

**BY ORDER OF THE
DIRECTOR 448 SUPPLY CHAIN
MANAGEMENT WING**

**448 SUPPLY CHAIN MANAGEMENT
WING INSTRUCTION 23-105**

20 MARCH 2025



Materiel Management

***INTERACTIVE PROBLEM ITEM
DATASHEET (IPID) COMMENTS
SECTION DATA INPUT***

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This publication implements AFMCI20-102, *Requirements Definition and Purchase Instrument Development*; AFMCI20-102 AFSCSUP, *Requirements Definition and Purchase Instrument Development* and the 448th Supply Chain Management Wing (448 SCMW) processes required for the use of the "comments" section in Basing and Logistics Analytical Data Environment (BLADE) Supply Chain (SC) capability. It provides guidance and procedures on updating the comment sections of the interactive Problem Item Datasheet (iPID). It applies to all Supply Chain Management professionals who are responsible for updating the comment sections of the iPID within the SC capability. This publication may be supplemented at any level, but all supplements must be routed to the Office of Primary Responsibility (OPR) listed above for coordination prior to certification and approval. Refer recommended changes and questions about this publication to the OPR listed above using the AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate chain of command. The authorities to waive wing/unit level requirements in this publication are identified with a Tier ("T-0, T-1, T-2, T-3") number following the compliance statement. See Department of Air Force Instructions (DAFI) 90-160, *Publications and Forms Management*, **Table 1.1** for a description of the authorities associated with the Tier numbers. Submit requests for waivers through the chain of command to the appropriate Tier waiver approval authority, or alternately, to the Publication OPR for non-tiered compliance items. Ensure all records created as a result of processes prescribed in this publication are maintained in accordance with AFI 33-322, *Records Management and Information Governance Program*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located in the Air Force Records Management System. The use of the name or

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SUMMARY OF CHANGES

This document has been revised to incorporate changes to the new BLADE system.

1. Overview. The comment section of the interactive Problem Item Datasheet (iPID) in the Supply Chain (SC) capability of the Basing and Logistics Analytical Data Environment (BLADE) is vital in providing the most complete and up-to-date information to supply chain professionals and our customers on status and activity of Air Force managed items. It is critical to determine the root cause of supportability issues and to properly identify the constraints affecting our ability to deliver agile support to the warfighter and repair network. Timely and regular updates of the comment section are essential to customer support as well as to the quality of data for identification of areas for improvement. This data is needed to identify specific constraints and to give the ability for supply managers to effectively make decisions in developing a supportability or “get well” plan, as well as assisting customers in the System Program Office’s (SPO) and in the field in making operational decisions. Efforts to automate as much data as possible must continue, but until accurate, timely, and sustainable automation can be achieved, supply chain managers must continue the manual input of data into the comment sections of the iPID to support the customer. This instruction provides guidance on updating the comment sections of the iPID, standardizes Roles and Responsibilities (R&Rs), and institutes a “Get-Well-Date” calculation method.

2. Roles and Responsibilities.

2.1. Squadron Director must:

2.1.1. Designate the Logistics Management Specialist/Program Manager (LMS/PM) or Supply Planner (SP) to be responsible for the oversight of iPID comment sections of assigned Air Force managed items.

2.1.2. Ensure individuals have “Edit” capability to modify comments. **Note:** See [BLADE Edit capability request process](#) for instructions to request “Edit” permissions (limited to 448 SCMW personnel only).

2.2. 430 SCMS Director must:

2.2.1. Designate personnel to input all applicable Foreign Military Sales (FMS) information, to include FMS Point of Contact (POC), into appropriate comment sections.

2.2.2. Designate an FMS point of contact (POC).

2.3. Typically, the LMS/PM or SP is designated to ensure that all the comment sections are populated with current and accurate data. The LMS/PM or SP must be responsible for the oversight of the entire iPID comment sections and must:

2.3.1. Ensure all the comment sections are populated with current and accurate data.

2.3.2. Ensure all possible actions are taken that must keep the item well or get it well within the shortest time possible.

2.3.3. Serve as the primary point of contact (POC) for all customer and inspection inquiries.

3. Generation Information For Comment Sections (Categories).

3.1. When backorders exist or Requisitioning Objective percent (RO%) falls below Wing specified percentage, or Readiness Spares Package percent (RSP%) falls below Wing specified percentage for an NSN all comment sections (categories) are required to be updated with current constraint and get-well plan data. The comment sections are manually updated in BLADE SC within the Comment Currency Indicator Rules timeframes. **Note:** See [BLADE Comment Currency Indicator Business Rules](#) for Comment Currency Business Rules.

3.2. All comment sections are required to be updated. Add newest comments first. If there is no data to enter into a comment section, enter “None”.

3.3. Keep comments professional. Minimize use of acronyms to ensure all customers understanding. The information is accessed and disseminated at all levels by our management, customers, and suppliers.

3.4. Include only current issues. Do not relate historical issues unless they are relevant to the root cause of all Mission Capable (MICAP) backorders, as well as other backorders, low RO and RSP percentages.

3.5. When a backorder does not exist and the RO% drops below Wing specified percentage or the RSP% drops below Wing specified percentage in accordance with Comment Currency Business Rules, include all current information that is applicable to the constraint.

4. Comment Categories.

4.1. Function of items. The Equipment Specialist (ES) is the Technical Manager and is typically designated to input this section. Input a concise item description including master and sub-National Stock Numbers (NSNs) in the order of use.

4.2. Constraints. LMS/PM or SP is typically designated to input this section. Determination of a root cause is essential for effective customer support and supply chain management. Identification of constraints facilitates metrics, reporting, and analysis used to determine if the Supply Chain Management Wing is positively affecting parts on the shelf and securing contracts in place. It is critical to identify and input the root cause of backorders, low RO% and RSP% levels or limiting constraints. Input as much information available regarding constraint(s) resolutions.

4.2.1. Use the drop-down boxes and choose a constraint category and a sub constraint category that best fits your root cause.

4.2.2. Describe in detail the issues that are preventing backorders, RO, or RSP levels from being filled. **Note:** The word “none” should never be used unless you have no backorders or sufficient RO and RSP levels. Also, “Other-Other” should only be used if another constraint category must not work. Beginning the detailed description with the words “Root Cause” is optional.

4.2.3. If there are any open Deficiency Reports (DRs) or Time Compliance Technical Orders (TCTOs) on an item, input status of DRs/TCTOs with an appropriate completion date.

4.2.4. If piece parts are the constraint, annotate NSN, Part Number, piece part replacement percentage, piece part quantity per assembly, Sources of Supply (SOS), procurement status and follow-on delivery schedule to support future requirements. Please limit inputs to no more than the three “top drivers”.

4.2.5. “Follow Up Date” box is optional for the LMS/PM or SP. LMS/PM or SP can choose to utilize this box as a reminder or not. The system does not do anything with it as far as any notification or putting it on a report.

4.3. New Procurement. SP is typically designated to input this section. Input all new procurement information applicable to the most recent contracting effort. SPs currently have the responsibility for initiating new purchase requests (PRs) within the Purchase Request Process System (PRPS) (AFMCI 20-102). If there is no applicable information, state “None”.

4.3.1. Verify that the Administrative Lead Time (ALT)/ Production Lead Time (PLT) information listed in the iPID New Buy Due-in section is accurate. If ALT/PLT information is not accurate or missing, input ALT/PLT into the New Procurement comment section.

4.3.2. Annotate the day the Purchase Request (PR) was initiated, PR number, quantity, and date to procurement.

4.3.3. Indicate whether or not it is a multiple-year contract (MYC).

4.3.4. After a contract has been awarded for the new procurement, remove PR information, and replace with the contractor’s name, contract number, award date, quantity, and delivery schedule. **Note:** Do not input actual dollar amounts.

4.3.5. When deliveries begin for a new procurement, input the receipt of deliveries by the delivery schedule or as assets are received. If known, input as much relevant shipping information as available such as schedule (including schedule slips) or ESD on assets in support of MICAPS.

4.4. Repair Status. LMS/PM or SP is typically designated to input this section. Input all repair information applicable to the root cause/constraints. Indicate all repair status and related issues of organic and contract production.

4.4.1. Use the drop-down box and choose a Subcategory to identify the Repair Methodology for your applicable type of repair (Economical Overhaul, Test/Check & Repair, On-Condition Maintenance, or Full Overhaul).

4.4.2. Provide status on all Depot repair actions.

4.4.2.1. AFMC Form 206, *Temporary Work Request* (Non-programmed) include quantity requested.

4.4.2.2. Organic (programmed workloads).

4.4.2.3. Depot Maintenance Interservice Support Agreement (DMISA) (programmed workloads) include the start date and the projected delivery schedule.

4.4.3. Provide status on all repair actions when repair is performed via contract repair. Include the PR number, the quantity ordered, the date PR was initiated, estimated award date (EAD), and a projected delivery schedule.

4.4.4. After a contract has been awarded for repair, remove PR information, and replace with the contractor's name, contract number, award date, expiration date, and the contractual delivery schedule. If known, input as much relevant shipping information as available such as schedule (including schedule slips) or ESD on assets from SOR in support of MICAPS.

4.4.5. Input quantity of reparable deliveries to the contract repair facility and the quantity of receipts of serviceable items from the contract repair facility at least by quarter.

4.4.6. "Follow Up Date" box is optional for the LMS/PM or SP. LMS/PM or SP can choose to utilize this box as a reminder or not. The system does not do anything with it as far as any notification or putting it on a report.

4.5. Workaround/Surplus/Other. LMS/PM, SP, or FMS POC is typically designated to input this section. Provide information not appropriate for other sections.

4.5.1. When Aerospace Maintenance and Regeneration Group (AMARG) surplus serve as a "Workaround" or permanent solution to constraints, input quantity of AMARG pulls that are added to the Air Force inventory.

4.5.2. Input any applicable Foreign Military Sales (FMS) information. Include all new procurement information for FMS and identify the 430 SCMS's POC.

4.6. Get Well Date (GWD). LMS/PM or SP is typically designated to input this section. The iPID has four categories of GWDs - Joint Chiefs of Staff (JCS), Mission Capable (MICAP), Priority, and Routine. The GWD is the date that all backorders are filled for that category (JCS/700; MICAP; Priority; Routine). Each category with backorders requires a date.

4.6.1. The GWDs must be annotated IAW the priority of the backorders (JCS, MICAP, Priority, & Routine). Status can be updated if schedule improves or is delayed.

4.6.2. The values/elements that are to be included in calculating GWDs are the "Current Month's Backorders (B/O)", "Current Month's Monthly Demand Rate (MDR)", and "Current Month's Due-ins" (new procurement due ins, repair due ins, other serviceable due ins).

4.6.3. Use the following formula to calculate the GWDs: $\text{Get Well Date} = (\text{Current B/O} + \text{MDR}) - \text{Due Ins} \times \text{"X" months to "0"}$

4.6.4. The GWD for each category is calculated one month at a time until backorders equal "0". **Note:** If your GWD is NOT within the current month, continue to calculate month by month until GWD is achieved (B/O = "0")

4.7. Points of Contact. Input LMS/PM Point of Contact (POC) information. Use name as listed in Global. (Ensure first and last name are spelled exactly the same every time (including Capitalization) as the POC is a searchable and sortable field.)

5. Analytics.

5.1. BLADE SC has the capability to produce many types of reports. There are two reports that include the Comment Currency Indicator. The Analytics module from the BLADE SC capability Landing Page (see [Figure 1](#)) will allow you to access "Comment Status by POC" and "NSN Analysis" (see [Figure 2](#)) reports.

5.2. The “Comment Status by POC” and “NSN Analysis” reports can be found by going to BLADE SC capability Landing Page Analytics module (**Figure 1**) and then click on the applicable report (**Figure 2**).

5.3. Click on the “Expand Filters” (**Figure 3**) in the middle of the screen to show filters that can be selected to narrow search criteria producing the desired report. At least one filter must be chosen. “NSN Analysis” report also has three different sub reports (tabs located in the upper left) to choose from; “NSN Summary” (default), “NSN Details”, and “NSN Search” after the report is generated.

5.4. When the desired report is produced, it can be exported and saved by clicking on the 3 dots “...” in the upper right corner of the report and then clicking on “Download as” and selecting “Export Data to Excel”.

Figure 1. Navigation to ANALYTICS module.

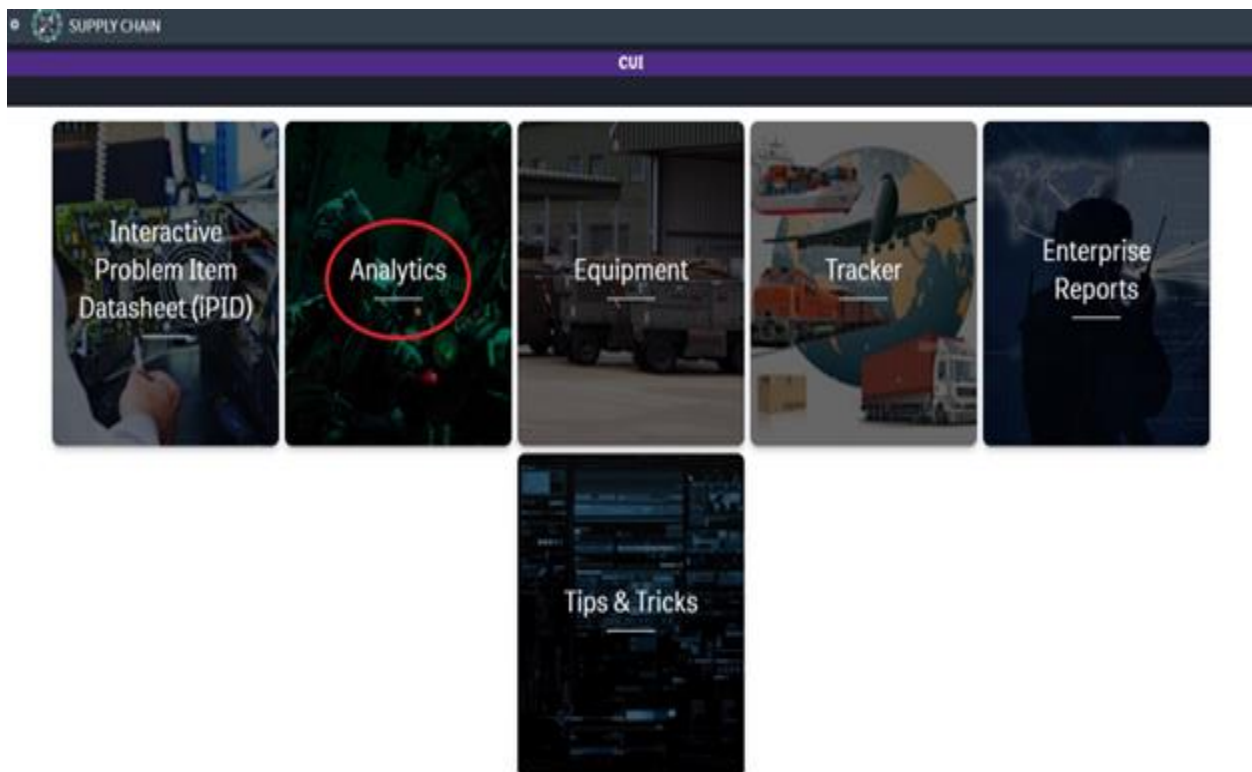



Figure 2. Navigation to Comment Status by POC & NSN Analysis report.

 Supply Chain Analytics

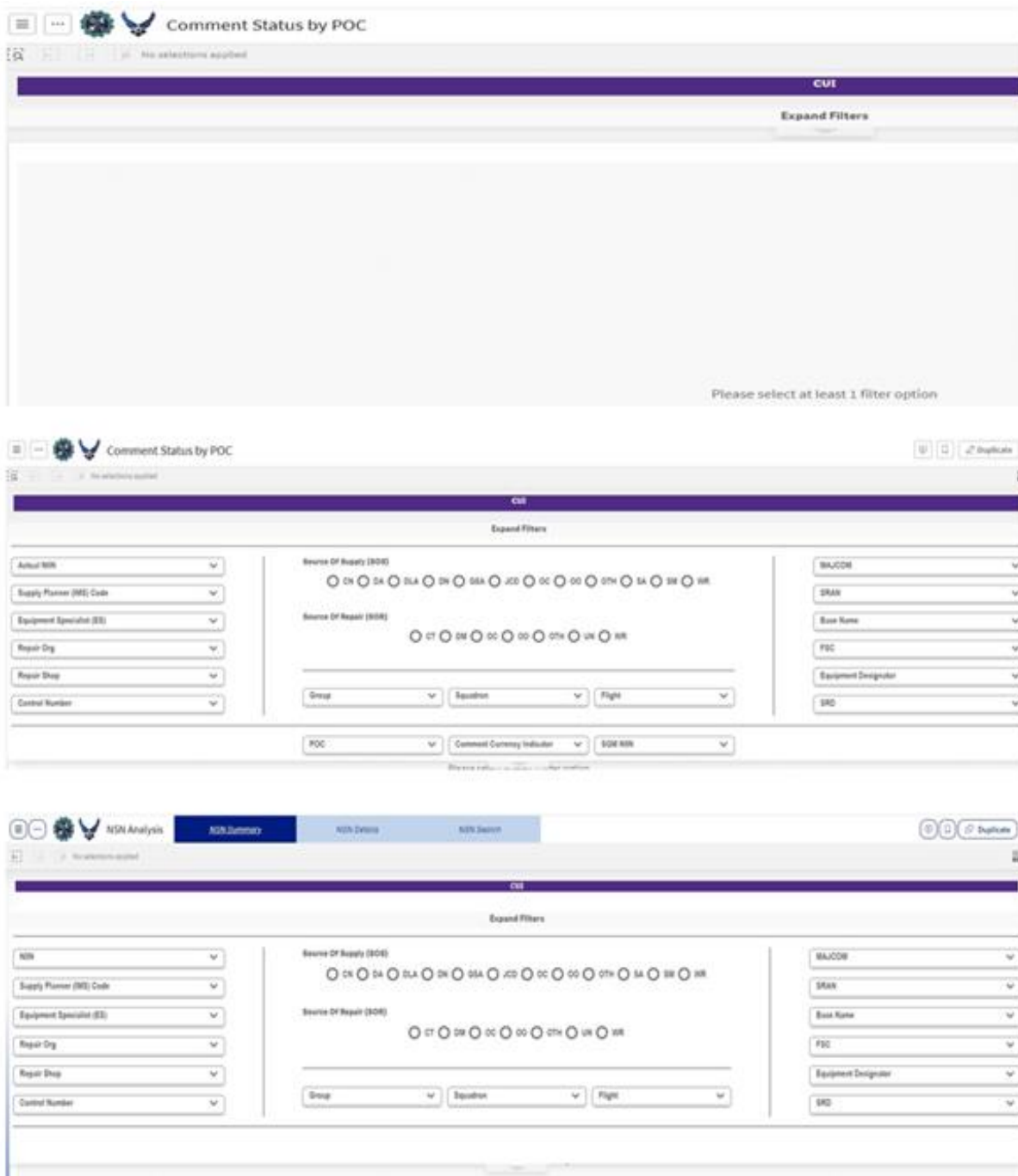
No selections applied

Report Name Category Data Source

Analytics Report List (34 Reports)
(Click on a Report Name to Open Report in a New Tab)

Report Name	Category	Description
Balance	Creeper	Provides active backorders by weapon system based on filters selected on requisition status codes BB, B4, B5, BV, BZ, NP. Reference Tables used: MAJCOM Cross Reference, SOS to Flight
Comment Status by POC	Analytics	Provides backorder and indicative data by NSN while allowing users to filter on Currency Indicator as well.
Constraints Analysis	Analytics	Displays constrain information identified in the Supply Chain Comments to filter on a variety of parameters, such as Supply Planner, organization, etc.
Creeper Home	Creeper	Populates the data grid with all items having a positive Creeper Index to provide the relative impact on the customer.
Creeper Index With Spike	Creeper	Identifies items that have experienced a recent spike in their Creeper Index.
Creeper NSN Details and History	Creeper	Provides NIIN-specific data such as base asset balances and depot balances. Reference Tables used: MAJCOM Cross Reference, SOS to Flight. A future enhancement to view data trends.
Creeper Roll-Up	Creeper	Provides a roll-up of MICAP, backorder, EXPRESS, asset availability and other data as the POC; this report includes the Comments as well.
Creeper Watch List	Creeper	Identifies NSNs where the current POS and/or RSP balance is less than the required balance.
Depot Repair Enhancement Program (DREP) Analysis	Analytics	Provides depot repair data by NSNs to include EXPRESS failures, organization, etc.
Depot Serviceable Asset Data	Creeper	Depot Serviceable Asset Data. Reference Tables used: MAJCOM Cross Reference, SOS to Flight
DLA Query	Analytics	Reference Tables used: MAJCOM Cross Reference, SOS to Flight
EXPRESS Constraints Analysis	Analytics	Identifies carcass, hours, parts and funds constraints for EXPRESS-damaged items.
MICAP Analysis	Analytics	Provides MICAP requisitions and counts, as well as indicative and repair data.
MICAP Total Hours & Incidents	Analytics	Provides NSN and SOS summaries of the MICAP hours and incidents by organization. The date range is set for current Month-to-Date.
Months Supportable Analysis	Analytics	Provides ability to review current B/O, repair data, contract due-in and other data that is supportable.
Next Higher Assembly (NHA)	Creeper	Provides the Next Higher Assembly for the respective National Stock Number.
NSN Analysis	Analytics	Provides NSN indicative and availability information at the Summary level.
On-Hand + On Order Greater Than Req'd	Creeper	Provides active requisitions by NIIN based on filters selected from the Summary level. Reference Tables used: MAJCOM Cross Reference, SOS to Flight

Figure 3. Expand Filter & Filter choices.



STEPHEN D. GRAY, SES, DAF
DIRECTOR

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFMCI20-102, *Requirements Definition and Purchase Instrument Development*, 26 Feb 2024

AFMCI20-102 AFSCSUP, *Requirements Definition and Purchase Instrument Development*, 28 June 2017

Prescribed Forms

None

Adopted Forms

AF Form 847, *Recommendation for Change of Publication*

AFMC Form 206, *Temporary Work Request*

Abbreviations and Acronyms

AFMC—Air Force Material Command

ALT—Administrative Lead Time

AMARG—Aerospace Maintenance and Regeneration Group

AFI—Air Force Instruction

BLADE—Basing and Logistics Analytical Data Environment

B/O—Backorders

DAFI—Department of Air Force Instruction

DR—Deficiency Reports

DMISA—Depot Maintenance Interservice Support Agreement

ES—Equipment Specialist

EAD—Estimated Award Date

ESD—Estimated Ship Date

FMS—Foreign Military Sales

GWD—Get Well Date

IAW—In Accordance With

iPID—interactive Problem Item Datasheet

JCS—Joint Chiefs of Staff

LMS/PM—Logistics Management Specialist/Program Manager

MICAP—Mission Impaired Capability Awaiting Parts

MDR—Monthly Demand Rate

MRSP/IRSP—Mobility/In-place Readiness Spares Package

MYC—Multiple-Year Contract

NIIN—National Item Identification Number

NSN—National Stock Number

OPR—Office of Primary Responsibility

POC—Point of Contact

PLT—Production Lead Time

PRPS—Purchase Request Process System

PR—Purchase Request

RDS—Records Disposition Schedule

RSP—Readiness Spares Package

R&Rs—Roles and Responsibilities

RO—Requisitioning Objective

SC—Supply Chain

SCMW—Supply Chain Management Wing

SOS—Source of Supply

SP—Supply Planner

SPO—System(s) Program Office

SCM—Supply Chain Management

TCTO—Time Compliance Technical Order

Attachment 2

IPID COMMENT EXAMPLES

Figure A2.1. iPID Comment Example 1.

Reference: 448 SCMW Publication BLADE Comments
 Equipment Specialist - ES Supply Planner - SP Logistics Management Specialist- LMS Program Manager - PM

SUPPLY CHAIN COMMENTS (CURRENT)						
FUNCTION OF ITEM		Updated By: Typically ES		Updated: 2022-11-30 14:29:09		
4.1. Function of items. The Equipment Specialist (ES) is the Technical Manager and is typically designated to input this section. Input a concise item description including master and sub-National Stock Numbers (NSNs) in the order of use.						
CONSTRAINTS		Updated By: Typically LMS/PM or SP				
Category	Subcategory	Follow Up Date	Uploaded By	Updated		
REPAIR CONSTRAINTS	CAPACITY / CAPABILITY		jennifer.doe	2024-04-03 13:15:54		
4.2. Constraints. LMS/PM or SP is typically designated to input this section. Determination of a root cause is essential for effective customer support and supply chain management. Identification of constraints facilitates metrics, reporting, and analysis used to determine if the Supply Chain Management Wing is positively affecting parts on the shelf and securing contracts in place. It is critical to identify and input the root cause of backorders, low ROP% and RSP% levels or limiting constraints. Input as much information available regarding constraint(s) resolutions.						
NEW PROCUREMENT		Updated By: Typically SP		Updated: 2024-04-03 13:15:57		
4.3. New Procurement. SPs are typically designated to input this section. Input all new procurement information applicable to the most recent contracting effort. SPs currently have the responsibility for initiating new purchase requests (PRs) within the Purchase Request Process System (PRPS) (AFMCI 20-102). If there is no applicable information, state "None".						
REPAIR STATUS		Updated By: Typically LMS/PM or SP				
Category	Subcategory	Follow Up Date	Uploaded By	Updated		
ORGANIC AND CONTRACT	ECONOMICAL OVERHAUL BY CONTRACTOR		victor.l.doe	2024-04-04 14:58:04		
4.4. Repair Status. LMS/PMs or SPs are typically designated to input this section. Input all repair information applicable to the root cause/constraints. Indicate all repair status and related issues of organic and contract production						
WORKAROUND / SURPLUS / OTHER		Updated By: Typically LMS/PM		Updated: 2024-04-03 13:16:02		
4.5. Workaround/Surplus/Other. LMS/PMs are typically designated to input this section. Provide information not appropriate for other sections.						
GET WELL DATES		Updated By: Typically LMS/PM		Updated: 2024-04-03 13:16:02		
JCS / 700	MICAP	Priority	Routine	POC	Routing Symbol	DSN
	2024-05-07		2025-11-25	PM:Rustin Doe	414 SCMS / GUMAD	775-1234
4.6. [Specific calculation in 4.6.1 - 4.6.4] Get Well Date (GWD). The iPID has four categories of GWDs - Joint Chiefs of Staff (JCS), Mission Capable (MICAP), Priority, and Routine. The GWD is the date that all backorders are filled for that category (JCS/700; MICAPS; Priority; Routine). Each category with backorders requires a date.						
4.7. Points of Contact. Input LMS/PM Point of Contact (POC) information. Use name as listed in Global. (Ensure first and last name are spelled exactly the same every time (including Capitalization) as the POC is a searchable and sortable field.)						

Figure A2.2. iPID Comment Example 2 w/scenario.

Scenario:
 Current date is 1 Apr 24. Item has 53 total backorders to include 39 routine backorders and 14 MICAPs. The MDR is 10/mo. (reference 4.6 GWDs, Repair Status Output totals 12/mo, which is 2ea/mo over the MDR).

SUPPLY CHAIN COMMENTS (CURRENT)

FUNCTION OF ITEM Updated By: justin.g.doe Updated: 2022-11-30 14:29:09

Integrated Fuel Management Panel. 6610-01-123-4567, IFMP, is a line replaceable unit (LRU) that provides a means for manual control of pumps and valves. It provides status indicators to permit aircrew monitoring of existing fuel conditions. It is a component of the integrated management and center of gravity system that provides all the controls and displays necessary to monitor fuel quantity and distribution and direct the transfer of fuel through out the system.

CONSTRAINTS

Category	Subcategory	Follow Up Date	Uploaded By	Updated
REPAIR CONSTRAINTS	CONTRACT - TEST EQUIPMENT		jennifer.doe	2024-03-25 13:15:54

Test Stand inoperable due to broken motor. New motor is on order; EDD 05 June 2024. Once the new motor is received, the Test Stand will need calibration and PMEL'd. Test Stand repair ECD 14 June 2024. Repair production is expected to resume 17 June 2024.

NEW PROCUREMENT Updated By: jennifer.doe Updated: 2024-04-01 13:15:57

SPRAWA120C0009 awarded 9/4/23 for 120ea. Contract delivery schedule: 10ea per month from Aug 24 – Aug 25. Expedited/partial delivery requested by LMS on 3/1/24. Request approved on 3/31/24. 5ea ESD 06 June 24. Remaining quantities will follow original contract delivery schedule until deliveries complete.

REPAIR STATUS

Category	Subcategory	Follow Up Date	Uploaded By	Updated
ORGANIC AND CONTRACT	TEST/CHECK & REPAIR		victor.l.doe	2024-04-01 14:58:04

Organic shop performs check and test to replace a few minor parts. Output is 2/wk.
 Contractor: BAE Inc. Repair contract: FAB117-23-D-0049 awarded 09/03/23. 3 years with 2 option years.
 DO: FAB117-23-F-0077 for 12ea awarded 21 Dec 23. Delivery schedule 4ea 30 days ARO or induction of repairable.
 DO: FD2030-24-16561 in work for 30ea. EAD: 15 Jul 24.
 Contractually, BAE is required to repair 12/qtr. Goal is for BAE to repair 20/qtr.
 ESDs: 3ea 01 Jul 24, 2ea 15 Jul 25. Remaining ESDs TBD

WORKAROUND / SURPLUS / OTHER Updated By: jennifer.doe Updated: 2024-04-01 13:16:02

Re-engineering effort in work to repair the 43 in G condition for faceplates. 422 SCMS is working with PCO to add test stand refresh to the current contract as a NRE CLIN on the option year coming up. FD20302200978 is with contracting. If NRE is added, we expect 30 months lead time to complete the test stand refresh.
 FMS:
 -BR 23-01117 initiated 15 Feb 23 supports DCIF5V20287600 (3ea)
 -BR 24-01387 initiated 18 Oct 24 supports DTKB5412234003 (2ea)
 For FMS inquiries contact: AFSC FMS Workflow (AFGLSC.FMS@us.af.mil)

GET WELL DATES Updated By: gregory.doe Updated: 2024-04-01 14:11:06

JCS / 700	MICAP	Priority	Routine	POC	Routing Symbol	DSN
	2024-08-30		2024-11-25	PM: Justin Doe	414 SCMS / GUMAD	775-1234