, fund balance, and unobligated due-outs by current or prior FY for both supplies and equipment.

16.9.55.2. SMAG and Resource managers with a product disclosing FY-to-date net issues, obligated due-outs, fund balance, and unobligated due-outs by major force program with OBAN/budget activity and system designator.

16.9.56. NGV971. A&F Monetary Load/Change/Delete. Loads and deletes fund targets, and changes indicative data contained in A&F Monetary. It builds and writes Transaction Histories, loads, and deletes Billing Variable Records. The process is triggered by the TTPC contained in the input.

16.9.57. NGV972. Stock Fund On-Order In-Transit, Payable List (M01). This program provides the current position of the SMAG on-order and in-transit inventories and liabilities at any given time. At EOM, this program analyzes the Stock Fund Detail Records and updates the appropriate On-Order, In-Transit, and Payable General Ledger (ZTR) accumulators by the Trial Balance reporting SRAN for all divisions of the A&F SMAG. Processing report select image RPTM01 activates this program. The program reads the Item Record area and classifies or sorts the related Due-In shipped status, BNR, RNB, and SNC details into the Stock-Fund Division group based on the Fund Code in the applicable Detail Record. It then segregates Budget Code 6 between ground fuels and aviation fuels, based upon the Item Record Materiel Category Code. It provides separate reports ZTR accumulator updates for ground and aviation fuels. At EOM, program NGV982/M12 creates separate ZTR images with SRAN Fzxxxx for ground fuels and SRAN FPxxxx for aviation fuel.

16.9.58. NGV973. Create Summarized Billing (SF 1080) Records for interface with program NGV974 and production of SMAG details accounts receivable (S in position 1) images, SMAG general ledger summary (GLA) images, and SF 1080 billings for SMAG and investment net sales. The interface file is transferred using the Automatic Data Report Submission System (ADRSS) Search and Move (SAM) table to send the file. See DFAS-DE 7077.10-M.

16.9.58.1. Consolidate the daily detail images from program NGV982, reconcile daily images to daily and monthly control images, and produce consolidated monthly lists.

16.9.58.2. Create Summarized Billing (SF 1080) Records for interface with program NGV974 and production of Stock Fund Details Accounts Receivable (S in position 1) images, Stock Fund General Ledger Summary (GLA) images, and SF 1080 billings for

SMAG and investment net sales. The interface file is transferred using the Automatic Data Report Submission System (ADRSS) Search and Move (SAM) table to send the file. The receiving ADS uses the ADRSS Collect Incoming Data (CID) table to rename the file to a (BQ) General Accounting and Finance (GAFS) qualifier and filename.

16.9.59. NGV974. Materiel Billing Processor provides monthly interface products for updating Stock Fund Accounts Receivable Records (DSR), and General Ledger Records. The interface file is transferred using the Automatic Data Report Submission System (ADRSS) Search and Move (SAM) table to send the file. See DFAS-DE 7077.10-M. It produces detailed Accounts Receivable images, Stock Fund General Ledger Summary images, and Monthly Control images. It prints control listings and mechanized billing documents (SF 1080) for both stock and general funds.

16.9.60. NGV975. SF MACR Status Report (D08) provides the SMAG manager with a report of the SMAG Materiel Acquisition Control Record (MACR) for the General Support Division, and Clothing Support Division of the Air Force SMAG. It shows the status of actual orders placed versus the approved ordering authority. The report lists monetary values accumulated during processing of daily transactions for each MACR (by system designator within each Budget Code). It shows individual line entries for the Computer Support Base, all nonautonomous satellites (total of Computer Support Base and nonautonomous satellites), and autonomous satellites. The monetary values produced by this program are:

16.9.60.1. Cumulative orders authorized

16.9.60.2. Year-to-date orders placed

16.9.60.3. Available balance

16.9.60.4. Percent used

16.9.60.5. Annual orders authorized

16.9.60.6. Year-to-date orders placed

16.9.60.7. Available balance

16.9.60.8. Percent used

16.9.61. NGV976. Stock Fund Inventory Management Report (M18) provides primary SMAG managers with a year-to-date output product showing operating results. It provides major command and division managers with SF inventory management reports, computes mathematical accuracy of each SFIMR, makes adjustments, and produces M18 report images for submission to major commands and division inventory managers. The M18 program produces three separate data files containing SMAG Manager Inventory Management Report images. One file is interfaced by the Business Funds Branch into the Standard Materiel Accounting system (BJ). It is used by (BJ) ADS to create the stock Fund IMR/GLA Reconciliation List (see DFAS-DE7077.4-M). File two is used by the SMAG manager. File three, if produced, contains Stock Fund Inventory Adjustment Transactions (M18) GLA transactions. This file will be interfaced into the (BJ) system. All three files will use the Automatic Data Report Submission System (ADRSS) Search and Move (SAM) table for interfacing to other ADSs. See DFAS-DE 7077.10-M. **Note:** The M18 is no longer processed in the SBSS, however it has not been deleted from the SBSS program library.

16.9.62. NGV977. Driver program for NGV977A, NGV977B, and NGV977C.

16.9.63. NGV977A. A&F Stock Fund Due-Out Reports (M36) provides each Cost Center Manager an output product showing individual due-out detail (205 records) with monetary totals summarized by age and type of due-out (supplies or equipment and current or prior fiscal year). At end-of-month (EOM), the program prints listings and adjusts due-out fields in ORG-COST-CENTER-100-999 (518 records) to agree with the actual due-out detail (obligated, unobligated, and unfunded) on file.

16.9.64. NGV977B. Organization Cost Center Report (M03) provides each Cost Center Manager with an output product showing fund target, obligated due-outs and net issues (cumulative and current period) unobligated due-outs, unfunded due-outs, nonreimbursable issues, investment issues, and forced charges. Program NGV977B outputs two Summary Listings: 1) A RC/CC Summary List summarizing the ORG-COST-CENTER-100-999 (518 records) with the same Responsibility Center/Cost Center (RC/CC) within system designator and, 2) An Appropriate Summary List summarizing cost center expense and net change to due-outs, undelivered orders outstanding, (U00) images by EEIC, and FY for interface with the A&F General Accounting System and Support output listings. The interface file created is transferred using the Automatic Data Report Submission System (ADRSS) Search and Move (SAM) table to send the files. See DFAS-DE 7077.10-M. Program NGV977B also provides the capability to delete ORG-COST-CENTER-100-999 (518 records) when the mandatory EOM option is processed.

16.9.65. NGV977C. This program is a subprogram of NGV977. The function is read the ORG-COST-CENTER-100-999, SORT 518-SYS-DESIG, 518-OAC-OBAN, 518-FUND-CODE, 518-MFP, and 518-RC-CC and Output RC/CC Summary List and/or Appropriation Summary List. No database records are updated.

16.9.66. Reserved for future use.

16.9.67. NGV980. A&F EOD IMR GLAC Update (D07) provides daily and month-to-date summarization of financial transactions reflecting Stock and General Funds Inventory actions and SMAG payments. At EOD, the program updates the Stock Fund Inventory Management Records consisting of Budget Code 1 and 8 (SFIMR), Stock Fund General Ledger Accumulator Records (ZGL/ZBL), General Ledger Accumulator Records (MGL), and prints listings and writes images for program NGV982/D12. Additionally, NGV980 provides a daily interface file which is transferred using the Automatic Data Report Submission System (ADRSS) Search and Move (SAM) table to send the file. See DFAS-DE 7077.10-M.

16.9.68. NGV981. WIMS Punchout. Program NGV981/D10 provides daily interface transactions for the Civil Engineering Work Information Management System (WIMS). It provides mandatory end-of-day program daily interface transactions which serve as a basis for materiel cost accounting in WIMS.

16.9.69. NGV982. A&F EOD/EOM Punchout (D12)(M12) is a dual purpose program that consists of Daily D12 and Monthly M12 reports. Updates the A&F Sequence-Control Record for the 309-982-D12-Date field.

16.9.69.1. The Daily Program (D12) outputs images for four interface files: Integrated Accounts Payable System (IAPS), (TQ); Job Order Cost Accounting System (JOCAS), (OY); General Accounting and Finance (GAFS), (BQ); SBSS as input into the M33. All

interface files, TQ/BQ or OY, are transferred using the Automatic Data Report Submission System (ADRSS) Search and Move (SAM) table to send the file and the receiving ADS uses the ADRSS Collect Incoming Data (CID) table to rename them to the appropriate receiving ADS qualifier and filename. At EOD, this program produces daily transaction images, daily control images, and prints daily control lists showing detail transactions and related management notices. This program is activated by processing report select image RPTD12. It checks the A&F Sequence Control Record to verify that the NGV980/D07 and NGV969/D11 have already been processed, and if not, the program is rejected.

16.9.69.2. The Monthly Program (M12) provides interface products for updating the Stock Fund Records maintained in the Standard Materiel Accounting System (SMAS) BQ and General Fund Records maintained in the General Funds General Ledger (GAFS) BQ system. The stock fund interface file is transferred using the Automatic Data Report Submission System (ADRSS) Search and Move (SAM) table to send the file. The receiving ADS uses the ADRSS Collect Incoming Data (CID) table to rename the file to a (BJ) SMAS qualifier and filename. The General Funds Records interface file is transferred using the Automatic Data Report Submission System (ADRSS) Search and Move (SAM) table to send the file. The receiving ADS uses the ADRSS Collect Incoming Data (CID) table to rename the file to a (BQ) General Accounting and Finance System (GAFS) qualifier and filename. At EOM, the program produces summary images and monthly control images and prints control listings. This program is activated by processing report select image RPTM12. It checks the A&F Sequence Control Record to verify that the NGV982/D12 and NGV972/M01 have already been processed, and if not, the program is rejected.

16.9.70. NGV984. A&F Monetary Record Adjustments. Builds Transaction Histories for inline adjustments and/or end-of-day update of monetary fields in the Project Funds Management Record (PFMR), Inventory Management Record (IMR), Organization Cost Center Records (OCCR), and Materiel Acquisition Control Record (MACR). MACR and PFMR cumulative fields are updated inline. PFMR current period fields, OCCR and IMR are updated at end-of-day. This program calls program NGV950 to update MACR and program NGV215 to process reject and management notices.

16.9.71. NGV985. Cost Accounting Systems Punchout NGV985/D22. This program provides daily interface products for other Inter-ADS Cost Accounting Systems. This program produces daily transaction images, daily control images, and prints control listings.

16.9.72. NGV987. Major Appropriation-Funded Investment MACR Status Report and Reconciliation List (M07) provides the major appropriate funded investment (BC Z) status report and a reconciliation list of MACR cumulative monetary values with dollar values of corresponding detail records. The program lists details without an MACR. The program also has two options to either read the investment MACR record or read and select investment-funded (BC Z) detail records.

16.9.73. NGV994. RSD/DIFM Float Management Report provides a dollar value of Budget Code 8 DIFM items by DIFM status code using the exchange price.

16.9.74. NGV995. PFMR Detail Billing List (M05) provides a PFMR detail list for A&F use. It also creates SF 1080 (Voucher for Transfers Between Appropriations and/or Funds) Billing Records, containing PFMR and A&F General Ledger Accounts Receivable Accumulator

(ZCC) record billing data. This data interfaces with materiel billing processor, program NGV974, to complete the SF 1080.

16.9.75. NGV997. LP and MILSTRIP Research and Follow-up List (M37) is used monthly and as required to identify and validate RNB, CP, CR, and SNC details for which billing action has not been received within prescribed time limits. It is used to list CR and CP details for which an answer to a Reports of Discrepancy/Supply Discrepancy Report (ROD/SDR) has not been received within prescribed time limits. It is also used to list Local Purchase, outstanding BNR, RNB, and status details for reconciliation with the corresponding document files.

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**Attachment 1**

**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION**

***References***

For applicable references, see AFH 23-123, Vol 1, Attachment 1.

***Abbreviations and Acronyms***

—For applicable abbreviations and acronyms, see AFH 23-123, Vol 1, Attachment 1.

***Terms***

—For applicable terms, see AFH 23-123, Vol 1, Attachment 1.

## Attachment 2

## UPDATED TERMS FOR AF SUPPLY CHAIN SUPPORT

**A2.1. Updated Terms For Af Supply Chain Support.** This Attachment provides updated terms for AF Supply Chain Support. See [Table A2.1](#).

**Table A2.1. Updated Terms For Af Supply Chain Support.**

	<b>New/Current terms<sup>1</sup></b>	<b>Old terms</b>
<b>1</b>	AFMC Air Logistics Complexes	Air Logistics Centers (ALCs), OC-ALC, OO-ALC, WR-ALC (obsolete SA-ALC and SM-ALC)
<b>2</b>	AFMC Allowance Standard Activity	(AFGLSC – Air Force Equipment Allowance Division), WR-ALC/LETA
<b>3</b>	AFMC Cataloging Activity	(AFGLSC – 401 SCMS/GUMB, Item Identification Flight )
<b>4</b>	AFMC Centralized Asset Management, (AFMC/A4F)	same/no change
<b>5</b>	AFMC Consolidated Mobility Bag Activity	(Consolidated Mobility Bag Control Center CMBCC) AFGLSC – 401 SCMS/GUMG
<b>6</b>	AFMC Cryptological System Activity	Cryptologic Systems Division (CPSD) or HQ Cryptologic Systems Group (CPSG)
<b>7</b>	AFMC Aerospace Maintenance and Regeneration Activity	Aerospace Maintenance and Regeneration Group (AMARG) or Center (AMARC)
<b>8</b>	AFMC SA/LW Serialized Control Activity	AFGLSC -575 Combat Sustainment Squadron CBSS)
<b>9</b>	AFMC SCM-R Computer Operations Activity <sup>2</sup>	AFGLSC Computer Operations Element or GLSC Systems Flight (RPS Console Operator)
<b>10</b>	AFMC SCM-R Contingency Operations Activity	(AFGLSC ) Functions--Kit movement & transfers 635 SCOW
<b>11</b>	AFMC SCM-R Equipment Activity	(AFGLSC [Equipment Responsibilities] – 635 SCOW)
<b>12</b>	AFMC SCM-R Information Technology Activity	HQ 754 <sup>th</sup> Electronics Systems Group (ELSG)/ILSSO,

		DOMH, DOYH, LGSPC, - LRE, Field Assistance Branch, Quality Assurance, control room, Supply Control Center, or Test Director; ESC/HGGG; etc.
<b>13</b>	AFMC SCM-R Quality Assurance Activity	(AFGLSC ) Functions-- Compliance inspections, proof FIX requests, SBSS release testings, stock screenings; C2 for degraded ops
<b>14</b>	AFMC SCM-R Records Maintenance Activity	AFGLSC Records Maintenance (635 SCOW)
<b>15</b>	AFMC SCM-R Stock Control Activity	AFGLSC Stock Control – (635 SCOW )
<b>16</b>	AFMC SCM-R Weapon System Support Activity	AFGLSC – (635 SCOW )
<b>17</b>	AFMC Security Assistance Activity	AF Security Assistance Center (AFSAC)
<b>18</b>	AFMC TRAP Activity	Air Armament Center (AAC)
<b>19</b>	AFMC Uniform Office	Aeronautical Systems Center (ASC)
<b>20</b>	NWRM Transaction Control Cell (NTCC)	same/no change
<b>21</b>	Support Equipment (SE) Functional Activity	AFGLSC – (405 SCMS/GULA)
<b>Notes</b>	1. These are identification of functions within AFMC and should be considered as that and not organizations. Their identification provides users a means to identify what areas within AFMC need to be addressed with regard to a given subject.	
	2. Air Force Materiel Command Supply Chain Management-Retail (AFMC SCM-R). In some cases this term is used without a specific activity identified. In these cases it covers multiple activities. Contact AFMC/A4RM.	

