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**Communications and Information**

**SPACELIFT PROGRAM COMMUNICATIONS  
SUPPORT POLICY**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This instruction implements management policy for providing communications support to Commercial Space Launch Operations activities at Cape Canaveral Air Force Station (CCAFS). This policy applies to non-federal entities seeking to obtain/procure communications support from the 45th Space Wing (45 SW).

**1. Purpose and Scope.**

1.1. Formerly, base communications support was funded by the Air Force and provided by the 45 SW for activities performed under Air Force launch contracts with commercial companies. The Air Force is now taking a new approach, beginning with the Evolved Expendable Launch Vehicle (EELV) Program, whereby no base support is funded by the Air Force as part of its launch contracts. Also, the base support provided by the 45 SW on a reimbursable basis to private companies, will be limited. Companies awarded government launch contracts that do not include Air Force-funded base support or companies that are performing under launch contracts with industry, will be required to obtain and pay for base support from their own resources.

1.2. The purpose of this policy is to clarify for launch/range customers those instances where the 45 SW is a "required" or "available" source of base support, as well as, the types of base support that must be acquired from commercial sources (i.e., "commercially available"). This policy applies immediately to the EELV Programs, but does not apply to existing commercial customers while they are sharing Air Force-owned launch facilities made available to them under separate Air Force launch contracts (i.e., Atlas and Delta launch vehicles using Space Launch Complexes (SLCs) 36 A/B and 17A/B). All other existing commercial customers must be compliant with this policy.

**2. Terms Explained.**

2.1. **Base Support.** Any services and/or support provided by the government or commercial sources to commercial launch and range customers.

2.2. **Customers.** Non-federal entities seeking to obtain 45th Space Customers Wing provided base support pursuant to the terms of a signed Commercial Space Operations Support Agreement (CSOSA) or a signed Space Operations Support Agreement (SOSA).

2.3. **Communication Demarcation.** The point or area where government operation and maintenance responsibilities and customer responsibilities transfer.

2.4. **Communications Service Connectivity.** The transport of customer communications services from communication demarcation to demarcation.

2.5. **Commercial Point Of Presence.** The customer commercial demarcation point is located in Building 1641 (XY), Room 104.

2.6. **Information System.** Any telecommunications and/or computer-related equipment or interconnected system or subsystems of equipment used in the acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of voice, and/or data, including software, firmware, and hardware.

### 3. Procedures.

3.1. **Communication Demarcations.** The government will own, operate, maintain, and sustain the communications infrastructure and provide a standard set of services for all spacelift programs up to points of demarcation established by the government for respective spacelift facilities. The point of demarcation for all new spacelift programs should be within only one facility such as a launch control center or space launch complex, whereby the connectivity does not ingress back into the communications infrastructure. The selected facility would serve as a hub for a campus of facilities that are in close geographical proximity to each other and are critical in the processing of a family of launch vehicles such as the EELV and the commercial derivatives. Stand-alone facilities that *are not shared with any other entity* and are dedicated to the same spacelift customer either through lease or license will have a single demarcation point within that facility.

3.2. **Connectivity to the Communications Service.** Connectivity to the CCAFS Communications Service may require equipment provided by the government to be located in dedicated racks within the customer's facility. This equipment will be operated and maintained by the government with the cost reimbursed to the government on a pro-rata basis as part of the Communications Service fee.

3.3. **Intra-/Inter-Site Connectivity.** Land-line communications connectivity across CCAFS or to points external to CCAFS will be evaluated by the government for optimum solutions that consider cost, impacts to the CCAFS Communications Service, customer needs, and government information assurance issues/programs. It is the intention of the government to provide a cost-effective service to transport all land-line data, voice, video, timing, etc., to/from a customer's point of demarcation at the respective facilities or complex/campus of facilities to/from other CCAFS facilities and external locations on a fee-for-service basis. The government will provide a limited amount of rack space within or around the government external interface point for the customer to utilize for interfacing their communications equipment to the government service and/or the commercial point of presence carrier.

3.4. **Customer Communications Equipment.** Spacelift customers will procure, install, operate, and maintain all launch processing/operations communications equipment internal to their respective facilities (except the CCAFS Communications Service equipment) regardless if the facility is or is not within a launch complex/campus and providing the customer does not share the respective facilities with any other customer or government entity. For those customers that share the use of a facility, and

there is no government presence, the customer's specific communications equipment will interface to a common communications area within the facility. DoD 7000.14-R, specifies the government will bill each customer utilizing the facility, on a pro-rated basis, for any charges incurred by the government to establish, maintain, or terminate communications from the point of embarkation onto CCAFS, up to the point of demarcation into the customer-leased facility. Any charges realized past the point of demarcation will be considered a commercial matter between the customer that owns, operates and maintains the common communications area within the facility and the customer(s) interfacing their equipment to the common communications area.

**3.5. Open Air Communication.** Customers may utilize their own equipment to accomplish Radio Frequency (RF) link-checks required for pre-launch checkout of payloads between the respective launch pads and the payload processing facility. The customers can also implement microwave or satellite communications systems either between their own facilities at CCAFS or to external facilities, so long as the installations (ground equipment) comply with all government requirements and regulations for such communications (frequency clearance, etc.). These communications paths can include direct connection to commercial carriers if the customers so desire and doing so is not prohibited by any government information assurance policy.

**3.6. Basic Rules of Engagement.** The government reserves the right to place Eastern Range instrumentation and associated communications connectivity for same within the physical boundary of any spacelift complex/campus. All customer communications systems shall be designed to interface with the CCAFS Communications Service infrastructure using standards as determined by the government to transport all voice, data, video, timing, etc. The government will operate the CCAFS Communications Service on a fee-for-service basis, charging all users a share of common service fees.

**3.7. Information Security.** In order for the government to maintain an acceptable level of risk for its information systems, it is necessary to consider the risk that may be introduced by the connection of other systems. Each information system connected to a government information system must have a formal security plan and risk assessment, which would allow the government to assess the risk that the connection would present for the government system. Prior to connection, the government shall review the connecting system's security plan and risk assessment and establish an agreement regarding information security. The agreement shall precisely identify both systems, specify responsible parties and points of contact, describe the interfaces between the systems, and provide procedures for prompt notification of the government if an event occurs which could affect the security of the government information system. This information may be incorporated in a CSOSA, an SOSA, or other signed agreement such as a Service Level Agreement.

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