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Information Management

Preparing and Processing Requests for Long-Haul Information Transfer Services

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SUMMARY of CHANGE

DA PAM 25-5

Preparing and Processing Requests for Long-Haul Information Transfer Services

This revision changes and adds the following:

- o Updates the contents of all tables, figures, and appendix C.
- o Adds Defense Switched Network (DSN) (para 2-5).
- o Changes ordering procedures for Government Services Administration (GSA) service (para 2-7).
- o Adds Federal Telecommunications System (FTS) 2000 definition and acquisition procedures (para 3-3).
- o Changes NSEP to the Telecommunications Service Priority (TSP) System (para 3-11).
- o Changes the (DA Form 2544) Reimbursable Service Order to DD Form 448 (Military Interdepartmental Purchase Request) (para 8-3).

Information Management

Preparing and Processing Requests for Long-Haul Information Transfer Services

By Order of the Secretary of the Army:

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History. This UPDATE printing publishes a revision of this publication. Because the publication has been extensively revised, the changed portions have not been highlighted. This publication has been reorganized to make it compatible with the Army electronic publishing database. No content has been changed.

Summary. This pamphlet provides guidance and procedures for obtaining and

managing leased or Government furnished, long-haul information transfer requirements.

Applicability. This pamphlet applies to the Active Army, the Army National Guard, and the U.S. Army Reserve. It also applies to other designated activities for whom the U.S. Army Commercial Communications Office serves as the Telecommunications Certification Office for the procurement, leasing, or acquisition of long-haul information transfer facilities, services, and equipment. This pamphlet does not apply to the Intra Local Access Transport Area Message Telecommunications Service, commonly called direct distance dial, which must be obtained from the local franchised carrier; telephone station equipment; and information transfer services in the National Capital Region.

Proponent and exception authority. The proponent agency of this pamphlet is the U.S. Army Information Systems Command.

Interim changes. Interim changes to this pamphlet are not official unless they

are authenticated by The Adjutant General. Users will destroy interim changes on their expiration dates unless sooner superseded or rescinded.

Suggested Improvements. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to the Director, U. S. Army Commercial Communications Office, ATTN: ASQA-DS, Fort Huachuca, AZ 85613-5330.

Distribution. Distribution of this publication is made in accordance with the requirements on DA Form 12-09-E, block number 2544, intended for command levels B, C, and D for Active Army, and D for the Army National Guard and the U.S. Army Reserve.

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Chapter 1 Introduction

1-1. Purpose

This pamphlet provides guidance for obtaining leased and Government-owned, long-haul information connectivity systems. It explains how to prepare required reports and documents and prescribes procedures for managing information system resources.

1-2. References

Required and related publications and referenced forms are listed in appendix A.

1-3. Explanation of abbreviations and terms

Abbreviations and special terms used in this pamphlet are explained in the glossary.

1-4. Relationships

a. The U.S. Army Commercial Communications Office (USARCCO) is a field operating activity of the U.S. Army Information Systems Command (USAISC). Other related organizations within the procurement channels are listed in appendix B. The USARCCO—

(1) Is designated as the Army's Telecommunications Certification Office (TCO) by the Department of the Army (DA). As TCO, USARCCO—

(*a*) Certifies to the Defense Communications Agency (DCA) and its field activities, as well as the Defense Commercial Communications Office (DECCO), that requests for information system services, facilities, or items of equipment are bona fide DA requirements and that necessary costs will be funded.

(*b*) Coordinates, processes, and evaluates Army information system requirements for leased and Government-owned, long-haul services.

(*c*) Is the Army's point of contact (POC) between the major Army elements and DECCO contracting offices at Scott Air Force Base (SFB), Illinois; Fort Shafter, Hawaii; Elmendorf AFB, Alaska; and Sembach Air Base, Germany.

(*d*) Performs the TCO functions in DCAC 310-130-1.

(*e*) Does not acquire intra-local access transport area (LATA) services and certain telephone station equipment that are acquired according to AR 25-1.

(2) Evaluates approved, long-haul information system requirements and requests for leased and Defense Communications Systems (DCS) Government-owned circuits, facilities, and equipment before procurement action or referral to higher headquarters. To accomplish this, the USARCCO will—

(*a*) Resolve technical feasibility and economic alternative conflicts before processing the requirement for procurement action.

(*b*) Complete the management evaluation (ME) (para 3-5d) based on traffic data received and cost of the selected type of service.

(*c*) Ascertain the availability of funds and compliance with Department of Defense (DOD), DCA, and/or DA directives and plans.

(3) Is the Army's office of record for all long-haul information systems. Records include documentation concerning operational justification, evaluation, and approval of requests for service (RFSs), traffic history, financial expenditures, and the biennial review and revalidation (R&R) of each leased service, facility, or equipment within its assigned area.

(4) Develops and distributes the Army Leased Communications Management Information System (LCMIS) and the long-haul Direct Customer Payment System (DCPS). This system provides Army users with reports reflecting the current inventory and financial status of their leased telecommunications resources in order to better enable management to control those resources.

(5) Consolidates and processes programming data; solicits, formats, and submits budget information; and manages operational funding matters for leased, long-haul information systems.

(6) Manages other miscellaneous programs, such as the R& automated digital network (AUTODIN) bit rate analysis program, automatic voice network (AUTOVON) approval, and so forth.

b. Deputy Chief of Staff for Information management (DCSIM) validates requirements as mission essential according to AR 25-1. In addition, the DCSIM coordinates and obtains from subordinate elements necessary information to complete an RFS, if applicable. The assignment of a DCSIM RFS number—

(1) Indicates that the requirement is validated and provides additional information that may be lacking in the RFS.

(2) Ensures that the DCSIM is prepared to provide funding for any unprogrammed/unfinanced leased requirement.

c. The supporting or area director of information management (DOIM) (or DCSIM, when he or she generates the RFS)—

(1) Prepares the RFS according to chapter 3. The DOIM ensures that all information contained in the RFS is complete and accurate.

(2) Coordinates with the requester to determine if the requirement can be satisfied by an existing service before preparing the RFS.

(3) Submits the DD Form 1367 (Commercial Communications Work Order (CCWO)), if applicable, according to paragraph 3-16.

(4) Submits the appropriate completion report, if specified in the telecommunications service order (TSO) or telecommunications service request (TSR), when the terms have been met by the carrier/vendor. Completion reports are discussed in chapter 5.

(5) Reports unsatisfactory service as detailed in chapter 6.

(6) Completes R&R submissions in compliance with chapter 9.

d. Users or requesters of information system services will provide the DOIM sufficient details of service to allow the supporting or area DOIM to determine the most efficient means to satisfy that requirement. Users of long-haul service—

(1) Notify their supporting DOIM of any long-haul, leased information system requirement as it becomes known and provide coordination until the service or equipment has been installed.

(2) Obtain user requirements data base (URDB) numbers for currently operational and planned automatic data processing (ADP) systems and data networks that require RFS processing.

(3) Notify their supporting DOIM or designated maintenance facility of service interruption or degradation.

(4) Provide continuous coordination until the service has been fully restored.

(5) Provide input to the DOIM on the biennial R&R of dedicated services under AR 25-1.

Chapter 2

Types of Service

2-1. General

This chapter lists the various types of services that the USARCCO leases through DCA, DECCO, and the General Services Administration (GSA). The list is not all inclusive, although most of the common services are presented.

2-2. Automatic voice network

a. The AUTOVON is a worldwide automatic information system for end-to-end, circuit-switched voice connections of the DCS.

b. An AUTOVON RFS is prepared on DD Form 173/2 (Joint Message Form). (See fig 2-1.)

Note. The 200-series item numbers are specifically keyed to AUTOVON service.

2-3. Automatic secure voice communications

a. Automatic secure voice communications (AUTOSEVOCOM) is a secure voice network of the DCS.

b. An AUTOSEVOCOM RFS is prepared on DD Form 173/2. (See fig 2-2.)

2-4. Automatic digital network

a. The AUTODIN is a worldwide message switched information network of the DCS for record communications.

b. An AUTODIN RFS is prepared on DD Form 173/2. (See fig 2-3.)

Note. Item numbers 301-351 are specifically keyed to AUTODIN services.

2-5. Defense Data Network

a. The Defense Data Network (DDN) is a Government operated, packet-switched data network.

(1) The DDN host must be a DDN-certified version of X.25.

(2) DDN terminals must be asynchronous, American Standard Code for Information Interchange (ASCII) unless equipped with some type of interface device.

(3) The DDN—

(a) Operates most effectively using transmission control protocol-internet protocol (TCP/IP) transport protocol. This protocol is standard and, therefore, mandatory for interoperability with other systems using the DDN as a transport medium.

(b) Accepts either recommended standard RS-232 or RS-449 physical connections.

(c) Is mandated for use as the transport for DOD requirements for long-haul data communications, unless waived or the following exemptions apply.

All exercise circuits.

Temporary requirements with a life cycle of less than 12 months.

Nonappropriated fund requirements (such as, AAFES).
150 baud and below circuits, except AUTODIN query response.
AUTODIN narrative service requests including indirect AUTODIN circuits but excluding query response.
Data requirements for a non-DOD host not connecting to the DDN, including National Aeronautics Space Administration (NASA) and Manned Space Agency.
Federal Emergency Management Agency (FEMA) (exempted by DCA Code 610 message 231301Z September 1983).
Intrafacility data communications service provided at discrete entity such as a named post, camp, base, or station or local service area, or point-to-point non-long-haul circuits. Item 417 of the RFS must contain the facility name and a full explanation of why item 120A or 131A differs from item 120B or 131B (if applicable).
All circuit deactivations to include discontinuance of legs on existing multipoint circuits.
Trunk actions (DCA channelized) that are initiated in-house and do not affect data service being provided.
Trunk actions (DCA channelized) in response to certified RFSs. However, resultant RFS actions on affected circuits carrying data require the waiver number unless they are in an exempted category.
Defense Switched Network (DSN) including monitoring equipment access circuits.
National Command Authorities and White House Communications Agency requirements.
Data circuits that are used for real-time process control For example: radar feeds, spacecraft control, full-period telemetry, remote transmitter control (such as AFRTS).
Facsimile requirements (analog/digital).
Tactical System--tactical mobile or semi-fixed systems which move from garrison to field locations.
On-call/contingency circuits—permanent circuits which are activated through an OPLAN, (such as, wartime support).
Line maintenance/movement—this category is defined as any existing circuit which must be relocated to another building, room, or within a limited geographical location (such as, within the same post, camp, station, or local service area). This category does not authorize new service within reasonable geographic bounds.
All Jam Resistant Secure Communications (JRSC) and Electronic Counter-Countermeasure (ECCM) circuits.

b. Army DDN user costs are satisfied from the Commercial Services Industrial Fund (CSIF). The Army's contribution is one-third of the total contribution to the CSIF annual cost. This method of recovering charges will exist until a measured billing (user sensitive billing) capability is implemented in FY92. The users will be directly billed for the charges when direct customer payment is implemented, which is anticipated for FY93 (1 Oct 92).

c. A DDN RFS is prepared on DD Form 713/2 after the data requirement is registered in the user requirements data base (URDB), selected, and modeled. (See fig 2-4.)

Note. Item numbers 352-368 are specifically keyed to DDN service.

2-6. Public Data Network

a. The Public Data Network (PDN) provides for the transmission of data, voice, and facsimile on a domestic and/or international basis. It is a nontariffed offering. The PDN is commercially owned and operated. Terminals access the network primarily through dial-up. Conversely, PDN carriers bring the network to hosts via dedicated circuits. Although encryption is not supported, moderate use of PDN service is less costly than a dedicated circuit. (See para 2-8 for explanation of a dedicated circuit.) PDN is a measured service, that is, time and traffic sensitive. PDN also allows access to commercial data bases, which is currently not feasible with DDN service. If DDN cannot satisfy the requirement, PDN service might be the most cost-effective method of operation.

(1) The PDN is based on a host-manager concept. This applies to data base managers whose hosts are connected to a PDN, electronic mailbox service, and communities of terminals or word processing centers (WPCs) that comprise a network (a community of interest). Under this concept, the host manager will be designated by the requesting agency requiring the PDN service to manage the network. The host manager will—

(a) Provide the information required to complete the RFS as appropriate. All PDN services require submission of an RFS. (See chap 3, sec II.)

(b) Perform certification functions according to paragraph 1-4b.

(c) Issue DD Form 1367s according to paragraph 3-16.

(d) Maintain an updated list of all PDN terminal users.

(2) Network access in the continental United States (CONUS) most often is made through dial-up terminals using local business lines, foreign exchange (FX) service, direct distance dial (DDD)/tolls, and so forth. CONUS host data bases (computers) are connected to network nodes by dedicated point-to-point circuits.

(3) In Europe, terminal access may be made either by dial-up or dedicated circuits depending on the type of service requested. Basically, the following two PDN services are offered:

(a) Datex P is a packet-switched protocol. If the connection is between hosts, either can initiate the call. However, if the connection is terminal to host, the call can only be originated by the terminal. After the initial call has been initiated by the terminal, two-way transmission is possible.

(b) Datex L is a circuit-switched network whereby anyone can initiate a call anywhere. During the length of that call, the circuit is dedicated to those users.

b. A PDN RFS is prepared on DD Form 173-2. (See fig 2-5.)

2-7. GSA provided services

a. GSA services are those provided for customers located in a Federal building being served by GSA consolidated service systems.

b. GSA services will be acquired in accordance with chapter 3, section III. (See fig 2-9.)

2-8. Dedicated service

a. "Dedicated" is a loosely defined term that encompasses many different configurations and service offerings. It can refer to a point-to-point or multipoint arrangement. FXs and off-premise extensions (OPXs) are two examples of dedicated service. For a requirement to fall under the purview of dedicated service, the circuit will normally—

(1) Be hard wired.

(2) Not go through any type of switching device such as AUTOVON or AUTODIN.

b. An RFS for dedicated service is prepared on DD Form 173/2. (See figs 2-8 and 2-9.)

2-9. Defense Commercial Telecommunications Network

The Defense Commercial Telecommunications Network (DCTN) is a leased communications system that will provide economic and reliable routine switched voice service, dedicated wide-band data service, and video teleconferencing capabilities within CONUS for DOD, GSA, and other authorized users.

2-10. Measured traffic services

a. Measured traffic services are WATS (outgoing) and 800 (incoming) which provide leased inter- and intra-state voice grade administrative telephone toll service.

b. Measured service RFSs are transmitted electronically by the requester's local DOIM to the validating authority with an information copy to the USARCCO (see fig 2-8).

2-11. Federal Telecommunications System 2000

a. The Federal Telecommunications System 2000 (FTS 2000) is a Government-leased system managed by GSA to provide telecommunications to departments and agencies of the Government. These services include switched voice, switched data, switched digital integrated, packet switched, video transmission, and dedicated transmission service applications. FTS 2000 is available within the United States and between the United States and Puerto Rico, U.S. Virgin Islands, and Guam.

b. Due to DOD's transition toward FTS 2000, there is no change in the RFS format for acquiring long-haul telecommunications. RFSs will be issued by the DOIM, to the validating authority with an information copy to the USARCCO (see figs 2-1 through 2-8). FTS 2000 will be used to satisfy most of the long-haul telecommunications requirements unless they are Warner exempt or will utilize a DOD common user system.

JOINT MESSAGEFORM						SECURITY CLASSIFICATION UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMF	CIC	ORIG-MSG IDENT.
	DATE - TIME	MONTH	YR	ACT	INFO	UUUU			DJBT	Z
01	05			RR	RR					
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>FROM: CDRUSAISC FT BUCHANAN RA//ASQNA-BUC//</p> <p>TO: CDRUSAISC FORSCOM FT MCPHERSON GA//ASQNA-OP0//</p> <p>INFO CDR7THSIGCOMD FT RITCHIE MD//ASQNA-OP-IP-C//</p> <p>DIRUSARCCO RFS-TSR TRAFFIC FT HUACHUCA AZ//ASQA-DD//</p> <p>UNCLAS</p> <p>SUBJ: MULTIPLE RFS</p> <p>A. UNCLAS DA PAM 25-5 (NOTE: THIS IS A TYPICAL THIS MSG IN 3 PARTS EXAMPLE. IT SHOULD NOT BE PART 1 COPIED VERBATIM FOR EVERY 101. TBA AUTOVON START.) 102. 00 103. START 104. CIRCUIT ONLY/SINGLE VENDOR 105. AUTOVON 106A. 271800Z JAN 89 106B. 271800Z JAN 89 108. US 109. 3A 110. FULL DUPLEX 111. 3KH VOICE</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE					SECURITY CLASSIFICATION UNCLASSIFIED				
	SIGNATURE									

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
SN 0102-LF-000-1736

Figure 2-1. Sample of a completed AUTOVON RFS

JOINT MESSAGEFORM						SECURITY CLASSIFICATION UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG MSG IDENT.
	DATE - TIME	MONTH	YR	ACT	INFO					
02 OF 05				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>112. FULL PERIOD</p> <p>115. DPDT TO:</p> <p>116. NEW LEASE</p> <p>117. BJTFMC</p> <p>118. NO</p> <p>119D. NO</p> <p>120A. FTBUCHNN</p> <p>121A. RQ</p> <p>122A. 1</p> <p>123A. MDF</p> <p>124A. 376</p> <p>125A. 2</p> <p>126A. AECO SXS PBX</p> <p>128A. RJ2GX</p> <p>129A. 6W</p> <p>130A. MR. L. GREGORY, AUTOVON 894-1490, EXT 3121; COML 809-781-4571.</p> <p>131A. CDR, USAISC FT BUCHANAN, ATTN: ASQNA-BUC, FT BUCHANAN, PR 00934-5055</p> <p>139A. 809-781</p> <p>120B. POLK CY</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE						UNCLASSIFIED				
RELEASER	SIGNATURE									

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
SAM 0108-LF-000-1736

Figure 2-1. Sample of a completed AUTOVON RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMF	CIC	ORIG-MSG IDENT.
	DATE - TIME	MONTH	YR.	ACT	INFO					
03 of 05				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>1218. 12 FROM:</p> <p>1228. C TO:</p> <p>1238. SCA</p> <p>202. USAISC FT BUCHANAN</p> <p>203. L</p> <p>204. CDR, USAISC FT BUCHANAN, FT BUCHANAN, PR 00934-5055</p> <p>205. ASDNA-BUC</p> <p>206. FT BUCHANAN</p> <p>207. PR, 00934-5055</p> <p>209. PA</p> <p>212. 03</p> <p>213. 4</p> <p>214. 0</p> <p>217. 100 DAILY</p> <p>223. 4</p> <p>225. NO</p> <p>226. YES</p> <p>233. AECO STEP BY STEP STROWGER (4 POST SWBD)</p> <p>234. GFE</p> <p>235. 791-0110</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE					SECURITY CLASSIFICATION UNCLASSIFIED				
	SIGNATURE									

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
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Figure 2-1. Sample of a completed AUTOVON RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION UNCLASSIFIED				
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT.
	DATE-TIME	MONTH	YR	ACT	INFO					
04 OF 05				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>236. 13 FROM:</p> <p>237. 2-3 TO:</p> <p>240. 1400</p> <p>401. START 1 RNID/NOD AUTOVON ACCESS LINE.</p> <p>402. MR. L. GREGORY, AUTOVON 894-1490, EXT 3121; COML 809-781-4571</p> <p>405. NO DPA REQUIRED-REQUIREMENT IS TO BE SATISFIED USING A DOD COMMON USER SYSTEM.</p> <p>409. FT BUCHANAN/RQ/MDF/A894-1490</p> <p>417. A. THIS RQMT IS CONTINGENT UPON THE CHANGE FROM MANUAL IN/OUT DIAL TO NETWORK IN/OUT DIAL.</p> <p>B. CKTS TO BE IN HUNT GROUP ATP 72253 IF POSSIBLE.</p> <p>C. THIS REQUIREMENT HAS BEEN REVIEWED BY THE PROPER FUNDING AUTHORITY, TAKING INTO CONSIDERATION GRAMM-RUDMAN-HOLLINGS, HOUSE APPROPRIATIONS, AND HQDA APPLIED REDUCTIONS, AND IS APPROVED FOR IMPLEMENTATION UNDER THE DCP PROGRAM.</p> <p>430. 072</p> <p>431. D</p> <p>437A. CPIWI-YES/CPIWM-YES</p> <p>437B. CPIWI-YES/CPIWM-YES</p> <p>438A. NONE</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL, AND PHONE										
RELEASED	SIGNATURE					SECURITY CLASSIFICATION UNCLASSIFIED			DATE TIME GROUP	

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
SN 9108-LF-000-1738

Figure 2-1. Sample of a completed AUTOVON RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION					
						UNCLASSIFIED					
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMP	CC	ORG/MSG IDENT.	
	DATE - TIME	MONTH	YR.	ACT	INFO						
05 of 05				RR	RR	UUUU			DJBT	Z	
BOOK	MESSAGE HANDLING INSTRUCTIONS										
<p>4388. NONEFROM:</p> <p>440A. WILL LEAK</p> <p>440B. WILL NOT LEAK</p> <p>501. THIS REQUIREMENT IS SUBMITTED TO IMPROVE THE GOS BASED UPON THE LAST 7TH SIG COMD TRAFFIC STUDY.</p> <p>503. JCS 211800Z APR 88</p> <p>515A. ABI-CD2-34J67-PF-F</p> <p>516A. 1.08</p> <p>517A. 9.0F</p> <p>518A. TL31M</p> <p>PART 2</p> <p>101. TBA</p> <p>PART 3</p> <p>101. TBA</p> <p>209. PC</p> <p>213. 9</p> <p>401. START 1 RNID/NONE AUTOVON ACCESS LINE NO HUNT GROUP. CKTS TERM AT SWBD, MANUAL ACCESS.</p>											
DISTR:											
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS					
RELEASEE	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
	SIGNATURE						SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED					

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
S/N 0109-LF-000-1738

Figure 2-1. Sample of a completed AUTOVON RFS—Continued

JOINT MESSAGEFORM				SECURITY CLASSIFICATION							
				UNCLASSIFIED							
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	OC	ORIG-MSG IDENT.	
	DATE - TIME	MONTH	YR.	ACT	INFO	UUUU			DJBT	Z	
01 of 05				RR	RR						
BOOK	MESSAGE HANDLING INSTRUCTIONS										
<p>FROM: CDRUSAISC FT MCPHERSON GA//ASQNA-MCP-OP//</p> <p>TO: CDRUSAISC FORSCOM FT MCPHERSON GA//ASQNA-OP0//</p> <p>INFO DIRUSARCCO RFS-TSR TRAFFIC FT HUACHUCA AZ//ASQA-DD//</p> <p>DA WASHINGTON DC//SAIS-ADS//</p> <p>UNCLAS</p> <p>SUBJ: REQUEST FOR SERVICE</p> <p>A. UNCLAS DA PAM 25-5</p> <p>101. TBA (NOTE: THIS IS A TYPICAL EXAMPLE.</p> <p>102. 00 IT SHOULD NOT BE COPIED VERBATIM</p> <p>103. START FOR EVERY AUTOSEVOCOM START.)</p> <p>104. CIRCUIT AND EQUIPMENT/SINGLE VENDOR</p> <p>105. AUTOSEVOCOM</p> <p>106A. 131800Z MAR 89</p> <p>106B. 131808Z MAR 89</p> <p>108. UD</p> <p>109. 7D</p> <p>110. FULL DUPLEX</p> <p>111. 50KB</p> <p>112. FULL PERIOD</p> <p>115. 2 WAY DIAL</p>											
DISTR:											
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS					
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE											
RELEASER	SIGNATURE					SECURITY CLASSIFICATION		DATE TIME GROUP			
						UNCLASSIFIED					

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
S/N 0103-LF-000-1738

Figure 2-2. Sample of a completed AUTOSEVOCOM RFS

JOINT MESSAGEFORM							SECURITY CLASSIFICATION UNCLASSIFIED			
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT.
	DATE - TIME	MONTH	YR.	ACT	INFO					
02 OF 05				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>116. NEW LEASE</p> <p>117. 88FFBA TO:</p> <p>118. NO</p> <p>119. NO</p> <p>120A. FTMCPHSN</p> <p>121A. 13</p> <p>122A. C</p> <p>123A. SVS</p> <p>124A. 205</p> <p>125A. EAC ROOM</p> <p>126A. SECORD</p> <p>127A. KY-3</p> <p>129A. 4W</p> <p>130A. MR. JAMES H. MCKOON, AUTOVON 588-2033; COML 404-752-2033</p> <p>131A. CDR, USAISC, FT MCPHERSON, ATTN: ASQNA-MCP-0P, BLDG 51, FT MCPHERSON, GA 30330-5000</p> <p>139A. 404-752</p> <p>120B. MACDILL</p> <p>121B. 12</p> <p>122B. C</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE					SECURITY CLASSIFICATION UNCLASSIFIED				DATE TIME GROUP
	SIGNATURE									

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
SN 6102-LF-029-1726

Figure 2-2. Sample of a completed AUTOSEVOCOM RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMF	OC	ORIG-MSG IDENT.
	DATE-TIME	MONTH	YR.	ACT	INFO	UUUU			DJBT	Z
03 of 05				RR	RR					
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>1238. SVR FROM:</p> <p>1248. 501 TO:</p> <p>1258. 146</p> <p>1268. AN/FTC-31</p> <p>1278. KY-3</p> <p>1298. 4W</p> <p>1308. SSG LIOGGHI0, AUTOVON 968-5107; COML 813-830-5107</p> <p>1318. 1928TH ISG-DOT, MACDILL AFB, FL 33608-6340</p> <p>1398. 813-830</p> <p>201. 91046</p> <p>202. HQ FORSCOM, FT MCPHERSON, GA</p> <p>203. S</p> <p>204. CDR USAISC, FT MCPHERSON, GA</p> <p>205. ATTN: ASQNA-MCP-OP</p> <p>206. FT MCPHERSON</p> <p>207. GA 30330-5000</p> <p>209. WB</p> <p>212. 01</p> <p>213. 2</p> <p>225. YES</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELEASER	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
S/N 0108-LF-000-1736

Figure 2-2. Sample of a completed AUTOSEVOCOM RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT.
	DATE-TIME	MONTH	YR.	ACT	INFO					
04 OF 05				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>226. NO FROM:</p> <p>228. 5W258 TO:</p> <p>229. 2750</p> <p>230. 5E3302</p> <p>231. FTC-31</p> <p>401. START 50 KB AUTOSEVOCOM CKT BTWN FT MCPHERSON SECORD AND MACDILL AFB. USER WILL ACCEPT EARLIEST DATE POSSIBLE</p> <p>402. LOIS TOWNS, AUTOVON 588-2938, COML 404-752-2938</p> <p>405. NO DPA REQUIRED. REQUIREMENT IS TO BE SATISFIED USING FTS 2000.</p> <p>409. FTMCPSN/13/SVS/AS88-2938</p> <p>417. THIS RQMT IS EXEMPT FROM FCC PART 68 PER DOCKET 78-331. EQUIPMENT TO BE INSTALLED COMPLIES WITH THE TECH RQMTS OF FCC PART 68. INSTALLATION WILL NOT HARM THE PUBLIC SWITCHED NETWORK OR TELEPHONE COMPANY EMPLOYEES AND WILL BE ACCOMPLISHED BY OR UNDER THE SUPERVISION OF QUALIFIED PERSONNEL. THIS RQMT IS IN THE INTEREST OF NATIONAL DEFENSE.</p> <p>430. 072</p> <p>431. D</p> <p>437A. CPIWI-YES/CPIWM-YES</p> <p>437B. CPIWT-YES/CIPWM-YES</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE					SECURITY CLASSIFICATION UNCLASSIFIED				
	SIGNATURE									

DD FORM 1 MAR 79 173/2 (OCA)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
SN 0102-LF-000-1735

Figure 2-2. Sample of a completed AUTOSEVOCOM RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CC	ORIGMSG IDENT.
	DATE - TIME	MONTH	YR	ACT	INFO	UUUU			DJBT	Z
05	of	05		RR	RR					
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>438A. NONEFROM:</p> <p>438B. NONE TO:</p> <p>440A. WILL NOT LEAK</p> <p>440B. WILL NOT LEAK</p> <p>501. THIS RQMT SUBMITTED TO SATISFY COMMAND AND CONTROL MISSION.</p> <p>503. JCS 221701Z MAR 88</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELASER	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
S/N 0102-LF-000-1736

Figure 2-2. Sample of a completed AUTOSEVOCOM RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT.
	DATE - TIME	MONTH	YR	ACT	INFO					
07 of 04				RR	RR	UUUUUU			DJBT	7
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>FROM: CDRUSAISC FT HOOD TX//ASQNA-HOD-SP//</p> <p>TO: CDRUSAISC FORSCOM FT MCPHERSON GA//ASQNA-OP0/ ASQNA-OPR//</p> <p>INFO DIRUSARCCO RFS-TSR TRAFFIC FT HUACHUCA AZ//ASQA-DD//</p> <p>ZEN CDR504THMIGP FT HOOD TX//CMDSA//</p> <p>ZEN CDRIICORPS FT HOOD TX//AFZF-CE//</p> <p>UNCLAS</p> <p>SUBJ: REQUEST FOR SERVICE</p> <p>A. UNCLAS DA PAM 25-5 (NOTE: THIS IS A TYPICAL EXAMPLE. IT SHOULD NOT BE COPIED VERBATIM FOR EVERY AUTODIN START.)</p> <p>101. TBA</p> <p>102. 00</p> <p>103. START</p> <p>104. CIRCUIT AND EQUIPMENT/SINGLE VENDOR</p> <p>105. AUTODIN</p> <p>106A. 101800Z FEB 89</p> <p>106B. 101800Z FEB 89</p> <p>108. KA</p> <p>109. 2A</p> <p>110. FULL DUPLEX</p> <p>111. 1-2KB</p> <p>DISTR:</p>										
CRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASE	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE									
	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
					UNCLASSIFIED					

DD FORM 1 MAR 73 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
S/N 0102-LF-000-1736

Figure 2-3. Sample of a completed AUTODIN RFS

JOINT MESSAGEFORM						SECURITY CLASSIFICATION						
PAGE		DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT.	
02 OF 04		DATE - TIME	MONTH	YR.	ACT	INFO						
BOOK					RR	RR	UUUUU			DJBT	Z	
MESSAGE HANDLING INSTRUCTIONS												
<p>112. FULL PERIOD ^{FROM:}</p> <p>115. NO SIGNALING ^{TO:}</p> <p>116. NEW LEASE</p> <p>117. B32FGE</p> <p>118. NO</p> <p>119D. NO</p> <p>120A. FT HOOD</p> <p>121A. 48</p> <p>122A. E</p> <p>123A. IGM</p> <p>124A. TACTICAL VAN</p> <p>125A. ADJ TO BLDG 90088</p> <p>126A. GFE INTEL 8630 MICROPROCESSOR W/INTEQ 1A-51008 AID</p> <p>127A. KG-84A</p> <p>128A. GFE CODEX MX-2400, CF 1800 HZ, SYNC, CCITT V26, MIL-STD-188C (FCC 254, PARA 2.1.4(A)(5)(B) APPLIES)</p> <p>129A. 4W</p> <p>130A. CW2 SHOTWELL, AUTOVON 738-9302/9593; COML 817-288-9302/9593 OR 1LT HALE, AUTOVON 738-9312; COML 817-228-9312.</p> <p>131A. CDR, 584TH MI GP, ATTN: AFVZ SC CE, FT HOOD, TX 76544 5000</p> <p>DISTR:</p>												
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS						
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE						SECURITY CLASSIFICATION UNCLASSIFIED					
	SIGNATURE											

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
S/N 0106-LF-000-1738

Figure 2-3. Sample of a completed AUTODIN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMP	CC	ORIG-MSG IDENT.
	DATE-TIME	MONTH	YR	ACT	INFO					
03 OF 04				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>139A. 817-288 ^{FROM:}</p> <p>1208. DCA TO ^{TO:} DETERMINE</p> <p>302. RI REQUIRED</p> <p>303. MODE I, MSU</p> <p>304. CONTINUOUS</p> <p>305. TOP SECRET</p> <p>310. A0</p> <p>311. OPEN MON-FRI, 0900-1700, LOCAL. CLOSED SAT, SUN, AND HOLIDAYS.</p> <p>328. 50</p> <p>331. ASCII</p> <p>332. JANAP 128</p> <p>333. 80</p> <p>347. N0</p> <p>350. NO TI LINE OPTION REQUIRED</p> <p>351. YES EM CAPABLE</p> <p>401. START ONE 1.2KB, AUTODIN CKT BTWN FT HOOD AND ASC AS DETERMINED BY DCA TMSO. REQUEST ASC BE OTHER THAN TINKER ASC.</p> <p>402. CW2 SHORTWELL, AUTOVON 738-9302; COML 817-288-9302.</p> <p>404A. GOVT PERS WILL EXTEND CKT FROM DEMARK POINT TO TACTICAL VAN</p> <p>405. NO DPA REQUIRED REQUIREMENT IS TO BE SATISFIED USING A D03</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASEE	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE					SECURITY CLASSIFICATION			DATE TIME GROUP	
	SIGNATURE					UNCLASSIFIED				

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
S/N 0102-LF-000-1735

Figure 2-3. Sample of a completed AUTODIN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG MSG IDENT.
	DATE - TIME	MONTH	YR	ACT	INFO					
04 OF 04				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>COMMON USER SYSTEMS</p> <p>4078. 1.2KB MODEM COMPATIBLE WITH USER CODEX MX 2400.</p> <p>409. ASC AS DETERMINED BY DCA TMSO</p> <p>410A. BLDG 90088</p> <p>430. 072</p> <p>431. D</p> <p>437A. CPIWI-YES/CPIWM-YES</p> <p>437B. CPIWI-NO/CPIWM-NO</p> <p>440A. WILL NOT LEAK</p> <p>440B. WILL NOT LEAK</p> <p>501. THIS CIRCUIT IS REQUIRED SO THAT THE 504THMIGP CAN PROVIDE TRAINING IN SUPPORT OF ITS WORLDWIDE MISSION.</p> <p>427. LEASE</p> <p>441. LEASE REQUIRED AS DIRECTED IN TARIFF</p> <p>442. YES. 24-HOUR A DAY ON SITE MAINTENANCE</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELEASER	SIGNATURE						SECURITY CLASSIFICATION		DATE TIME GROUP	
							UNCLASSIFIED			

DD FORM 1 MAR 78 173/2 (OCR)

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Figure 2-3. Sample of a completed AUTODIN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMP	CC	ORIG-MSG IDENT.
	DATE-TIME	MONTH	YR	ACT	INFO					
01 of 05				RR		UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>FROM: DIRUSAISSDC-BH INDIANAPOLIS IN//ASBB-BES//</p> <p>TO: DIRUSARCCO RFS-TSR TRAFFIC FT HUACHUCA AZ//ASQA-DN//</p> <p>INFO CDRUSAISC SBNA FT BELVOIR VA//ASQNL-ND-NB//</p> <p>CDRUSAISMA FT MONMOUTH NJ//ASM-SW-B//</p> <p>CDRUSAISC FT HUACHUCA AZ//ASOP-IO//</p> <p>ACOA(F&A) INDIANAPOLIS IN//DACA-FAZ-I//</p> <p>UNCLAS</p> <p>SUBJ: MULTIPLE RFS</p> <p>A. UNCLAS DA PAM 25-5 (NOTE: THIS IS A TYPICAL THIS MSG IN 2 PARTS EXAMPLE. IT SHOULD NOT BE PART 1 COPIED VERBATIM FOR EVERY 101. AFCOCT840018 DDN START.) 102. 00 103. START 104. CIRCUIT ONLY/SINGLE VENDOR 105. DDN 106A. 241800Z APR 89 106B. 241800Z APR 89 107. UBA9 108. SA</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASEE	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE					SECURITY CLASSIFICATION				
	SIGNATURE									
						UNCLASSIFIED		DATE TIME GROUP		

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S/N 0102-LF-000-1738

Figure 2-4. Sample of a completed DDN RFS

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LAF	DC	ORIG-MSG IDENT
	DATE-TIME	MONTH	YR	ACT	INFO					
02 of 05				RR		UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>109. 3C FROM:</p> <p>110. FULL DUPLEX</p> <p>111. 9.6KB</p> <p>112. FULL PERIOD</p> <p>115. NO SIGNALING</p> <p>116. NEW LEASE</p> <p>117. 88GAGB</p> <p>118. NO</p> <p>120A. FTBNHRSN</p> <p>121A. 18</p> <p>122A. D</p> <p>123A. DDP</p> <p>124A. 1</p> <p>125A. POST 136A</p> <p>126A. KAUFMAN 871 TO DCP 40 TO SPERRY UNIVAC 1100/84</p> <p>127A. KG 84</p> <p>128A. RS-449, SYNC, STD TELCO LEVELS, SDC CP8240</p> <p>129A. 4W</p> <p>130A. S. SCOTT, AUTOVON 699-3608; COML 317-542-3608 OR MR. REILLY, AUTOVON 699-3608; COML 317-542-3608</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE					SECURITY CLASSIFICATION UNCLASSIFIED				
	SIGNATURE									

DD FORM 1 MAR 78 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
SN 0102-UF-000-1736

Figure 2-4. Sample of a completed DDN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG-RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG/MQ IDENT.
	DATE-TIME	MONTH	YR	ACT	INFO					
03 of 05				RR		UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>131A. DIRUSAISSC-BH, ATTN: ASQBB-BES, INDIANAPOLIS, IN 46249-1136</p> <p>139A. 317-542</p> <p>1208. TBD BY DCA</p> <p>352. DAB002001</p> <p>353. PBAS</p> <p>355. NO</p> <p>356. SECRET</p> <p>357. A. DDN STANDARD X-25</p> <p style="padding-left: 40px;">B. RS-232C</p> <p>358. NON-TEMPEST</p> <p>362. PRIORITY</p> <p>363. SA2002</p> <p>364. JANE DOE, AUTOVON 699-3609, COML (317) 542-3609.</p> <p>365. COMSEC CUSTODIAN, ACCOUNT SA2002, USAISSC-BH, INDIANAPOLIS, IN 46249-1136.</p> <p>366. COMSEC CUSTODIAN, USAISSC-BH INDIANAPOLIS, IN //SA2002//</p> <p>367. DISNET</p> <p>368. DDN1.ARPA-TAC</p> <p>401. ESTAB DIRECT HOST INTERFACE TO DDN THRU CUSTOMER PROVIDED SDC A240 NETWORK. TMI CONCENTRATOR TO FUNCTION AS A TER.</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL, AND PHONE										
RELEASEE	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION: IS OBSOLETE AS OF 1 JAN 1980
SN 3102-LF-000-1736

Figure 2-4. Sample of a completed DDN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION					
						UNCLASSIFIED					
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MBO IDENT.	
	DATE - TIME	MONTH	YR.	ACT	INFO						
04 OF 05				RR	RR	UUUU			DJBT	Z	
BOOK	MESSAGE HANDLING INSTRUCTIONS										
<p>226. NO FROM:</p> <p>228. SW258 TO:</p> <p>229. 2750</p> <p>230. SE3302</p> <p>231. FTC-31</p> <p>401. START 50 KB AUTOSEVOCOM CKT BTWN FT MCPHERSON SECORD AND MACDILL AFB. USER WILL ACCEPT EARLIEST DATE POSSIBLE</p> <p>402. LOIS TOWNS, AUTOVON 588-2938, COML 404-752-2938</p> <p>405. NO DPA REQUIRED. REQUIREMENT IS TO BE SATISFIED USING FTS 2000.</p> <p>409. FTMCPSN/13/SVS/AS88-2938</p> <p>417. THIS RQMT IS EXEMPT FROM FCC PART 68 PER DOCKET 78-331. EQUIPMENT TO BE INSTALLED COMPLIES WITH THE TECH RQMTS OF FCC PART 68. INSTALLATION WILL NOT HARM THE PUBLIC SWITCHED NETWORK OR TELEPHONE COMPANY EMPLOYEES AND WILL BE ACCOMPLISHED BY OR UNDER THE SUPERVISION OF QUALIFIED PERSONNEL. THIS RQMT IS IN THE INTEREST OF NATIONAL DEFENSE.</p> <p>430. 072</p> <p>431. D</p> <p>437A. CPIWI-YES/CPIWM-YES</p> <p>437B. CPIWT-YES/CIPWM-YES</p>											
DISTR:											
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS					
RELEASEE	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE						SECURITY CLASSIFICATION			DATE TIME GROUP	
	SIGNATURE						UNCLASSIFIED				

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PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
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Figure 2-4. Sample of a completed DDN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMF	CIC	ORIG-MSG IDENT
	DATE - TIME	MONTH	YR.	ACT	INFO					
05 of 05				RR		UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>REPORTED BY THE DDN NETWORK OPERATIONS CENTER (NOC).</p> <p>409. FTBNRSN⁷⁹18/DDP/D699-3608.</p> <p>411. SECURITY CLEARANCE IS/IS NOT REQUIRED. POC WILL PROVIDE ESCORT.</p> <p>417. A. THIS RFS PROV FOR DDN CONNECTIVITY FOR A TEP IN SPT OF THE PBAS SYS TMLS PRIMARILY LOC IN GERMANY, KOREA, AND JAPAN</p> <p>B. I, JOHN DOE, CDR, COL, CERTIFY AN LPA HAS BEEN ACCOMPLISHED IAW USAISC POLICY.</p> <p>430. 060</p> <p>431. D</p> <p>437A. CPIWI-YES/CPIWM-YES</p> <p>440A. WILL NOT LEAK</p> <p>501. JUSTIFICATION FOR SVC. IF EXISTING SVC, PROV ACTUAL TFC CHARACTERS FOR TRANSMISSION AND RECEIVE. IF NEW SVC, PROV TRFC ESTIMATES.</p> <p>PART 2</p> <p>101. AFC0CT840019</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELEASEE	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

DD FORM 173/2 (OCR)
1 MAR 79

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
SN 0102-LF-000-1738

Figure 2-4. Sample of a completed DDN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT
01 OF 05	DATE - TIME	MONTH	YR	ACT	INFO	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>FROM: CDRV7II CORPS MOERHINGEN GE//AETSCE//</p> <p>TO: CDR5THSIGCOMD WORMS GE//ASQE-OP-ACE//</p> <p>CINCUSAREUR HEIDELBERG GE//AEAIM-PA//</p> <p>INFO DIRUSARCCO RFS-TSR TRAFFIC FT HUACHUCA AZ//ASQA-DN//</p> <p>CDR69THSIGBN AUGSBURG GE//ASQE-Y-N//</p> <p>CDRDMC 1STARMDDIV FUERTH GE//AETS-KGF//</p> <p>CDR535THSIGCO NUERNBERG GE//OPNS//</p> <p>CDR160THSIGBDE KARLSRUHE GE//ASQE-Y-0CC//</p> <p>CDR1STARMDDIV ANSBACH GE//AETS-KSB-X//</p> <p>CDR2DFSB ERLANGEN GE//AETS-KSC-T//</p> <p>CDRCOD123DMANTBN ERLANGEN GE//AETS-KSC-0//</p> <p>UNCLAS</p> <p>SUBJ: REQUEST FOR SERVICE</p> <p>A. UNCLAS DA PAM 25-5</p> <p>101. EURJUL848569 (NOTE: THIS IS A TYPICAL EXAMPLE.</p> <p>102. 00 IT SHOULD NOT BE COPIED VERBATIM</p> <p>103. START FOR EVERY PDN START.)</p> <p>104. CIRCUIT AND EQUIPMENT/SINGLE VENDOR</p> <p>105. PDN</p> <p>106. 150600Z APR 89</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL, AND PHONE					SECURITY CLASSIFICATION				
	SIGNATURE									
						UNCLASSIFIED				

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PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
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Figure 2-5. Sample of a completed PDN RFS

JOINT MESSAGEFORM						SECURITY CLASSIFICATION					
						UNCLASSIFIED					
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT.	
	DATE	TIME	MONTH	YR	ACT						INFO
02 of 05					RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS										
<p>1068. 150600Z APR 89</p> <p>107. UVRDPDN^{TO}:</p> <p>108. VR</p> <p>109. 4F</p> <p>110. FULL DUPLEX</p> <p>111. 4.8KB</p> <p>112. FULL PERIOD</p> <p>115. NO SIGNALING</p> <p>116. NEW LEASE</p> <p>117. 2U1BAZ</p> <p>118. NO</p> <p>120A. ERLANGEN</p> <p>121A. GE</p> <p>122A. 4</p> <p>123A. ASM</p> <p>124A. FERRIS BARRACKS, BLDG 4053</p> <p>125A. COMPUTER ROOM</p> <p>126A. HONEYWELL DPS6/48</p> <p>127A. UNSECURE</p> <p>128A. SYNCHRONOUS, X 21 INTERFACE, FULL DUPLEX, 4800 DPS, DTSX-L1</p> <p>DISTR:</p>											
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS					
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE					SECURITY CLASSIFICATION					
	SIGNATURE										DATE TIME GROUP
						UNCLASSIFIED					

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1986
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Figure 2-5. Sample of a completed PDN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT
	DATE-TIME	MONTH	YR	ACT	INFO					
03 of 05				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>DBP TO ^{FROM} PROVIDE COMPATIBLE DIAL MODEM AT USER LOCATION</p> <p>127A. 4W TO:</p> <p>130A. LT GALLANGER, DDD: 2631-723, CIV: 09131-83-727</p> <p>131A. CDR, 2D FSB, ATTN: AETA-KSC-T, ERLANGEN GE APO 09066</p> <p>132A. CCL/ERLANGEN/ASM/FERRIS BKS/BLDG 4053/PUP NO. E009</p> <p>1208. UNDETERMINED PDN NODE</p> <p>152. 486DA052</p> <p>352. DAM995004000</p> <p>401. START PERMANENT 4W DIAL-UP 4800 BPS DATA CIRCUIT INTER-CONNECTING TO DATEX-L (DATEX-P) SWITCHED PUBLIC DATA NETWORK</p> <p>402. SSG GETCHELL, AUTOVON 393-7687; DDD 2421-7687; COML 06241-48-7687</p> <p>404A. DBP TO EXTEND DATEX-L CONNECTION DIRECTLY TO GFE, ITEM 126A</p> <p>407A. DBP TO PROVIDE DIAL-UP 4800 BPS MODEM COMPATIBLE WITH DATEX-L AND GFE, ITEM 126A</p> <p>409. ERLANGEN/GE/ASM/A393-7687</p> <p>411. SECURITY CLEARANCE IS REQUIRED. ESCORT WILL BE PROVIDED</p> <p>414. MODEM DBP PROVIDED/HOST COMPUTER FTZ 029980 (HONEYWELL DPS6/48)</p> <p>416. \$1950.00</p> <p>417. A. DATEX-L SERVICE IS THE SELECTED INTERIM SERVICE PENDING</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASEE	TYPED NAME, TITLE, OFFICE SYMBOL, AND PHONE									
	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
					UNCLASSIFIED					

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
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Figure 2-5. Sample of a completed PDN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION					
						UNCLASSIFIED					
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MBO IDENT.	
	DATE	TIME	MONTH	YR.	ACT						INFO
04 of 05					RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS										
<p>AVAILABILITY OF DDN.</p> <p>B. CPT RICH, DMMC 1ST SRMD DIV, ATTN: AETS-KSC-MH, FURTH, APO 09056, DDD: 2624-813/603, CIV: 0911-700-813/603 WILL ACCEPT ACCESS CODES ISSUED BY THE DBP.</p> <p>C. DEVON IS TO BE USED AS FIRST FIVE CHARACTERS OF NETWORK ACCESS CODES ISSUED BY THE DBP.</p> <p>D. TML CALL NUMBER IS NOT TO BE LISTED IN DBP DATEX DIRECTORY.</p> <p>E. POC FOR GFE DTE MAINT IS SCOTT TRUGEY, HONEYWELL CORP, REDTEMBACHER STR. 9, 6900 HEIDELBERG, COML: 06221-300093.</p> <p>F. FUNDING RESPONSIBILITY/POC IS CPT CAMPBELL, 1ST ARMD DIV, ATTN: AETA-KGF, APO NY 09326, DDD: 2671-8332/8489, COML: 0981-813-8332/8489.</p> <p>G. SERVICE DATE IN LINE 106 IS FOR LEADTIME PURPOSES, USER WILL ACCEPT SERVICE ASAP.</p> <p>H. THIS SYSTEM SHOULD BE REPLACED BY ULLS. IF NOT, THE USER WILL PROVIDE DDN INTERFACE PRIOR TO DDN WAIVER EXPIRATION.</p> <p>I. POC 1ST ARMD DIV IS CPT DEVOL, ABH, DDD: 2671-8393/8311.</p> <p>J. I, JOHN DOE, CDR, COL, CERTIFY AN LPA HAS BEEN ACCOMPLISHED</p> <p>TAW USAISC POLICY</p>											
DISTR:											
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS					
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE											
RELEASER	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP		
						UNCLASSIFIED					

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
SN 0102-UF-000-1736

Figure 2-5. Sample of a completed PDN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT.
	DATE - TIME	MONTH	YR.	ACT	INFO					
05 of 05				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>420. CPT CAMPBELL, 1ST ARMD DIV, ATTN: AETS-KGF, APO NY 09326, DDD: 2671-8332/8489, COML: 0981-813-8332/8489.</p> <p>429. CARRIER SHOULD PROVIDE THE CIRCUIT CONDITIONING REQUIRED, IF ANY, TO SUPPORT THE SERVICE REQUESTED HEREIN.</p> <p>430. 060</p> <p>431. D</p> <p>437A. CPIWI-YES/CPIWM-NO</p> <p>440A. INTERNATIONAL MIETLEITUNG</p> <p>440B. INTERNATIONAL MIETLEITUNG</p> <p>501. THE PURPOSE OF THIS SEWBOS TELECOMMUNICATIONS NETWORK IS TO LINK THE FORWARD SUPPORT UNITS (FSU) TO THE CLASS IX WAREHOUSE. THIS ENABLES THE CLASS IX COMPUTER TO CONTACT THE FSU COMPUTERS AND POLL THEM TO SUBMIT DAILY REQUISITIONS. THIS WOULD ALSO ALLOW CLASS IX TO PROVIDE THE FSU'S A STOCKAGE LIST FROM THE WAREHOUSE.</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELEASER	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
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Figure 2-5. Sample of a completed PDN RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG MSG IDENT.
	DATE-TIME	MONTH	YR	ACT	INFO					
01 of 05				RR	RR	UUUUU			DJRT	7
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>FROM: CDRUSAISCSIGBN FT RUCKER AL//ASQNB-RUC-B//</p> <p>TO: CDRUSAISC TRADOC FT MONROE VA//ASQNB-OP//</p> <p>INFO DIRUSARCCO RFS-TSR TRAFFIC FT HUACHUCA AZ//ASQA-DN//</p> <p>CDRTRADOC FT MONROE VA//ATCE//</p> <p>DIRPLANS AND TRAINING FT RUCKER AL//ATZQ-PT-AM//</p> <p>UNCLAS</p> <p>SUBJ: REQUEST FOR SERVICE</p> <p>A. UNCLAS DA PAM 25-5</p> <p>101. TBD (NOTE: THIS IS A TYPICAL EXAMPLE.</p> <p>102. 00 IT SHOULD NOT BE COPIED VERBATIM</p> <p>103. START FOR EVERY DEDICATED VOICE START.)</p> <p>104. CIRCUIT ONLY/SINGLE VENDOR</p> <p>105. DEDICATED</p> <p>106A. 271800Z DEC 88</p> <p>106B. 271800Z DEC 88</p> <p>107. UTLV</p> <p>108. TL</p> <p>109. 3A</p> <p>110. FULL DUPLEX</p> <p>111. 2KH VOICE</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELEASE	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

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PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
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Figure 2-6. Sample of a completed RFS for dedicated voice service

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMF	CIC	ORG-MSG IDENT.
	DATE - TIME	MONTH	YR.	ACT	INFO					
02 of 05				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>112. FULL PERIOD</p> <p>115. 1 WAY DPAL</p> <p>116. NEW LEASE</p> <p>117. BBAYSH</p> <p>118. NO</p> <p>119D. NO</p> <p>120A. FTRUCKER</p> <p>121A. 01</p> <p>122A. C</p> <p>123A. RDV</p> <p>124A. 5907</p> <p>125A. TECH SVCS DEPT</p> <p>126A. GFE TELSET</p> <p>127A. UNSECURE</p> <p>128A. STANDARD TELCO LEVELS</p> <p>129A. 2W</p> <p>130A. ANNE FOREMAN, AUTOVON 558-5018; COML 205-255-5018</p> <p>131A. CDR, USAISC SIG BN, ATTN: ASQNB-RUC-B, FT RUCKER, AL 36362-5000</p> <p>139A. 205-255</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE									
	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
SN 0108-LF-009-1726

Figure 2-6. Sample of a completed RFS for dedicated voice services —Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMF	CIC	ORIGMSG IDENT
	DATE - TIME	MONTH	YR	ACT	INFO					
03 of 05				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>1208. FTRUCKER FROM</p> <p>1218. 01 TO:</p> <p>1228. C</p> <p>1238. RDV</p> <p>1248. 212</p> <p>1258. LIBRARY RM</p> <p>1268. GFE TELSET</p> <p>1278. UNSECURE</p> <p>1288. STANDARD TELCO LEVELS</p> <p>1298. 2W</p> <p>1308. MR. WARTMAN, AUTOVON 558-6093/5010; COML 205-255-6093/5010</p> <p>1318. AVIATION TECHNICAL LIBRARY, BLDG 212, FT RUCKER, AL, 36362-5000</p> <p>1398. 205-255</p> <p>120C. MONTGMRY</p> <p>121C. 01</p> <p>122C. C</p> <p>123C. DTE</p> <p>124C. EXCHANGE 265</p> <p>125C.</p> <p>126C.</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELEASER	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

DD FORM 1 MAR 79 173 2 (OCR)

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Figure 2-6. Sample of a completed RFS for dedicated voice services—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION UNCLASSIFIED					
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT.	
	DATE - TIME	MONTH	YR	ACT	INFO						
04 of 05				RR	RR	UUUU			DJBT	Z	
BOOK	MESSAGE HANDLING INSTRUCTIONS										
<p>029C. 2W FROM:</p> <p>031C. MONTGOMERY TELEPHONE EXCHANGE, MONTGOMERY, AL</p> <p>039C. 205-265</p> <p>401. START FX CKT BTWN MONTGOMERY EXCHANGE 265 (OPEN END) AND FT RUCKER (CLOSED END). CKT IS TO TERMINATE INTO TWO GFE TELSETS IN BLDGS 59071 TECH SVC DEPT AND 2121 LIBRARY RM AT FT RUCKER. CKT TO HAVE OUTGOING DIAL ONLY FOR FT RUCKER (CLOSED END) WITH TOLL RESTRICTIONS.</p> <p>402. MR. WILLIAM MONCRIEF, AUTOVON 558-6607; COML 205-255-6607/3249</p> <p>405. NO DPA REQUIRED-REQUIREMENT IS TO BE SATISFIED USING FTS 2000.</p> <p>409. FT RUCKER/01/RDV/A558-5018</p> <p>411. SECURITY CLEARANCE IS NOT REQUIRED.</p> <p>417. A. CUSTOMER WILL ACCEPT EARLIEST POSSIBLE SVC DATE B. THIS CKT IS TO REPLACE EXISTING CKT SCB BOX 04611/UTLV7E0E BTWN FT RUCKER/BIRMINGHAM. THIS ACTION WILL RESULT IN A COST SAVINGS OF APPROX \$1200 ANNUALLY</p> <p>430. 060</p> <p>431. D</p> <p>437A. CPIWI-N0/CPIWM-N0</p> <p>437B. CPIWI-N0/CPIWM-N0</p>											
DISTR:											
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS					
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE											
RELEASER	SIGNATURE						SECURITY CLASSIFICATION UNCLASSIFIED		DATE TIME GROUP		

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
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Figure 2-6. Sample of a completed RFS for dedicated vice services—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CC	ORIG-MSG IDENT.
	DATE-TIME	MONTH	YR.	ACT	INFO	UUUU			DJBT	Z
05	of	05		RR	RR					
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>440A. WILL FRONT LEAK</p> <p>440B. WILL NOT LEAK</p> <p>501. JUSTIFICATION FOR SVC.</p> <p>515A. 863 87E-62298-TE-R</p> <p>516A. 1.05</p> <p>517A. 9.0F</p> <p>518A. 0L13A</p> <p>515B. 863 87E-62298-TE-R</p> <p>516B. 1.05</p> <p>517B. 9.0F</p> <p>518B. 0L13A</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELEASER	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

DD FORM 1 MAR 79 173/2 (OCR)

PREVIOUS EDITION IS OBSOLETE AS OF 1 JAN 1980
SN 0102-UF-000-1738

Figure 2-6. Sample of a completed RFS for dedicated voice services—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMF	DIC	ORIG-MSG IDENT.
	DATE - TIME	MONTH	YR.	ACT	INFO					
01 of 04				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>FROM: DIRUSAISC NCAD NEW CUMBERLAND PA//ASQNC-PP//</p> <p>TO: CDRUSAISC AMC ALEXANDRIA VA//ASQNC-OT//</p> <p>INFO CDRUSAISC WSMR NM//ASQNC-GG//</p> <p>DIRUSARCCO RFS-TSR-TRAFFIC FT HUACHUCA AZ//ASQA-DN//</p> <p>UNCLAS</p> <p>SUBJ: REQUEST FOR SERVICE</p> <p>A. UNCLAS DA PAM 25-5</p> <p>101. TBD (NOTE: THIS IS A TYPICAL EXAMPLE.</p> <p>102. DD IT SHOULD NOT BE COPIED VERBATIM</p> <p>103. START AND EVERY DEDICATED DATA START.)</p> <p>104. CIRCUIT ONLY/SINGLE VENDOR</p> <p>105. DEDICATED</p> <p>106A. 011800Z MAR 88</p> <p>106B. 011800Z MAR 88</p> <p>107. USDD</p> <p>108. SD</p> <p>109. 3C</p> <p>110. FULL DUPLEX</p> <p>111. 9.6KB</p> <p>112. FULL PERTAD</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELEASER	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

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Figure 2-7. Sample of a completed RFS for dedicated data service

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMF	CIC	ORIGMSG IDENT.
	DATE - TIME	MONTH	YR.	ACT	INFO					
02 of 04				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>115. NO SIGNALING</p> <p>116. NEW LEASE</p> <p>117. B JAV</p> <p>118. NO</p> <p>119D. NO</p> <p>120A. NCMBRLND</p> <p>121A. 42</p> <p>122A. B</p> <p>123A. ADP</p> <p>124A. 54</p> <p>125A. BAY 5, COMPUTER ROOM</p> <p>126A. SPERRY 5000/80</p> <p>127A. UNSECURE</p> <p>128A. GFE, 9.6KB MODEM, SYNC, RS-232C, STD TELCO LEVELS</p> <p>129A. 4W</p> <p>130A. B. SMART, AUTOVON: 432-1598; COML (607) 412-1598</p> <p>131A. NEW CUMBERLAND ARMY DEPOT, ATTN: SDCA-CT, NEW CUMBERLAND, PA 17070-5000</p> <p>139A. 607-412</p> <p>1200. WHITSNDS</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELEASER	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
						UNCLASSIFIED				

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Figure 2-7. Sample of a completed RFS for dedicated data service—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CC	ORIG-MSG IDENT
	DATE - TIME	MONTH	YR	ACT	INFO					
03 of 04				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>1218. 35 FROM:</p> <p>1228. 8 TO:</p> <p>1238. WSM</p> <p>1248. 1624</p> <p>1258. 222</p> <p>1268. SPERRY 5000/80</p> <p>1278. UNSECURE</p> <p>1288. GFE 9.6KB MODEM, SYNC, RS-232C, STD TELCO LEVELS</p> <p>1298. 4W</p> <p>1308. 8. KOOL, AUTOVON 145-1666; COML 315-992-1666</p> <p>1318. COMMANDER, EAWAL, ATTN; SLCBB-GL, WHITE SANDS MISSILE RANGE, NM 88802-5513</p> <p>1398. 315-992</p> <p>152. 297DA231</p> <p>352. DAT616191</p> <p>401. RFS ISSUED TO START A 9.6KB CKT BTWN SVC POINTS.</p> <p>402. L. SMITH, AUTOVON 815-7777; COML 135-984-7777</p> <p>405. NO DPA REQUIRED. REQUIREMENT IS TO BE SATISFIED USING FTS 2000.</p> <p>409. NCMBRLND/42/ADP/A432-159A</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE					SECURITY CLASSIFICATION UNCLASSIFIED				
	SIGNATURE									

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Figure 2-7. Sample of a completed RFS for dedicated data service—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG/MSG IDENT.
	DATE - TIME	MONTH	YR.	ACT	INFO					
04 of 04				RR	RR	UUUU			DJBT	Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>417. A. FROM WILL PROVIDE MODEMS AND CABLES FOR THIS RQMT</p> <p>B. THIS RQMT HAS BEEN REVIEWED AND APPROVED FOR FUNDING UNDER THE DCP CONCEPT BY THE RESPONSIBLE MACOM.</p> <p>C. THIS REQUIREMENT HAS BEEN REVIEWED BY THE PROPER FUNDING AUTHORITY, TAKING INTO CONSIDERATION GRAMM-RUDMAN-HOLLINGS, HOUSE APPROPRIATIONS, AND HQDA APPLIED REDUCTIONS, AND IS APPROVED FOR IMPLEMENTATION UNDER THE DCP PROGRAM.</p> <p>430. 024</p> <p>431. D</p> <p>437A. CPIWI-YES/CPIWM-YES</p> <p>437B. CPIWI-YES/CPIWM-YES</p> <p>440A. WILL NOT LEAK</p> <p>440B. WILL NOT LEAK</p> <p>501. SVC REQUIRED FOR THE PROCESSING OF RETROGRADE, LOGISTICAL MATERIAL INFORMATION AND NO OTHER ASSET IS AVAIL TO SATISFY THIS REQUIREMENT. (INCLUDE TRAFFIC ESTIMATES TO JUSTIFY CKT SPEED.)</p>										
DISTR:										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE									
	SIGNATURE					SECURITY CLASSIFICATION			DATE TIME GROUP	
					UNCLASSIFIED					

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Figure 2-7. Sample of a completed RFS for dedicated data service—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASE TIME			PRECEDENCE		CLASS	SPECAT	LMP	CIC	ORIG-MSG IDENT.
	DATE-TIME	MONTH	YR	ACT	INFO					
01	01	MON	YR	RR	RR	UUUUU				7
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>FROM: CDRUSAISC FT RUCKER AL//ASQNB-RUC-OSI//</p> <p>TO: CDRUSAISC TRADOC FT MONROE VA//ASQNB-IOP//</p> <p>INFO DIRUSARCCO RFS-TSR TRAFFIC FT HUACHUCA AZ//ASQA-DS//</p> <p>UNCLAS</p> <p>SUBJ: REQUEST FOR SERVICE</p> <p>A. UNCLAS DA PAM 25-5</p> <p>B. UNCLAS DCAC 310-65-1</p> <p>101. TBD</p> <p>102. 00</p> <p>103. START</p> <p>104. CIRCUIT ONLY/SINGLE VENDOR</p> <p>105. WATS</p> <p>106A. 180800Z JUL 90</p> <p>106B. 180800Z JUL 90</p> <p>107. 1A</p> <p>110. FULL DUPLEX</p> <p>111. 3KH VOICE</p> <p>112. FULL PERIOD</p> <p>115. DTMF</p> <p>116. USTS C 08003 OR NEW LEASE</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
RELEASEE	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE									
	SIGNATURE					SECURITY CLASSIFICATION		DATE TIME GROUP		
					UNCLASSIFIED					

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Figure 2-8. Sample of a completed WATS RFS

JOINT MESSAGEFORM							SECURITY CLASSIFICATION			
							UNCLASSIFIED			
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMP	CC	ORIGMSG IDENT.
	DATE - TIME	MONTH	YR.	ACT	INFO					
02 of 04		MON	YR	RR	RR	UUUU				Z
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>117. BG3YT8FROM:</p> <p>119D. NO TO:</p> <p>120A. FTRUCKER</p> <p>121A. 01</p> <p>122A. C</p> <p>123A. DTE</p> <p>124A. BLDG 141</p> <p>125A. 1ST FLOOR, DCO</p> <p>126A. NORTHERN TELECOM SL-1XN</p> <p>128A. LOOP START, VENDOR PROVIDED RJ11C</p> <p>129A. 2W</p> <p>130A. PRI POC: MR MOSKUS, AUTOVON 879-7934; COML 602-538-7934. ALT POC: MR KNIGHT, AUTOVON 879-7902; COML 602-538-7902.</p> <p>131A. CDR, USAISC-FT RUCKER, ATTN: ASQNB-ZQR, FT RUCKER, AL 36362-5298.</p> <p>139A. 602-538</p> <p>401. INSTALL 1 CONUS 800 CIRCUIT.</p> <p>402. MR MOSKUS, USAISC-FT RUCKER, AUTOVON 879-7934; COML 602- 538-7934.</p> <p>405. BLANKET GSA DPA - REQUIREMENT DOES NOT EXCEED \$1M ANNUALLY.</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE							SPECIAL INSTRUCTIONS			
RELEASER	TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE									
	SIGNATURE						SECURITY CLASSIFICATION		DATE TIME GROUP	
						UNCLASSIFIED				

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Figure 2-8. Sample of a completed WATS RFS—Continued

JOINT MESSAGEFORM						SECURITY CLASSIFICATION				
						UNCLASSIFIED				
PAGE	DTG/RELEASER TIME			PRECEDENCE		CLASS	SPECAT	LMF	QC	ORIG-MSG IDENT
	DATE - TIME	MONTH	YR	ACT	INFO					
03 OF 04		MON	YR	RR	RR	UUUUUU				7
BOOK	MESSAGE HANDLING INSTRUCTIONS									
<p>409. FTRUCKER/DTE/A879-7934</p> <p>410A. BLDG 141</p> <p>417. A. NARRATIVE REMARKS WHICH WILL HELP TO CLARIFY THE REQUEST. B. PROVIDE DCP STATEMENT: THIS RQMT HAS BEEN REVIEWED BY THE PROPER FUNDING AUTH, TAKING INTO CONSIDERATION GRAMM-RUDMAN-HOLLINGS, HOUSE APPROPRIATION COMMITTEE AND HQDA APPLIED REDUCTIONS, AND IS APPROVED FOR IMPLEMENTATION UNDER THE DCP PROGRAM.</p> <p>420. CDR, USAISC-FT RUCKER, ATTN: ASQNB-ZQR, FT RUCKER, AL 36362-5298.</p> <p>430. ESTIMATED SERVICE LIFE. (NOT TO EXCEED 120 MONTHS)</p> <p>431. N</p> <p>436. 30 HOURS MONTHLY USAGE, CONUS COVERAGE.</p> <p>437A. CPIWI-N0/CPWM-N0</p> <p>438. NONE</p> <p>440. WILL LEAK</p> <p>501. PROVIDE JUSTIFICATION FOR THE REQUESTED SERVICE.</p> <p>515A. AB6982-14234-MF-E (NOTE: 515A THRU 518A ARE NEEDED IF</p> <p>516A. 1.0A (SEE NOTE) SERVICE WILL TERMINATE AT THE</p> <p>517A. 9.0E (SEE NOTE) SWITCHBOARD. THESE ITEMS ARE NOT</p> <p>DISTR:</p>										
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL, PHONE						SPECIAL INSTRUCTIONS				
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE										
RELEASER	SIGNATURE					SECURITY CLASSIFICATION		DATE TIME GROUP		
						UNCLASSIFIED				

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Figure 2-8. Sample of a completed WATS RFS—Continued

Chapter 3 Preparing Service Documentation

Section I Introduction

3-1. General

This chapter describes in detail how to complete the forms and documents required for obtaining leased, long-haul service. The types of service requested can be broken down into three broad categories; long-haul, FTS 2000, and PDN services, with specific procedures for each.

3-2. Long-haul

Long-haul services encompass the majority of requirements. They include AUTODIN, AUTOVON, AUTOSEVOCOM, DCTN, DSN, DDN, dedicated (voice and data), WATS, FTS 2000, and most PDN. The RFS is the correct format for obtaining these services. Instructions for completing an RFS are in section II and appendix C.

3-3. Federal Telecommunications System 2000

The RFSs are transmitted electronically by the requester's local DOIM to the validating authority with an information copy to the USARCCO. Samples of RFSs for FTS 2000 are in chapter 2. (See fig 2-1 thru 2-8).

3-4. Public Data Network

All PDN services require an RFS submission. Instructions for preparing a PDN RFS are in section IV.

Section II Preparing a Request for Service

3-5. General

These RFS procedures are used by all DA and other designated activities to identify operationally validated leased or Government-owned, long-haul telecommunications requirements to the TCO, USARCCO, for appropriate action. The USARCCO, using the information provided in the RFS, completes a TSR, which is forwarded to the DCA community.

a. For services described in this pamphlet, the requester or user will—

(1) Submit operational telecommunications requirements to the designated USAISC supporting or area DOIM that submits the RFS. The requirement must provide sufficient information to allow the USAISC supporting or area DOIM to determine the best means to operationally and economically satisfy the requirement.

(2) Provide the USAISC supporting or area DOIM all nontechnical information, to include full justification for the service. Requests for transoceanic services initiated in an oversea location will be processed through the appropriate theater supporting or area DOIM. The justification, as a minimum, must contain the following:

(a) A full explanation of how the service will be used.

(b) An explanation of the specific functions, missions, or tasks assigned to the requester that the service will support.

(c) An explanation of why current service is not satisfactory if the requirement is currently being met by other means. If the service is being satisfied by commercial toll calls, a copy of the billing invoices for the preceding 3-month period will be provided.

(d) Actual or estimated traffic figures.

b. The USAISC supporting or area DOIM will review the requirement to—

(1) Ensure it has been identified and approved in the Information Management Plan or is being processed as a valid out-of-cycle requirement.

(2) Identify funding requirements in accordance with chapter 8.

c. The DCSIM will review the RFS to ensure it is complete and all pertinent items have been addressed. If the RFS is insufficient or incomplete, the DCSIM will return the RFS to the DOIM for compliance with these procedures. If the RFS is complete, the DCSIM will validate the RFS by AUTODIN message to the USARCCO. The message will—

(1) Reference the basic RFS.

(2) Assign a validation or RFS number according to paragraph 3-6.

(3) Request the USARCCO to take the RFS for action.

d. The USARCCO, as the Army TCO, will perform an ME on each requirement. The MEs provide—

(1) Analysis of a requirement to ensure selection of that communications service that is the most economical, operationally satisfactory, technically feasible, and consistent with Army objectives and practices.

- (2) Assurance that a requirement for leased communications service is justified and will endure external audits.
- (3) A cost estimate for the service to be provided.

3-6. Request for service numbering structure

a. An RFS number traces a telecommunications requirement until a TSR number is assigned by the TCO. The assignment of an RFS number by a DCSIM, or authorized representative, indicates the requirement has been validated.

b. The organizations identified in table 3-1 will—

- (1) Develop RFS numbering plans according to paragraph 3.6c below.
- (2) Assign RFS numbers to each RFS issued to the USARCCO. The USARCCO will list the RFS numbers in item 514 of the TSRs.

c. The RFS number consists of four data fields without separators, which form one 13-character data set.

(1) The first field consists of three alpha characters that identify the validation agency as shown in table 3-1.

(2) The second field consists of five alphanumeric characters that identify the date of issue. This group consists of the abbreviation for the issue month and the last two digits of the calendar year.

(3) The third field consists of four digits that comprise the control number. Control numbers are assigned serially starting with 0001 for the first RFS issued for the fiscal year. For example, the first RFS issued in October 1990 by USAISC Forces Command (FORSCOM) will be FOROCT900001; the second RFS will be FOROCT900002; and so forth. The RFS number may be modified by using a letter code in the first position of the control number to identify subordinate activities or to indicate self-validation. Self-validation is further discussed in paragraph 3-7. For example, INSOCT90TO75 is an INSCOM RFS number with the letter “T” representing INSCOM field stations. The code is listed in table 3-2.

(4) The last field consists of one alpha character that is used only when the RFS is amended or canceled. The character will be assigned sequentially for each amendment to the basic RFS using “A” through “X”. The character “Z” will be used only for cancel RFSs.

(5) Urgent and emergency suffixes are referred to in paragraphs 3-10 and 3-11.

3-7. Self-validation authority

a. Table 3-3 lists organizations that have been given self-validation authority by the DCSIM, and their codes indicate the unique first position in the third field of the RFS number.

b. The DOIMs at those subordinate organizations assume the responsibilities of the DCSIM as discussed in paragraph 3-5c. In these instances, the DOIMs will still submit the RFS to their respective DCSIMs with an information copy to the USARCCO. If an appropriate self-validation RFS number is assigned by the DOIM and contained in item 101 of the RFS, the USARCCO will automatically take the RFS for action. The DCSIM will maintain overall control in managing telecommunications requirements, however, and may instruct the USARCCO by message to either hold the RFS or cancel the requirement.

3-8. Amending requests for service

a. An amended RFS is used to request a change to a previously validated RFS. It may not be used to change the basic RFS after an in-effect report has been submitted. (See chap 5.) (Changes after the initial RFS has been completed are treated as new requirements and a new RFS must be submitted.) In item 101 of the RFS, insert the original 12-character RFS number. For the first change, add “A”; for the second change, add “B”; and so forth.

b. In an amended RFS, provide only those items that require amending and those required to identify the service (101, 103, 106, and so forth). These should be repeated from the original RFS with substitution of amended or “new” information where it applies. If a TSR has been submitted for the requested service, list the TSR number in item 417 to assist the USARCCO account manager in identifying the action. Include a full explanation of the changes in item 401.

3-9. Service leadtimes

a. The standard mandatory leadtimes for processing a routine RFS are shown in table 3-4. These leadtimes are the standard interval normally required for USARCCO to provide service based on availability of equipment and facilities. The leadtimes on the RFS must reflect the standard interval unless the requirement is urgent or an emergency. (See paras 3-10 and 3-11.)

b. The leadtime is a composite of—

- (1) The time required for processing a requirement through USARCCO, DCA, DECCO, GSA, and other procurement activities.
- (2) The standard interval required by the carrier or vendor to provide the required service.

c. RFS preparers will consider leadtimes when establishing service dates for requirements. Incomplete or inaccurate RFSs cause delays that could result in insufficient time to meet the requested service date. Therefore, the USARCCO can establish a new service date based upon the leadtimes in table 3-4. Users should be aware that even though

standard leadtimes have been provided, vendors and carriers do not guarantee that service will be provided on that specified date.

3-10. Urgent requirements

Occasionally, critical requirements surface and sufficient time is not available to process the requirement under the normal mandatory leadtimes and still meet the required service date. (See para 3-9.) The commander, or his or her designated representative, of the requesting activity's MACOM will certify these requirements as mission essential in item 417 of the RFS. The word "URGENT" will be included one space after the RFS number. When an urgent RFS is submitted to the USARCCO for a leasing action, the requesting activity will authorize overtime and expediting charges in item 118 of the RFS. Poor planning is not a valid reason for requesting urgent action. Although there is no standard charge for expediting a requirement or payment of overtime, normally the charge is proportionate to the number of days the service is expedited based on the standard leadtimes. Traditionally, these charges run extremely high. An urgent requirement does not guarantee that service will be provided by the requested date; therefore, commanders should use caution when declaring a requirement urgent. Payment of these charges often gains only a week or just days over the scheduled mandatory leadtimes.

3-11. Telecommunications service priority (TSP) system for national security emergency preparedness (NSEP)

a. The TSP system for NSEP has been developed to ensure priority treatment to the nation's most important telecommunication services. It replaces the RP system. Only the telecommunication services that qualify as NSEP are eligible for TSP assignments. Two specific categories of requirements, emergency and essential, fall under the NSEP purview.

(1) Telecommunication services in the emergency NSEP category are those new services so critical as to be required to be provisioned at the earliest possible time without regard to the costs of obtaining them. To qualify, the service must meet the criteria of directly supporting or resulting from at least one of the following NSEP functions.

- (a)* Federal government activity responding to a presidentially declared disaster or emergency.
- (b)* State or local government activity responding to a presidentially, state, or locally declared disaster or emergency.
- (c)* Response to a state of crisis declared by the National Command Authorities (e.g., exercise of presidential war emergency powers).
- (d)* Efforts to protect endangered U.S. personnel or property.
- (e)* Response to an enemy or terrorist action, civil disturbance, natural disaster, or any other unpredictable occurrence that has damaged facilities whose uninterrupted operation is critical to NSEP or the management of other on-going crises.
- (f)* Certification by the head or director of a federal agency, commander of a unified/specified command, chief of a military service, or commander of a major military command, that the telecommunications service is so critical to protection of life and property or to NSEP that it must be provided immediately.

(g) A request from an official authorized pursuant to the Foreign Intelligence Surveillance Act.

(2) Telecommunications service in the essential NSEP category are those services required to be provisioned by due dates specified by the user, or restored promptly, normally without regard to associated overtime or expediting costs. To qualify, the service must meet the criteria in one of the following subcategories.

(a) National security leadership. This subcategory will be strictly limited to only those services essential to national survival if nuclear attack threatens or occurs, and critical orderwire and control services necessary to ensure the rapid and efficient provisioning or restoration of the NSEP telecommunication services. Services in this subcategory are those for which a service interruption of even a few minutes would have serious adverse impact upon the supported NSEP function.

(b) National security posture the U.S. population attack warning. This subcategory covers those minimum additional telecommunication services essential to maintaining an optimum defense, diplomatic, or continuity-of-government posture before, during, and after crisis situations. Such situations are those ranging from national emergencies to international crises, including nuclear attack. Services in this subcategory are those for which a service interruption ranging from a few minutes to one day would have serious adverse impact upon the supported NSEP function.

(c) Public health, safety, and maintenance of Law and Order. This subcategory covers the minimum number of telecommunication services necessary for giving civil alert to the U.S. population and maintaining law and order and the health and safety of the U.S. population in times of a national, regional, or serious local emergency. These services are those for which a service interruption ranging from a few minutes to one day would have serious adverse impact upon the supported NSEP functions.

(d) Public welfare and maintenance of national economic posture. This subcategory covers the minimum number of telecommunication services necessary for maintaining the public welfare and national economic posture during any national or regional emergency. These services are those for which a service interruption ranging from a few minutes to one day would have serious adverse impact upon the support NSEP function.

b. Although an RFS may be identified as an NSEP TSP provisioning requirement, the Commanding General,

USAISC, has the sole authority to invoke the NSEP TSP procedures on behalf of the Army. This authority has been further delegated to the Director, USARCCO.

c. The RFS must contain items 102 and 521-531 when requesting a new TSP assignment or changing, revoking, or revalidating an existing TSP assignment.

d. When an NSEP TSP provisioning RFS is submitted, overtime and expediting charges must be authorized in item 118 of the RFS.

e. Although a restoration priority is assigned to an existing telecommunications service, that service may not qualify under the TSP system for restoration priority. For further information, see DCAC 310-130-4.

3-12. Telecommunications service request numbering structure

a. Only the USARCCO, as the Army TCO, is authorized to assign and issue a TSR number.

b. The TSR number signifies that the requirement has been validated by the USARCCO as technically correct and certifies that funds are available.

c. The TSR number consists of 4 data fields without separators, which form one 14-alphanumeric data record.

(1) The first field consists of two alpha characters, which are the TCO identifiers assigned to the Army by DCAC 310-130-1. They are—

(a) UA for AUTODIN service.

(b) VA for AUTOVON, DCTN, DSN switched services, or AUTOSEVOCOM service.

(c) WA for dedicated service.

(d) XA for DDN service.

(e) WW for WATS equivalent service.

(f) HA for Army Oahu Telephone System (OTS).

(2) The second field consists of seven alphanumeric characters, which identify the date of the TSR. The date contains two digits for the day, three alpha characters for the month, and the last two digits of the calendar year.

(3) The third field consists of a four-digit control number. The control number is assigned serially, starting with 0001 for the first of each type (VA, UA, WA, XA, WW and HA) requirement of a fiscal year.

(4) The last field consists of one alpha character and is only used to identify an amendment (A-Y) or cancellation (Z).

3-13. Propositioned telecommunications service request numbers

The USARCCO has prepositioned blocks of TSR numbers and has delegated authority to the Commanding General, 5th Signal Command, and Commanders, 1st Signal Brigade (USAISC) and USARPAC, to issue TSRs to support bona fide urgent or exercise requirements in their respective geographical areas. These commands will use these numbers when submitting TSRs directly to the appropriate DCA activity for urgent requirements. Urgent requirements are defined in paragraph 3-10. A copy of each urgent TSR will be furnished to USARCCO. The prepositioned TSR numbers are in table 3-5.

3-14. Request for service submission

a. The complete RFS is divided into eight sections. The format and instructions for completing an RFS are at appendix C. Tables 3-6 through 3-13 provide additional codes.

b. It is not necessary to include in the RFS all of the items (101 through 518) shown in appendix C. Include only those items that pertain to the type of service or action requested, or are identified as a minimum requested item.

c. Each line item in an RFS has a precise format (for example, "103. START") consisting of the item number, a period, and one space, followed by data. All line item numbers are left justified or aligned on the left margin of the message. Wrap-around narrative lines should not start with numbers. This eliminates the possibility of the computer's interpreting the narrative text as a new line number. Failure to follow these precise guidelines will cause an RFS to be rejected by the computer. These RFSs must be manually reentered into the computer, causing delays. Every effort must be made to ensure that RFS messages comply with format instructions.

d. The RFS is normally submitted by AUTODIN message on DD Form 173/2. Other means such as letters, disposition forms, or facsimiles may be used with prior TCO authorization. The content indicator code (CIC) in the header of the DD Form 173/2 must be DJBT and the message address must be DIRUSARCCO RFS-TSR TRAFFIC FT HUACHUCA AZ with the appropriate office symbol. (The proper routing indicator (RI) to be assigned by the serving telecommunications center for RFS-TSR traffic is RUWJBUA, according to Allied Communications Publication (ACP) 117.)

3-15. Multiple request for service

If several RFSs are for the same action (start, change, or discontinue) and interrelated (for example, all trunks in a single private branch exchange (PBX) trunk group), they may be submitted in a single message as a multiple RFS divided into parts. Each part will pertain to a single service.

a. When submitting a multiple RFS, part one must be complete. The second and subsequent parts need contain only information that differs from part one.

(1) If a completed item in the first part does not pertain to the second, enter the item number and indicate NOT APPLICABLE or NA after the item number.

(2) If information for an item in the second part differs from the first, repeat the item number again in part two and add the desired information. Each part of the multiple RFS must contain a different RFS number in item 101.

b. Multiple part RFSs must have a subject title of MULTIPLE RFS or MULTIPLE REQUEST FOR SERVICE.

3-16. Commercial communications work order

a. Minor moves, rearrangements, changes, and/or modifications to existing services may be requested by a DD Form 1367 instead of the normal RFS/TSR channels. Certain conditions must be met before issuing a DD Form 1367.

(1) The modifications must fall under the purview of the established maximum limits/communications service authorization (ML/CSA) established by DECCO with various carriers.

(2) DD Form 1367s can only be issued for CONUS service to authorized carriers. Common carriers with which DECCO has established ML/CSAs are listed in table 3-14.

(3) The nonrecurring cost cannot exceed \$2500 per location per calendar month.

(4) Increases to the monthly recurring cost (MRC) cannot exceed \$200 per location per month.

(5) DD Form 1367 cannot be issued when a termination liability charge is involved.

b. An RFS, rather than a DD Form 1367, will be used for—

(1) Circuit rerouting.

(2) Starting or discontinuing leased services in their entirety.

(3) Making changes to central office or local exchanges that will affect the following:

(a) The physical termination of the circuit.

(b)) The speed, grade, or mode of service, ringing, or signaling.

(c) The NCS TSP.

(d) Communications security (COMSEC) terminal equipment.

(e) DCS AUTODIN service other than local moves of terminal equipment.

(f) International or transoceanic service.

(g) AUTOVON service other than moving a local four-wire instrument within the same building.

(h) Changes to DCTN services.

(i) Changes to AUTOSEVOCOM services.

c. DD Form 1367 is the only document authorized for ordering changes to existing services under the purview of the DECCO ML/CSA. Instructions for completing DD Form 1367 are on the back of the form. Additional guidance is contained in (1) through (7) below.

(1) Item 6a, PERSON TO CONTACT. Furnish a commercial telephone number, to include area code. This information is for the carrier, vendor, or installer. Installers will not normally have access to AUTOVON. An AUTOVON number is also recommended for those Government activities involved in the administrative process.

(2) Item 7, MAX LIMITS CSA NUMBER. Insert ML/CSA number, DECCO-XXXX-0001F. This number gives the carrier the authority to provide service through the DD Form 1367 and ensures that the Government will pay for services rendered. (AT XXXX, insert the two-, three-, or four-character alpha code that identifies the telephone company (for example, DECCO-CPV 0001F) as shown in table 3-14.)

(3) Item 8, CSA NUMBER. Insert the CSA number of the service that is to be changed.

(4) Item 9, PBX STATION NUMBER. Insert the PBX station number. If the number is not applicable, insert NA.

(5) Item 10, DESIRED COMPLETION DATE. Insert a completion date. Terms such as “as soon as possible” or omission of a date is not acceptable. Since funds are obligated as of the completion date, the DD Form 1367 preparer must know and record a completion date for each DA Form 1367 to compute the funds remaining for future obligations. This procedure will avoid overobligation.

(6) Item 11, DESCRIPTION OF SERVICE. State a precise description of the work to be performed. Terms such as “relocate terminal” or “provide interface equipment” will not be used unless an itemized list of equipment and cost data is also included. These terms cause the telephone company to make interpretations.

(7) Item 13, REMARKS. Show minimum distribution of the DD Form 1367.

d. An example of a completed DD Form 1367 is at figure 3-1.

3-17. Program designator codes

a. Program designator codes (PDCs) are six-character, alphanumeric codes that are an integral part of the basic Electronic Data Processing Funding System used by DECCO and the USARCCO. They are used extensively as a basic data element for the USARCCO LCMIS and are designed—

(1) Primarily, to provide funding information.

(2) Secondly, to permit positive and rapid identification of each service by system, network, circuit, user, functional proponent, or other category.

b. PDCs consist of six positions.

(1) The first position identifies the geographical area where the service is located (for example, B for CONUS, P for Pacific, or 2 for Europe).

(2) The second position identifies the funding source (B for USARCCO-funded, long-haul DCS, C for long-haul DCS reimbursable, J for long-haul DCS DCP, etc).

(3) The third position identifies the system or network (for example, B for voice, non-AUTOVON; or T for AUTOVON).

(4) The fourth position identifies the command or agency that ultimately validates the service as mission essential and is the funding source for reimbursable service (for example, P for U.S. Army Intelligence and Security Command (INSCOM) or V for U.S. Army Materiel Command (AMC)). (See table 3-15 for fourth position PDCs.)

(5) The fifth and sixth positions are the subcommand code. This code identifies the requesting installation, activity or user who will be provided the service.

c. The RFS preparer will determine the correct PDC and ensure it is listed in item 117 of the RFS. The USARCCO will review and validate assigned PDCs. If the RFS preparer is unable to develop the entire PDC structure, at a minimum, the fourth position character from table 3-15 will be provided. A copy of ASQA Pamphlet 25-1, with Supplement 1, which explains the PDC structure and identifies the coding, can be obtained by contacting DIRUSARCCO FT HUACHUCA AZ//ASQA-CA// or Director, USARCCO, ATTN: ASQA-CA, Fort Huachuca, AZ 85613-5330.

d. Because the PDC reflects obligation of funds, it is illegal to identify a USARCCO PDC (B, 2, or P in the first position) without either—

(1) Processing the requirement through the USARCCO.

(2) Obtaining prior approval from USARCCO and reflecting it in item 510 of the RFS. Additionally, USARCCO must be an information addressee on the RFS.

3-18. Command communications service designators

a. Command communications service designators (CCSDs) are seven- or eight-character, alphanumeric codes. The eight-character codes are assigned to all services, whether leased or Government-owned. The seven-character codes are assigned by USARCCO for special leased equipment, wiring, and charges that are not associated with a DCA CCSD. They act as the major control element in the DCA/USARCCO automated data bases. Although multiple CSAs may be issued for a single end-to-end requirement, the CCSD is the common code linking all CSAs that indicate a single requirement. Additionally, CCSDs permit positive and rapid identification of each DCS service by agency, purpose/use (P/U) code, and type of service.

b. The CCSD structure is as follows:

(1) The first position identifies the using agency (for example, U for Army). (See table 3-16.)

(2) The second and third positions identify the P/U code of the service (as contained in item 108 of the RFS). (See table 3-6.)

(3) The fourth position is assigned by DCA and identifies the type of service (for example, V for voice). (See table 3-17.)

(4) The fifth through eighth positions of the eight-position CCSDs are the unique circuit identifiers assigned by DCA.

(5) The fifth through seventh positions of the seven-position CCSDs are assigned by USARCCO.

c. The P/U codes of the CCSD are listed in table 3-6. Requests for changes for additional P/U codes should be addressed to DIRUSARCCO FT HUACHUCA AZ //ASQA-DD// for dedicated and DDN requirements, //ASQA-DD// for AUTOVON, DCTN, DSN, AUTOSEVOCOM, and AUTODIN. Requests must contain the following:

(1) Identification of users and detailed description of the purpose and use of the service.

(2) Types of organizations related to the service and how the new code may be used by other agencies.

(3) Quantity of circuits that will be assigned the new P/U code.

Section III

Preparing Measured Service Documentation

3-19. General

Measured services are those services identified as providing inter-LATA voice grade administrative telephone service such as WATS-type services, both inward and outward; and consolidated services provided by GSA.

3-20. Procedures for acquiring GSA service

a. The customer will submit requests to the appropriate USAISC supporting or area DOIM. These requests will contain the following information:

- (1) The type of service desired.
- (2) A written cost estimate from the servicing office.
- (3) The complete location and address where service is to be installed.
- (4) The name, address, and complete telephone number of the POC.
- (5) The type of service presently provided (commercial or Government-owned). If commercial, include monthly cost of services provided and a copy of the GSA.
- (6) The costs (if customer is not located on a military installation).

b. The USAISC supporting or area DOIM will—

(1) Advise the requester of the GSA service, commercial, WATS (or equivalent), of other services available and recommend the most economical, efficient service that will satisfy the requester's requirements. The DOIM will include a written cost estimate from GSA if a GSA configuration is recommended.

(2) Provide applicable CSA number and USARCCO approval number (if any) for existing service.

(3) Forward the request in accordance with paragraph 3-22.

3-21. Requests for GSA service

a. Rather than the RFS format in section II, which is designed for computer processing, requests for GSA service will be submitted in narrative format through channels, preferably by message.

b. The GSA request will—

(1) Designate the following:

(a) Type of action desired (for example, start new service; or discontinue or change existing services).

(b) Terminal equipment features desired (for example, multibutton telephone instruments, conference capability, special signaling arrangements, push-button, or multifrequency dialing). (See para 3-23.)

(c) Date service desired. For planning purposes, the normal leadtime for new GSA service is 60 calendar days.

(d) The address and identification of activity that is to receive or verify billing for requested service. For existing GSA service, this address or activity should be verified from the existing CSA.

(2) State type of service desired; for example—

(a) Install two main line stations, full service (local and Intercity Voice Net (IVN) access).

(b) Install one main line station, local service only.

(c) Discontinue existing main line, (telephone number); reconfigure existing main line, (telephone number); from local service only to full service (local and IVN access).

(3) Provide the following:

(a) GSA customer account number (applies to existing GSA service and subscribers).

(b) The name, mailing address, and applicable telephone numbers (AUTOVON or commercial) of Government representatives who are familiar with the requirement and will serve as POCS.

(c) The name, telephone number, and mailing address of individuals contacted if coordinated with a GSA activity.

(4) Identify the specific unit designation, address, building, and room number for which the service is requested. This designated activity will accept the service and submit a completion report.

3-22. Processing requirements

a. The USAISC area or supporting DOIM will forward GSA requirements for all Army elements through major Army command (MACOM) validation channels to the USARCCO.

b. The USARCCO will—

(1) Issue SF 145 (Telephone Service Request) for approved service requirements to the appropriate GSA activity in accordance with GSA Federal Information Resources Management Regulation.

(2) Return disapproved requests to the requester with a full explanation for the disapproval.

(3) Notify the appropriate intermediate command of actions and status of all GSA actions by memorandum or electrical means, such as message or facsimile. See figure 3-2 for an example of a request for GSA service.

c. GSA will determine whether service will be provided by Government-owned systems or leased through a servicing telephone company. If leasing is required, GSA will execute the lease on behalf of the Army. Local purchasing and contracting offices will be involved for purchase or lease of telephones only.

d. Requesters will submit requests for changes to existing GSA telephone services by memorandum or message (with information to all concerned). Submission by message will--

(1) Increase responsiveness.

(2) Lessen administrative costs.

- (3) Facilitate telephone coordination and approval.

3-23. Purchase of telephones and services contracts

a. In order for Government agencies to buy and maintain their own telephone equipment, GSA has awarded contracts for the procurement and maintenance of all new telephone station equipment for use with GSA local systems. These purchase of telephones and services (POTS) contracts provide for the purchase, installation, deinstallation, move, change, wiring rearrangement, and servicing of telephone instruments and key systems. These contracts are in place in every state. (PBX systems are excluded.)

b. Participation in the POTS contracts is not mandatory for Army customers, but it is an option to obtain this equipment. Since this contract was competitively awarded, its use will save time and personnel resources. The 7th Signal Command will prescribe policies and procedures on whether to purchase or to continue leasing telephone equipment and the source of such equipment. When the purchase of telephone equipment is beneficial, the decision to lease or purchase will be made by the supporting DOIM or 7th Signal Command, based on economic review, mission, and stability of offices.

c. Any Government contracting office using the POTS contracts will administer any order that it issues under the contract and will deal directly with the contractor.

- (1) An authorized ordering agency will order telephone equipment and services through the delivery order process.
- (2) The contractor will bill the ordering activity directly.
- (3) The DOIM or 7th Signal Command will specify bill payment.

d. All requests for circuits (dial tone) will be forwarded to the USARCCO. The user, supporting DOIM, and USARCCO will coordinate to ensure that correct service is provided in a timely manner and to eliminate waste when possible. For example, customer premise equipment must be available to connect circuitry.

3-24. Requests for measured-type services

The RFS will be submitted using the same procedures as those described in paragraph 3-5. See figure 2-8 for a detailed example of ordering procedures.

3-25. Processing requirements

a. The USAISC area or supporting DOIM will forward measured service requests for all Army elements through the MACOM validation channels to the USARCCO.

b. The USARCCO will—

- (1) Issue a request for procurement to DECCO or the Office of Acquisition, 7th Signal Command, for approved measured services.
- (2) Return disapproved requests to the requester with a full explanation of the disapproval.

c. The customer is required to provide the USARCCO an in-effect report in accordance with chapter 5.

Section IV

Preparing a Public Data Network RFS

3-26. General

An RFS is necessary if a user needs—

- a.* A host connection.
- b.* A network requirement (a community of WPCs or terminals).
- c.* Electronic mailbox service.

3-27. Public Data Network service requirements

a. The area DECCO activity, via the USARCCO, will process requirements for PDN host connections, network requirements, and E-MAIL as a formal request for proposal. The carrier will need extensive information for evaluation. The format for a PDN requirement is the RFS (see figure 2-5). Step-by-step instructions are in (1) through (15) below. The accuracy and completeness of the information provided is critical.

(1) Specify the supported organization and network name (for example, U.S. Army Corps of Engineers, Architect-Engineer-Contract Administration Support System network).

(2) Address the RFS through the user's MACOM or USAISC intermediate command for validation as appropriate.

(3) State the purpose of the requirement and any other information that may clarify the requirement.

(4) Provide the name of the manufacturer and nomenclature of the host computer (for example, IBM 370-155 or CDC 6500).

(5) Provide the name of the manufacturer and nomenclature of the host front end processor (FEP).

(6) Provide the complete address and location of the host and FEP, including organization, street address, city, state, ZIP code, building, and room number.

(7) Specify one of the following conditions regarding X.25 (packet switching) capability: X.25 software is presently resident in the FEP; the FEP is not capable of X.25 software; or X.25 software is available from the manufacturer but is not resident in the FEP. If the FEP is capable of X.25 protocol but it is not resident, the user must provide the cost of obtaining it from the vendor (lease and purchase prices). Traffic to and from a host must be packeted. If the FEP cannot packet the traffic, a separate FEP must be leased from the PDN carrier at an expensive rate. If the FEP has packet software, this expense can be avoided.

(8) Specify the service life of the system in years.

(9) Provide the name and commercial/AUTOVON telephone numbers of the host manager. (See para 2-6a(1).)

(10) Specify network availability. Network availability signifies the hours and the days that the host expects terminal traffic from the network. For example, prime time is 0700-1700, 22 days per month (Monday through Friday, excluding holidays). The carrier uses this item for evaluation and network sizing. Network traffic may be passed 24 hours per day, 7 days a week. If the network availability is different from prime time, provide the amount of traffic in hours and characters passed during this nonprime time.

(11) Specify the grade of service (GOS) required at the host FEP. (For example, P.05 means 5 out of every 100 terminal calls to the host will be rejected if all network terminals try to pass traffic at the same time.) The greater the GOS leased (for example, P.01), the more expensive the service becomes.

(12) Contact the local PDN representative for details on additional network features. Additional network features are PDN offerings at an extra cost required by the user. These offerings are not part of the basic service. All host and electronic host managers should obtain a monthly obligation report. This report provides valuable network usage and traffic information that may also be used for billing customers.

(13) Include the information in (a) through (g) below in the RFS. This information determines the user's GOS and network charges. If the network is under-estimated, many terminals will be rejected by the host. If the network traffic is over-estimated, the user may be charged for unused network facilities.

(a) The locations of the terminals requiring access to the host (electronic mailbox or host connection) including organization, city, state, and ZIP code.

(b) Local POCs, commercial and AUTOVON telephone numbers.

(c) Estimated number of calls per month.

(d) Average duration of each call in minutes.

(e) Number of characters transmitted per call.

(f) Commercial area code and prefix of the business line to be used with the terminal.

(g) Terminal type (manufacturer and nomenclature) and desired speed of operation (for example, 300 bits per second (BPS), 1200 BPS).

(14) Justify acquiring PDN service. If other communications services are being used to satisfy this requirement (for example, DDD, WATS, or AUTOVON), so state and provide the costs. Identify the operational deficiencies of the existing service.

(15) Provide name of POC (including commercial and AUTOVON numbers) who knows about the total requirement.

b. Due to the lack of DECCO contracting support, USARCCO is unable to acquire PDN services in some geographical areas. As a result, the customer sometimes must arrange PDN service. The following is a list of areas in which contracting support has been arranged through the USARCCO.

(1) Alaska.

(2) Austria.

(3) Belgium.

(4) Canada.

(5) Denmark.

(6) France.

(7) Germany (West).

(8) Hawaii.

(9) Italy.

(10) Luxembourg.

(11) Netherlands.

(12) Spain.

(13) Switzerland.

(14) United Kingdom.

(15) United States.

c. Regardless of the agency performing contract administration, the USARCCO must certify all new start PDN requirements before actions are taken to obtain the requested service.

**Table 3-1
Command and agency codes**

Code	Command or agency
AFF	Army and Air Force Exchange Service (AAFES)
AMC	U.S. Army Materiel Command (AMC)
ARS	U.S. Army South
CID	U.S. Army Criminal Investigation Command (USACIDC)
CIF	Commander in Chief, FORCES
CON	Miscellaneous Department of the Army
DIA	Defense Intelligence Agency
DNA	National Security Agency
ENG	U.S. Army Corps of Engineers (COE)
EUR	5th Signal Command
FEM	Federal Emergency Management Agency
FOR	U.S. Army Forces Command (FORSCOM)
HSC	U.S. Army Health Services Command (HSC)
INS	U.S. Army Intelligence and Security Command (INSCOM)
ISC	U.S. Army Information Systems (USAISC)
MDW	U.S. Army Military District of Washington (MDW)
MEP	U.S. Military Enlistment Processing Command (USMEPCOM)
MTM	Military Traffic Management Command (MTMC)
NGB	National Guard Bureau (NGB)
PAC	U.S. Army Western Command (WESTCOM)
PCA	Phohick Communications Activity (POCOMMACT)
PKO	1st Signal Brigade (USAISC)
REC	U.S. Army Recruiting Command (USAREC)
SDC	Strategic Defense Command
SOC	U.S. Army Special Operations Command (USASOC)
SOU	U.S. Army Southern Command
TDC	U.S. Army Training and Doctrine Command (TRADOC)
TRT	Joint Tactical Communications Office (TRI-TAC)
WPT	West Point

**Table 3-2
Subcommand codes (RFS position 9)**

Organization	Code
INSCOM field stations	T
JCS	J
U.S. Army, Japan	N

**Table 3-3
Self-validation authority**

Organization	Code
Miscellaneous Department of the Army	
USAISC Pentagon	P
PERSINSCOM	V
Fort Ben Harrison/DCSO	F
National Guard Bureau	
NGB	N
RCAS	R

**Table 3-4
Mandatory leadtimes¹**

Type of service	CONUS Alaska	CONUS-TO- Overseas	Pacific ² Calendar Days	Europe ³
Starts/Rewards				
Point-to-point narrowband (includes service below 19.2kb derived over analog channels)	96	152	87	65+
Point-to-point wideband (19.2kb and above)	121	304	117	65+
DSN/AUTOVON/AUTOSEVOCOM Access	85	152	87	65+
WATS/800	52	N/A	N/A	N/A
FTS 2000				
New location—				
Single channel access				
Switched voice	68	N/A	N/A	N/A
Switched data	68	N/A	N/A	N/A
Switched digital integrated	N/A	N/A	N/A	N/A
Packet Switched	68	N/A	N/A	N/A
Compressed Video	150	N/A	N/A	N/A
Dedicated	68	N/A	N/A	N/A
T1 (All services)	150	N/A	N/A	N/A
Established location—				
Reuse existing facility				
Switched voice	35	N/A	N/A	N/A
Switched data	35	N/A	N/A	N/A
Switched digital intergrated	35	N/A	N/A	N/A
Packet Switched	35	N/A	N/A	N/A
Compressed Video	35	N/A	N/A	N/A
Dedicated	35	N/A	N/A	N/A
Single channel access				
Switched voice	68	N/A	N/A	N/A
Switched data	68	N/A	N/A	N/A
Switched digital intergrated	N/A	N/A	N/A	N/A
Packet Switched	68	N/A	N/A	N/A
Compressed Video	120	N/A	N/A	N/A
Dedicated	68	N/A	N/A	N/A
T1 (All services)	120	N/A	N/A	N/A
Off-the-shelf equipment				
Over \$25K	187	N/A	N/A	187
Under \$25K	80	N/A	126	187
Other than off-the-shelf equipment (e.g., special assemblies)				
Inquiry/Quote1/Order	151	N/A	148	187
Invitation for Bid/Request for Proposal	457	457	N/A	N/A
AUTODIN access lines	85	152	87	65+
Systems or networks (Includes T-1 networks) ⁴				
Overseas	N/A	N/A	178	65+
IQO	153	153	N/A	N/A
RFP	372	372	N/A	N/A
PCM-30 (over 2MBPS)	N/A	N/A	N/A	65+
Disconnects				
DSN/AUTOVON/AUTOSEVOCOM/AUTODIN	47	57	23	65+
WATS/800	52	N/A	N/A	N/A
Equipment only	47	57	8/57 ⁵	21+
Point-to-point narrowband or wideband	52	57	23	50+
Changes				
All	101	158	126	65+
WATS/800	52	N/A	N/A	N/A
DDN starts⁶				
Point-to-point narrowband (service derived over analog channels)	91 ⁷	174	131	52
Point-to-point wideband	120 ⁷	324	167	57
Off-the-shelf equipment only	80 ⁸	N/A	127	N/A
DDN Disconnects				
Equipment off-the-shelf	47	52	8	21+

**Table 3-4
Mandatory leadtimes¹—Continued**

Type of service	CONUS Alaska	CONUS-TO- Overseas	Pacific ² Calendar Days	Europe ³
DDN Changes				
All	90	152	126	65+

Notes:

¹ Leadtimes denote the normal average interval between the receipt of an accurate and validated RFS and the completion of the action by communications contractor or by DCS facilities.

² Applicable to service within the Pacific Area. Any service having connections within Japan require a minimum of 6 months leadtime to obtain the internal Japan segment.

³ Actual leadtimes vary from country to country, based upon mutual agreements, the type of service requested, and whether or not the service is in-country or international. Additionally, the local national holidays will affect the service dates.

⁴ Network and systems vary by complexity, geographic location, and type of procurement (RFP or IQO). The minimum leadtime for complex, multi-theater requirements is 600 days.

⁵ Eight day leadtime is for Hawaii only. For the remainder of the Pacific area, fifty days is required.

⁶ Leadtimes denote the normal average interval between the receipt of a accurate and validated DDN TSR and the successful test and acceptance by the DDN office. Leadtimes go into effect after DCA has modeled the requirement and made the port assignment. Prioritization and URDB inaccuracies could significantly extend the leadtime.

⁷ Leadtime reflects requirements utilizing standard off-the-shelf equipment. However, DDN modem require convertors (RS-232C to MIL-STD-188-114 Balanced), which are not off-the-shelf equipment. Therefore, 30-60 additional calendar days are required.

⁸ Can vary, depending on commercial company furnishing equipment.

**Table 3-5
Prepositioned telecommunications service request numbers**

Command	AUTODIN	AUTOVON AUTOSEVOCOM	Dedicated
1st Signal Brigade (USAISC)			
Emergency	UA	VA 9001-9499	WA 9001-9499
Exercise	UA 9500-9999	VA 9500-9999	WA 9500-9999
5th Signal Command			
Emergency	UA	VA 8001-8499	WA 8001-8499
Urgent	8001-8499		
Exercise	UA 8500-8999	VA 8500-8999	WA 8500-8999
USAISC-Japan			
Emergency	UA 8001-8499	VA 7001-7499	WA 7001-7499
Exercise	UA 7500-7999	VA 7500-7999	WA 7500-7999

**Table 3-6
Request for service purpose/use codes**

P/U codes	Description
AB	In country common user V/TTY Network
AE	Department of Energy Support Circuits
AM	Circuits in Support of Automatic Message Processing Systems
AO	Armed Forces Courier Service (ARFCOS)
AP	NEACAP Voice Network
AS	Administrative Support-Recruiting
AT	Transportation Coordination Network
AU	Automatic System for Transportation Data (AUTOSTRAD)
AV	Transportation Coordinator Auto Command and Control Information System
AX	Army TRADOC Test and Evaluation Network
AY	Army Tactical Computer System Center
AZ	Defense Standard Ammunition Computer System
A1	Army Material Command-Europe Network
A2	Administrative Activities-Misc
A3	Acquisition Information Management
A4	Tactical Army Combat Service Support Computer System

Table 3-6
Request for service purpose/use codes—Continued

P/U codes	Description
A5	Army Criminal Investigation Report System
A6	Army Training Data PERSINSCOM Repository Information Management System
BA	Program Budget Accounting System (PBAS)
BC	Criminal Investigation Command Management Information System (CIDOMIS)
BD	Fleet Broadcast
CD	National Warning System
CL	Control Line
CM	Communications Management Offices Reporting Network
CN	Defense Advanced Research Projects Agency (DARPA) Resource Sharing Computer Network
CT	Contingencies
CY	CINCEUR Command and Control Network
CZ	Defense Federal Credit Unions
C1	Claims Network
C2	European Commissary Region-82
C3	Communications/Electronics Activities-Misc
C4	Comptroller Act-Misc
C5	Contractor Support Services-Misc
C6	Computer Assisted Force Management System
C7	Connection Approval Requirements
C8	USAREUR Community Automation Systems (UCAS)
C9	Army Comsec Commodity Logistics Accounting Information Management System (ACCLAIMS)
DG	Defense Technical Information Center
DI	Defense Intelligence Agency Communications
DL	Combat Development Network (CDNET)
DM	Emergency Message Automation Transmission System (JCS)
DN	Critical Intelligence Communications
DZ	Army Master Data File
D1	DCTN Switched Voice with Internodal Connection
D2	DCTN Switched Voice without Internodal Connection
D4	Department of the Army Standard Port System and Enhancement
D5	Data Processing/Software Development-Misc
D6	Digital Storage and Retrieval of Engineering Documents Systems
ET	NESS, TIROS-N Satellite
EV	European Telephone System Circuits
EW	European Telephone System Trunk Conversion
EX	Exercise Circuits (used for temporary circuits only)
EZ	Electronic Networking Of Major Analysis Agencies
E1	Corps of Engineers Automation Project
E2	Training Miscellaneous
E3	Facilities Engineering Activities-Misc
E4	US Army Europe Engineering Network Europe
E5	Enhanced Frequency Resource Records System
E6	Corps of Engineers/European District Network
FZ	Facility Engineers Supply System
HN	Medical Expense & Performance Reporting System
IJ	Installation Equipment Management System
IL	USAMRDC Inter Laboratory Computer Network
IM	Automated Information Management System
IN	Computer Based Instruction Network
IS	Training Development Information System (TDIS)
IT	Army Inspector General Network
JH	Joint Operations Tactical System
JK	COMUSKOREA Command, Control, and Operational Network
JN	Joint Interface Test Force-Joint Interoperability of Technical Command and Control Systems
JO	Joint Tactical Air Operations
JP	Pacific Command Joint Network
JR	JUMPS Electronic Telecommunications System (JETS)
JS	JUMPS Automated Coding
JU	JUMPS Inquiry Teleprocessing System (JTELS)
KA	Intelligence-Misc
KK	Command and Control-Misc
KL	Keying Lines
KM	Combined Forces Republic of Korea Command and Control (CFROK)

Table 3-6
Request for service purpose/use codes—Continued

P/U codes	Description
LB	Legal Activities-Misc
LD	Landline Air Defense Communications
LE	USAREUR Library Education Network/and Patron Oriented Library
LG	Logistics Data Network
LH	USATACCOM U.S. Army Alaska Tactical Communications
LL	Long Local Subscriber
LN	Live Oak Circuits between U.S. Components
LT	Logistics/Supply Support-Misc
MB	Manpower/Personnel Activities-Misc
MD	Mobilization
ME	European Medical Network
MF	Medical Activities-Misc
MG	Dedicated Critical AUTODIN Restoral circuit between AUTODIN & AUTOVON Switches
MH	Transportation Activities-Misc
ML	Common User Electronic MailService
MM	Intergrated Modernization Management System
MN	Movement Information Network
MP	Army Material Plan-Modernization Network
MR	Western Missile/Space Support Network
MU	Test and Evaluation Analysis and Management Uniformity Plan (TEAM-UP)
MW	Morale, Welfare and Recreation Activities-Misc
ND	Decision Information Distribution System
NE	Northeast Computer Center
NF	Washington Area Warning System
NG	National Guard Area Warning System
NH	AMC Education Network
NJ	National Guard Network
NN	FEMA National Voice System
NO	FEMA National Radio System
NP	Emergency Management Agency
NT	FEMA National Teletype System
ON	NON-DCS Orderwire
OO	System Orderwire
OR	Teletype Orderwire
OU	Ordinance Activities-Misc
PF	Public Affairs Activities-Misc
PJ	Personnel Deployment and District Management System
PP	Army Continuity of Operations Network
PR	Civilian Personnel Network
PS	Commercial Press Services
PV	Plans and Policy Activites-Misc
PW	Property Disposal Office/Resale Activities-Misc
PX	Army and Air Force Exchange Service
QD	Weather Activities-Misc
QG	Weather Teletypewriter
QJ	Weather Fax
QK	Weather Laser Fax
QL	Weather Tactical Imagery Dissemination System
QN	NATO Circuits between U.S. Components
QO	NATO Circuits between non-U.S. Components
QR	NATO Circuits between non-U.S. and a U.S. Component
RA	Army Recruiting & Accession Data System
RB	Reserve Component Automation System
RC	Command and Control of Reserve Forces within Reserve Command Organization
RD	Readiness Integrated Data Base
RE	Developmental Army Readiness and Mobilization System
RG	Transportation Operational Personnel Property Standard System
RH	Research and Development-Misc
RM	Remote Alarm/Intrusion Alert System
RN	Foreign Circuits between U.S. Components
RP	Random Access Personnel Information Data System
RR	Foreign Circuits between non-U.S. And U.S. Components
RS	AFRTS/Stars and Stripes
RT	Army Training Requirements and Resources System Redesign
R1	DA Movements Management System-Redesign
SA	Serious Incident Reporting

Table 3-6
Request for service purpose/use codes—Continued

P/U codes	Description
SB	Special Communications Support to Saudi Arabia
SC	Horizon/Special Purpose Network Interface Network Central Circuits
SD	Department of Army Standard Systems for Depots (DASSD)
SE	Scientific and Engineering-Misc
SF	Standard Army Financial System (STANFINS)
SG	SCP Information Circuit No. 1
SH	SCP Information Circuit No. 2
SI	AN/USC-28 Fine Sync Control
SJ	AN/USC-28 Course Sync Control
SK	AN/USC-28 Transmit Drive Control
SM	Strategic Defense Initiatives (SDI) Support
SN	Shared Logic Office Automation Network
SO	Spare Channel
SP	Spare Patch/Interconnect
SQ	AN/USC-28 Transit PN Select Control
SR	AN/USC-28 Receive PN Select Control
ST	STUII Inter-country Connectivity
S1	Army Supercomputer Network (AAE PM Super Computers)
S2	Security Assistance Training Management System
S3	Intelligence and Security Automated Network (AMC)
TE	Army, AF, Navy Temporary Service
TJ	CRITICOM Red TDM Package System
TL	U.S. Army TRADOC Library and Information Network (TRAILNET)
TN	DCS Time Division Multiplex Package System
TO	Telemetry/Orderwire Package System Trunk
TP	Speech Plus System
TQ	Frequency Subdivided Multiple Modem System (Digital)
TR	Tracking Network
TX	VFCT System
TY	TRADOC Decision Support System
T1	DCS Statistical TDM Package System
T2	Non-DCS AN/FCC 100 Package System (For use with Service "M")
T4	Non-DCS TDM Package System (For use with type service code "M"/"X")
T5	Non-DCS Statistical TDM Package System (Use with type Service code "M")
T6	Tactical Digital Information Link
T7	Tactical Voice Information Link
UB	Common User Voice Service
UD	DCS AUTOSEVOCOM/SEVOCOM Voice Communications Network Circuit
UE	Common User Digital Data
UF	Common User Fax (Other than Weather)
UJ	DDN Dial-up Service (DCO to TAC)
UK	DDN Gateway Access Line
UL	DCS Automatic Record Communication Network Circuits
UN	DDN IMP to IMP Interswitch Trunk Circuit
US	DSN IST from End Office Switch (Including End Office Side of Multi-function Switch) to Remote Switch
UT	DSN Access Line from Node Switch/End Office Switch to Non-DSN (Service/Agency)
UU	DSN/AUTOVON 1ST Circuit Connecting DSN/AUTOVON Node Switches
UW	Interdepartmental Dial Telephone Network
UX	Non-tandem IST from DSN/AUTOVON Node/Switch to DSN End Office/Remote Switch
UZ	Tandem Switch Intersite Trunk Circuit (I.E. EPABX-E-PABX)
VI	Army Standard Information Management System
VM	Vertical Force Development Management Information System (VFDMIS)
VQ	Mystic Star Network
VR	Vehicle Registry Remote Inquiry
VT	AMC Video Teleconferencing Network
VX	Video Teleconferencing Network
WC	WWMCCS (WIN) Intercomputer Circuit (Approved by JCS/J-32)
WD	WWMCCS (WIN) Access Line (Approved by JCS/J-32)
WG	WWMCCS (WIN) Combination Access Line (Approved by JCS/J-32)
WJ	WWMCCS Access Line (Approved by JCS/J-32)
WK	IDHS Access Line (Circuit Requirement Must be Approved by JCS/J-32)
WL	Water Control and Dam Facilities
WP	US Army Pacific Data Processing Installation Network
WU	USAREUR WWMCCS Information System LAN
WY	Theater Automated Command and Control Information Management System
WZ	USAREUR Tactical Communications Command and Control System
YD	CINCSOUTH Command And Control Network
YQ	NORAD ADC Point-to-Point

Table 3-6
Request for service purpose/use codes—Continued

P/U codes	Description
ZA	Satellite Control/Reporting Communications
ZD	Search and Rescue
ZH	Army Air Defense Command Intersite Communications
ZQ	Logistics Network
ZS	Air Traffic Control/Flight Facilities

Table 3-7
Request for service State and country codes

Code	State/country	Abbreviation	Subarea	Area
01	Alabama	AL	C	1
02	Alaska	AK	NA	8/9
04	Arizona	AZ	H	1
05	Arkansas	AR	E	1
06	California	CA	G/H	1
08	Colorado	CO	D	1
09	Connecticut	CT	A	1
10	Delaware	DE	B	1
11	District of Columbia	DC	B	1
12	Florida	FL	C	1
13	Georgia	GA	C	1
15	Hawaii	HI	N/A	8
16	Idaho	ID	F	1
17	Illinois	IL	D	1
18	Indiana	IN	D	1
19	Iowa	IA	D	1
20	Kansas	KS	D	1
21	Kentucky	KY	B	1
22	Louisiana	LA	E	1
23	Maine	ME	A	1
24	Maryland	MD	B	1
25	Massachusetts	MA	A	1
26	Michigan	MI	D	1
27	Minnesota	MN	D	1
28	Mississippi	MS	C	1
29	Missouri	MO	D	1
30	Montana	MT	F	1
31	Nebraska	NE	D	1
32	Nevada	NV	G	1
33	New Hampshire	NH	A	1
34	New Jersey	NJ	A	1
35	New Mexico	NM	E	1
36	New York	NY	A	1
37	North Carolina	NC	C	1
38	North Dakota	ND	D	1
39	Ohio	OH	B	1
40	Oklahoma	OK	E	1
42	Pennsylvania	PA	B	1
44	Rhode Island	RI	A	1
45	South Carolina	SC	C	1
46	South Dakota	SD	D	1
47	Tennessee	TN	C	1
48	Texas	TX	E	1
49	Utah	UT	G	1
50	Vermont	VT	A	1
51	Virginia	VA	B	1
53	Washington	WA	F	1
54	West Virginia	WV	B	1
55	Wisconsin	WI	D	1
56	Wyoming	WY	D	1
N/A ¹	American Samoa	AQ	NA	8
NA	Argentina	AR	NA	1
NA	Australia	AS	NA	7
NA	Austria	AU	NA	4
NA	Antarctica	AY	NA	7
NA	Bahrain	BA	NA	6
NA	Barbados	BB	NA	1
NA	Bermuda	BD	NA	1

Table 3-7
Request for service State and country codes—Continued

Code	State/country	Abbreviation	Subarea	Area
NA	Belgium	BE	NA	4
NA	Bahamas	BF	NA	1
NA	Belize	BH	NA	1
NA	Bolivia	BL	NA	1
NA	British Solomon Islands	BP	NA	7
NA	Navassa Island	BQ	NA	1
NA	Brazil	BR	NA	1
NA	Canada	CA	NA	2
NA	China	CH	NA	7
NA	Chile	CI	NA	1
NA	Columbia	CO	NA	1
NA	Costa Rica	S	NA	1
NA	Cuba	CU	NA	1
NA	Cape Verde	CV	NA	5
NA	Cook Islands	CW	NA	8
NA	Cyprus	CY	NA	5
NA	Denmark	DA	NA	4
NA	Dominican Republic	DR	NA	1
NA	Egypt	EG	NA	6
NA	Equatorial Guinea	EK	NA	5
NA	El Salvador	ES	NA	1
NA	Ethiopia	ET	NA	6
NA	French Guinea	FG	NA	1
NA	Finland	FI	NA	4
NA	Fiji	FJ	NA	7
NA	France	FR	NA	4
NA	Federal Republic of Germany	GC	NA	4
NA	German Federal Republic	GE	NA	4
NA	Greenland	GL	NA	2
NA	Guadeloupe	GP	NA	1
NA	Guam	GQ	NA	7
NA	Greece	GR	NA	5
NA	Guatemala	GT	NA	1
NA	Hong Kong	HK	NA	7
NA	Honduras	HO	NA	1
NA	Iceland	IC	NA	2
NA	Indonesia	ID	NA	India
NA	India	IN	NA	7
NA	U.S. Misc Pacific Islands	IQ	NA	7
NA	Iran	IR	NA	6
NA	Ireland	EI	NA	3
NA	Israel	IS	NA	5
NA	Italy	IT	NA	5
NA	Japan	JA	NA	7
NA	Jamaica	JM	NA	1
NA	Jordan	JO	NA	6
NA	Johnston Atoll	JQ	NA	8
NA	North Korea	KN	NA	7
NA	Republic of Korea	KS	NA	7
NA	Kirbati	KR	NA	7/8
	(Includes the Gilbert Islands, Fanning Atoll; Washington and Vostock in the Line Islands; Banaba (Ocean Island); and the following islands claimed by the United States: Caroline, Christmas, Flint, Malden, Starbuck, Birnie, Gardner, Hull, McKean, Phoenix, Sydney, Canton, and Enderbury in the Phoenix Islands)			
NA	Lebanon	LE	NA	5
NA	Luxembourg	LU	NA	4
NA	Mauritius	MP	NA	7
NA	Midway Island	MQ	NA	8
NA	Mexico	MX	NA	1
NA	Netherlands	NL	NA	4
NA	Norway	NO	NA	3
NA	Nicaragua	NU	NA	1
NA	New Zealand	NZ	NA	7
NA	Paraguay	PA	NA	1
NA	Pitcairn Island	PC	NA	8
NA	Peru	PE	NA	1
NA	Pakistan	PK	NA	6

Table 3-7
Request for service State and country codes—Continued

Code	State/country	Abbreviation	Subarea	Area
NA	Panama (includes area formerly known as the Canal Zone)	PM	NA	1
NA	Portugal	PO	NA	5
NA	Philippines	RP	NA	7
NA	Puerto Rico	RQ	NA	1
NA	Saudi Arabia	SA	NA	6
NA	Singapore	SN	NA	7
NA	Spain	SP	NA	5
NA	Sweden	SW	NA	3
NA	Switzerland	SZ	NA	4
NA	Thailand	TH	NA	7
NA	Turkey	TU	NA	5
NA	Taiwan (Formerly China-Taiwan)	TW	NA	7
NA	United Kingdom	UK	NA	3
NA	Soviet Union	UR	NA	4
NA	Venezuela	VE	NA	1
NA	British Virgin Island	VI	NA	1
NA	Virgin Island (U.S)	VQ	NA	1
NA	Vatican City	VT	NA	5
NA	Wake Island	WQ	NA	7
NA	Western Samoa	WS	NA	8

Table 3-8
Request for service facility codes

Facility code	Description
AAA	Anti aircraft
AAC	Commander Alaskan Air Command
AAD	Army air defense headquarters
AAF	Army airfield
AAM	Army aircraft maintenance
AAO	Air operations office
AAP	Army Ammunition plant
AAV	Army aviation terminal
ABC	Airborne command post
ACA	Army communications center
ACI	Army Assistant Chief of Staff for Intelligence
ADP	Army depot
ADR	Automatic digital relay
AEB	Department of State, American Embassy
AFL	Airfield
AFN	Armed Forces Network
AGP	Army artillery group
AGS	Army G1/S1 section
AGT	Army G2/S2 section
AGU	Army G3/S3 section
AGV	Army G4/S4 section
AHA	Numbered Army headquarters
AHC	Army health clinic
AHD	Army dental clinic
AHP	Army hospital
AIC	Army infantry commander
AID	Army intelligence division
AME	Army materiel area
AMF	Army ammunition facility
AMG	U.S. Army Materiel Command
AMP	JCS automatic message processing system terminal
AOA	Administration building
AOB	Army oversea switchboard
APA	Army Air Defense Command post
APH	Army post headquarters
APL	John Hopkins University Applied Physics Laboratory
APT	Airport
ARB	Army artillery battery
ARG	Army Rocket and Missile Agency
ARH	Army Air Defense Command regional headquarters
ARM	Armory
ARP	ARPANET PSN

Table 3-8
Request for service facility codes—Continued

Facility code	Description
ARQ	Army Reserve facility
ARS	Arsenal
ASA	Army Security Agency
ASE	Army tactical air support element
ASM	Army Supply and Maintenance Command
ATD	AUTOVON switch trouble desk
ATE	Army terminal
ATV	Army tactical radio van
AVC	AUTOVON technical control
AVS	AUTOVON switch OIC
AVT	AUTOVON traffic desk
AWR	Army War Room
AYA	Auxiliary Field
AYB	Army 5th Corps
BBD	Base, post, camp, or station switchboard
BCA	Communications office
BOQ	Bachelor officers' quarters
BRA	Briefing room
CAC	Continental Army Command
CAP	Commander in Chief, U.S. Army Pacific
CAQ	Commander in Chief, Pacific, Airborne Command Post
CBV	Conference bridge terminating voice circuits
CCB	Combat center
CCC	Command communications control center
CCF	CRITICOM facilities control
CCI	Commercial communications interface
CCL	CINC US Central Command (USCINCCENT)
CCM	CRITICOM station
CCO	CRITICOM operations
CCT	Communications center
CC2	Commercial communications interface—second within geographical location
CDD	Central data distribution facility
CDF	Combination distribution facility
CDO	Defense Civil Preparedness Agency Operations Center
CDQ	Defense Civil Preparedness Agency Office
CDT	Call director (telephone)
CET	Contract earth terminal
CF2	Commercial fiber optics facility—second within geoloco
CF3	Commercial fiber optics facility—third within geoloco
CGN	Commanding General
CHC	Army Chemical Corps
CHD	Submarine cable head
CH1	Cable head one (not subcable)
CID	U.S. Army Criminal Investigation Command
CIG	Counterintelligence Corps facility
CIN	Combat Intelligence center
CLE	Communications line switch
CNC	Control center—manual
COB	Command/combat operations center (alternate)
COC	Command/combat operations center
COG	Console
COM	Commercial switchboard
COO	Communications operations office
COV	Communications operations van
CPA	Command post
CPC	Computer programming center
CPD	Computer division
CPH	County police headquarters
CPV	Computer facility
CQA	Commander's quarters
CRC	Control reporting point (command and control)
CRP	Control reporting post
CRT	Cathode ray tube
CSH	Chief of Staff, major headquarters
CSJ	CIRC II subscriber
CST	Commercial satellite terminal
CTC	Commercial cable radio carrier technical control facility
CTD	Commercial terminating point
CTP	Circuit tie point
CXL	Cable carrier system without technical control

Table 3-8
Request for service facility codes—Continued

Facility code	Description
CXR	Cable radio carrier technical control facility
DAR	Department of the Army
DCO	Division communications office
DDG	DDN gateway
DDM	DDN terminal access controller (TAC)
DDN	DDN Packet switch node (PSN)
DDP	DDN host
DDQ	DDN ADP terminal
DDR	DDN stat mux terminal
DD2	DDN stat mux—second at the same geoloco co-located with TAC
DHC	DISNET monitoring center host computer
DIA	Defense Intelligence Agency
DIO	Disaster Office
DMC	DISNET monitoring center
DPA	AUTODIN computer terminal
DPC	AUTODIN general purpose terminal
DPE	AUTODIN magnetic tape terminal
DPP	AUTODIN switch operations area
DPR	Display panel
DRA	AUTODIN manual relay
DRC	AUTODIN automatic relay
DSC	AUTODIN system console
DTC	AUTODIN patch and test facility
DTE	Dial telephone exchange
DT1	Dial telephone exchange
EAB	Emergency action console
EAC	Emergency action center
EDT	Engineer district
EDV	Engineer division
ENG	Army Corps of Engineers
EOC	Evacuation operations center
EOD	Emergency operations center
EPA	Environmental Protection Agency
EPC	Equipment room PBX
EPS	The Enlisted Personnel Support Center
EP2	Electronic private automatic branch exchange—second within geoloco
EP3	Electronic private automatic branch exchange—second within geoloco
ERS	Emergency relocation site
ESC	Engineer Supply Center
ETE	European Telephone System, end office
ETI	European Telephone System, intermediate office
ETR	European Telephone System, switchboard
ETT	European Telephone System, tandem office
EWS	Early warning site
FAX	Facsimile center
FDD	Defense Civil Preparedness Agency
FCO	Facility control office
FDE	Fire department
FEM	Federal Emergency Management Agency
FEN	Far East Network
FFH	Army field forces command headquarters
FIN	Finance center
FRC	Federal relocation center
GCI	Air defense ground control intercept
GDP	General depot
GHA	General hospital
HBA	Headquarters building
HEP	Helicopter pad
HLA	Helicopter landing area
HSA	Headquarters, U.S. Army Europe/7th Army
HTL	Hotel
JCC	Joint communications center
JCS	Joint Chiefs of Staff
JGS	Joint General Staff
JHQ	Joint Headquarters J1
JH2	Joint Headquarters J2
JH3	Joint Headquarters J3
JH4	Joint Headquarters J4
JH6	Joint Headquarters J6

Table 3-8
Request for service facility codes—Continued

Facility code	Description
JOC	Joint operations centers
JTC	Joint command center
JTF	Joint Task Force (U.S. Readiness Command)
LGA	Logistical control group
LGC	Logistics command terminal
LRC	Logistics readiness center
MAG	Military Assistance Advisory Group
MAR	Military Affiliate Radio System, Army
MAY	Military academy
MBA	Army Air Defense Command missile battalion
MCC	Army message center
MCF	Message center facility
MCO	Control center—main
MCR	Master control center station
MCS	Main control station radio relay or wire
MDF	Main distribution frame
MDT	Military district
MED	Medical Corps
MRA	Army minor relay station
MRP	Movement reports center
MRS	Microwave repeater site
MSB	Message switching center
MSR	Missile unit
MSS	Missile support center
MSU	AUTODIN message switch
MUA	Municipal airport
MUC	Munitions Command
MUX	Multiplex terminal
MWT	Microwave terminal
MXA	Mobile radio
NBC	Nuclear biological chemical staff
NCM	North American Air Defense Command (NORAD) Cheyenne Mountain Complex
NCY	National Command authority
NEW	News media
NGD	Army National Guard
NGH	Non-Government hospital
NGO	Non-Government office
NSA	National Security Agency
NTE	NATO satellite system earth terminal
NTO	NATO
NTS	NATO (U.S. element)
NTT	NATO technical control
OAD	Ordinance ammunition center
OCA	Operations center
OPF	Operations office
OPL	Ordinance plant
OPM	Office of the Provost Marshal
OPT	Ordinance point
OPV	Operations van
OSP	Commander Ocean Systems Pacific Area
OSS	Oversea switchboard
PAC	Pacific command alternate
PAI	Associated Press
PCA	Command post alternate
PCF	Post, camp, or station communications facility (Army)
PEX	Army and Air Force Exchange Service
PMG	Provost Marshal General
POC	Commander in Chief, Pacific Operations Center
POL	Petroleum, oil, lubricant
PPS	Pumping station
PRF	Peripheral site
PRG	Proving ground
PRO	Army provost marshal
PRS	Army major primary relay station
PSO	Supply office
PTF	Patch and test facility
PTG	Pentagon
PT2	Patch and test facility—second within geographical location

Table 3-8
Request for service facility codes—Continued

Facility code	Description
PYO	Public Information office
QDT	Army quartermaster depot
QPC	Army quartermaster petroleum center
QRT	Dedicated Criminal Investigative Information Support System
QTS	Quarters
RAP	Radar approach control (RAPCON)
RAS	Radar site
RAT	Radar ATC center
RBS	Radio beacon shelter
RCC	Rescue coordination center
RCE	Army receiver station
RCO	Remote communications outlet
RCP	Remote computer access/processing facility
RDC	Data processing center
RDV	Research and development
REC	Record center
REF	Commercial refuel terminal
RFA	Reports center
RFB	Research facilities center
RJE	Remote job entry terminal
RLN	Radio terminal (nodal)
RLP	Remote line printer
RLT	Radio terminal (without technical control)
RMA	Radio room
ROC	Reconnaissance operations center
ROK	Korean Forces Command
RPD	RAPIDS terminal
RPS	DCAC 310-55-1 reporting station
RRB	RCA Marine Radio Broadcast
RRF	Regional relay facility
RRS	Radio relay station RSA Radio site
RSE	Receiver site
RSN	Radio station
RSO	Range safety office
RTR	Remote transmitter/receiver
SAI	Special agent-in-charge
SAS	Stars and Stripes SAT Satellite relay
SBK	Korean switchboard
SBL	Signal building
SBU	Army switchboard
SCA	AUTOVON switching facility
SCB	State capitol
SCD	State civil defense headquarters
SCH	School
SCX	Nontandem dual function AUTOVON switch
SDP	Signal depot
SDT	Scan data terminal
SHD	State Highway Department
SPA	Special intelligence communications Army terminal
SPD	System planning division
SPI	Special intelligence communications relay
SPJ	Special intelligence communications terminal
SSO	Special security office
STC	Staff communications office
STE	Control center—satellite
STF	Satellite tracking station
STI	State law enforcement and safety patrol
STJ	State law enforcement division
STO	Satellite operations center
STY	Satellite testing center
SVB	Special data quality switch 3/A (for use in Southeast Asia only)
SVC	AUTOSEVOCOM reporting station (other than switch)
SVO	Red analog board
SVR	AUTOSEVOCOM AN/FTC—31 switch
SVS	AUTOSEVOCOM secure cordboard
SVT	AUTOSEVOCOM 758 switch
SV2	Second secure voice cordless switchboard (SECORD) at same location (for reporting purposes only)
SWB	Switchboard
SWC	Switching center other than AUTOVON

Table 3-8
Request for service facility codes—Continued

Facility code	Description
SWO	Defense satellite communications system satellite wideband operations
SYO	Defense satellite communications system operations center
SYT	Defense satellite communications system earth terminal
SYU	Defense satellite communications system earth terminal collocated in SYT
TAB	Army Tank Automotive Command
TAC	Control center—tactical air
TAD	Tactical automatic digital switch
TAG	Army Adjutant General
TAP	Tactical air control party
TAS	Tactical air support element
TAV	Tactical automatic voice switch
TBD	Command switchboard
TBS	Tributary station
TB1	Telephone switchboard (tactical)
TCC	Transport control center
TCG	Technical control
TCL	Army technical facility limited capability
TCM	Technical control facility limited capability
TCT	Communications center terminal (tactical)
TEF	Testing facility
TEL	Telephone
TIC	Technical intelligence center
TIP	Defense communications system tactical interface point
TLX	Dial teletype switching center
TMC	Transport movement center
TMT	Transportable microwave tropospheric VHF facility with technical control
TOC	Tactical operations center
TPC	Transportation Corps
TQR	758 switch other than AUTOSEVOCOM
TQT	AUTOSEVOCOM terminal (Off 758 switch)
TRA	Radar approach control terminal
TSM	Telephone toll switch manual
TSS	Tropospheric scatter site
TST	Testboard
TTB	Toll test board
TUC	Command post or operations center (tactical)
TUN	Transportation unit
TWR	Control tower
TXL	Army transmitter station
UAA	Army training center
UFC	U.S. Army Forces Command
URC	U.S. Army War College
USC	U.S. Army Readiness Command
USD	U.S. Army Information Systems Command
USE	U.S. Army Information Systems Command—NORAD Control Center Provision
UTS	Transceiver site unattended
VAN	Public Data Network interface location
VCM	AUTOSEVOCOM phone (off AUTOVON switch)
WAC	Warning center
WCA	Defense Civil Preparedness Agency warning centers
WCB	State police headquarters
WCC	State police office (other than headquarters)
WCD	District of Columbia and State civil defense headquarters
WCE	State civil defense control center
WCF	Local civil defense control center
WCG	Local civil defense headquarters
WCH	State highway patrol
WCI	Sheriff's office
WCJ	County jail
WCK	Courthouse
WCL	City police department
WCM	City Hall
WCN	City fire department
WCO	City communications office
WCP	County communications department
WCQ	State office building
WCR	Fire alarm headquarters
WCS	Defense Civil Preparedness Agency regional headquarters

**Table 3-8
Request for service facility codes—Continued**

Facility code	Description
WCT	Special facilities location
WCU	Defense Civil Preparedness Agency National headquarters
WCW	State communications department
WCX	State Department of Public Safety Table 3-8 Request for service codes—Continued
WCY	Defense Civil Preparedness Agency remote antenna field
WDX	City Department of Public Safety
WFC	Weather forecast center
WFO	Weather service forecast office
WRC	Weather relay center
WSA	Weather station
WSM	White Sands Missile Range
WTR	Western Test Range
WWA	WWMCCS intercomputer network switch no. 1
WWB	WWMCCS intercomputer network switch no. 2
WWC	WWMCCS intercomputer network switch no. 3
WWD	WWMCCS intercomputer network switch no. 4
WWP	WWMCCS ADP network processor/concentrator
WWT	WWMCCS ADP host computer no. 2
YMB	Air defense artillery or command post manual data
YMD	Air defense artillery or command post primary data
YME	Air defense artillery or command post alternate data
YMG	Air defense artillery or command PBX access
YMJ	Air defense artillery or command post receiving voice alert
YMK	Air defense artillery or command post battery commander
YML	Air defense artillery or command post director
YMM	Air defense artillery or command post weapons director
YMN	Air defense artillery or command post intelligence
YMQ	Air defense artillery or command post battle staff
YMT	Air defense artillery or command post surveillance
YMW	Air defense artillery or command post cross tell
YMX	Air defense artillery or command post alternate voice
YMY	Air defense artillery or command post addressable data bridge
YMZ	Air defense artillery or command post communications center
YXD	Missile fire unit primary data
YXK	Missile fire unit commander
YXL	Missile fire unit director
YXN	Missile fire unit intelligence
YXQ	Missile fire unit battle staff
YXT	Missile fire unit surveillance
YXX	Missile fire unit alternate voice
YYD	Remote radar integrated site primary data
YYK	Remote radar integrated site commander
ZAZ	National Military Command Center
ZXZ	National Military Command Center (alternate)

**Table 3-9
Request for service transmission media codes**

Code	Description
000	Unknown
C00	Submarine cable (nonspecified)
C01	CANTAT cable 1
C02	TAT 1 cable
C03	TAT 2 cable
C04	TAT 3 cable
C05	ICECAN cable
C06	SCOTICE cable
C07	THULE cable
C08	Downrange cable
C09	Panama cable
C10	Puerto Rican cable
C11	Azores cable
C12	Hawaii 1 cable
C13	Hawaii 2 cable
C14	TRANSPAC cable
C15	Johnston Island cable
C16	COMPAC cable

Table 3-9
Request for service transmission media codes—Continued

Code	Description
C17	Hawaii-Guam cable
C18	Guam-Japan cable
C19	Guam-Philippines cable
C20	Philippines-RVN cable
C21	TAT 4 cable
C22	St. Thomas cable 1
C23	Angeles Point-Ketchikan cable
C24	Ketchikan-Skagway cable
C25	Bermuda cable
C26	SEACOM cable
C27	Venezuela cable
C28	Bermuda-Tortola cable
C29	Tortola-Antigua cable
C30	Antigua-St. Lucia cable
C31	St. Lucia-Barbados cable
C32	Barbados-Trinidad cable
C33	San Juan-St. Thomas cable
C34	Cuban cable
C35	St. Thomas cable 2
C36	TAT 5 cable
C37	United Kingdom-Portugal cable
C38	CANTAT cable 2
C39	Hawaii 3 cable
C40	SEACOM cable Singapore-Jesselton
C41	SEACOM cable Jesselton-Hong Kong
C42	SEACOM cable Hong Kong-Guam
C43	SEACOM cable Guam-Madang
C44	SEACOM cable Madang-Cairns
C45	MAT[EN]1 (Spain/Italy)
C46	United States-Bahama cable
C47	Okinawa-Taiwan cable
C48	United Kingdom-Spain (Bilbao) cable
C49	TAT 6 cable
C50	TRANSPAC II
C51	Hong Kong-Philippines-Okinawa cable
C52	Canber cable (Mill Village, Nova Scotia-Flatts, Bermuda)
C53	Tasman Sea cable (Auckland, New Zealand, CHD-Sydney, Australia, CHD)
C54	TAT 7 (Tuckerton, NJ/Lands End/UK)
C55	ANZ/CAN cable segment A (Sydney AS/Norfolk IS)
C56	ANZ/CAN cable segment B (Norfolk IS/Fiji IS)
C57	ANZ/CAN cable segment C (Fiji IS/Hawaii)
C58	ANZ/CAN cable segment D (Hawaii/Vancouver)
C59	ANZ/CAN cable segment E (Norfolk IS/New Zealand)
C60	St. Thomas cable 3
CAB	Government-owned cable-nonloaded (on base or off base cable)
CAL	Government-owned cable-loaded (on base or off base cable)
CMH	Commercial high-frequency radio
CML	Commercial lease (medium not specified)
CMM	Commercial microwave
CMO	Commercial open wire
CMS	Commercial satellite
CMT	Commercial tropospheric scatter
CMU	Commercial ultra high-frequency radio
CMV	Commercial very high-frequency radio
FGS	Foreign government satellite
FOC	Fiber optic-commercial
FOG	Fiber optic-government
HFO	High-frequency radio
ISO	Ionospheric scatter
MSO	Meteoric scatter
MWO	Microwave
NOS	Nonsimilar transmission media (I, V, W, X, Y, 6, & 9 type trunks only)
OWO	Open wire
RAD	Onbase radio
SA1	Government-owned satellite
SBK	Satellite intelsat IV (A) F6
SWC	Satellite (NATO)
TSO	Tropospheric scatter
UHO	Ultra high frequency
VHO	Very high frequency

Table 3–10
Request for service mode of service codes

Code	Description
AX	PBX secure voice homed on other than AUTOVON switch
DA	Four-wire data only precedence, in only
DB	Four-wire data only routine, in only
DC	Four-wire data only send only
DE	Two-wire data routine, in only
DF	Two-wire data precedence, in only
DG	Two-wire data, send only
DT	Four-wire data routine, in and out
DW	Two-wire data routine, in and out
DY	Four-wire data precedence, in and out
DZ	Two-wire data precedence, in and out
EB	Bridge
EK	Key changes
ER	Regenerative
KR	Four-wire key system, send only
KS	Key equipment routine, in and out
KU	Key equipment precedence, in and out
NB	Four-wire secure voice narrowband; subscriber terminal homed on other than AUTOVON switch
PA	PBX routine network in dial/network out dial
PB	PBX routine network in dial/network manual out
PC	PBX routine network in dial
PD	PBX immediate network in dial/network out dial
PE	PBX immediate network in dial/network manual out
PF	PBX immediate network in dial
PG	PBX precedence network in dial/network out dial
PH	PBX precedence network in dial/manual out
PI	PBX precedence network in dial
PJ	PBX routine manual in/network out dial
PK	PBX routine manual in/manual out
PL	PBX routine manual in
PM	PBX precedence manual in/network out dial
PN	PBX offhook
PO	PBX precedence manual in/manual out
PP	PBX precedence manual in
PQ	PBX network out dial
PR	PBX manual out
SK	PBX secure voice (homed on AUTOVON switch) routine manual in/manual out
SO	PBX secure voice (homed on AUTOVON switch) precedence manual in/manual out
ST	Four-wire secure voice (narrowband subscriber terminal homed on AUTOVON switch (NBST-V) routine in/out
SY	Four-wire secure voice (narrowband subscriber terminal homed on AUTOVON switch (NBST-V) precedence in/out
TW	Two-wire voice routine in/out
TZ	Two-wire voice routine precedence in/out
VA	Four-wire voice precedence in/out
VB	Four-wire voice, send only
VC	Two-wire voice routine, in only
VD	Two-wire precedence, in only
VE	Two-wire voice, send only
VN	Four-wire voice offhook
VO	Four-wire voice verified offhook
VR	Four-wire on-way in
VT	Four-wire voice routine in/out
VV	Bridge (CONUS only)
VY	Four-wire voice precedence in/out
WB	Four-wire wideband secure voice service
XX	Track (CONUS only)

**Table 3–11
DSN/AUTOVON and AUTOSEVOCOM maximum calling area description**

Area	Description
Local	Service limited to traffic between subscribers in— a. United Kingdom. b. Germany and Belgium c. Mediterranean area (Spain, Italy, and Greece). d. Hawaii. e. Philippines, Southwest Pacific (SWP), and Okinawa. f. Okinawa, Japan, Philippines, and SWP. g. Japan, Korea, Philippines and Okinawa. h. Okinawa, Philippines, and Japan. i. Corozal.
Area	Service between subscribers who are served through a complex of switching centers in a specific geographical area. The geographical areas are— a. CONUS (including Alaska). b. Europe. c. Pacific. d. Caribbean.
Area plus CONUS or overseas	Service available to subscribers in CONUS with access to both CONUS and an overseas area. Also this service is available to subscribers in an overseas area that has access to both the overseas area in which they are located, as well as CONUS.
Global	Service that permits calls to any other subscriber throughout the worldwide DSN/AUTOVON system. This service is not limited by geographical location.

**Table 3–12
DSN/AUTOVON and AUTOSEVOCOM maximum calling area indicator codes**

		Europe		
General		United Kingdom Uxbridge Mildenhall	Central Europe Donnersberg Feldberg Langerkopf Schoenfeld	Mediterranean Mount Pateras Coltano Torrejon Mount Vergine
01	Global	Global	Global	Global
02	Area and CONUS	Europe and CONUS	Europe and CONUS	Europe and CONUS
03	Area	Europe	Europe	Europe
04	Local	United Kingdom	Germany and Belgium	Mediterranean (Greece, Italy, and Spain)
05	Global with preset conferencing	Global with preset conferencing	Global with preset conferencing	Global with preset conferencing
06	Area and CONUS with preset conferencing	Europe and CONUS with preset conferencing	Europe and CONUS with preset conferencing	Europe and CONUS with preset conferencing
07	Europe with preset conferencing	Europe with preset conferencing	Europe with preset conferencing	Europe with preset conferencing
08	Local with preset conferencing	United Kingdom with preset conferencing	Central Europe with preset conferencing	Mediterranean with preset conferencing
		CONUS—General		
01	Global			
02A	CONUS plus Pacific area			
02B	CONUS plus European area			

Table 3-12
DSN/AUTOVON and AUTOSEVOCOM maximum calling area indicator codes—Continued

02C	CONUS plus Caribbean area
03	CONUS only
05	Global with preset conferencing
06	CONUS and area with preset conferencing
07	CONUS with preset conferencing

Caribbean

	General	Corozal
01	Global	Global
02	Area and CONUS	Caribbean and CONUS
03	Area	Caribbean
04	Local	Corozal
05	Global with preset conferencing	Global with preset conferencing
06	Area and CONUS with preset conferencing	Caribbean and CONUS with preset conferencing
07	Area with preset conferencing	Caribbean with preset conferencing
08	Local with preset conferencing	Corozal with preset conferencing

Pacific

	General	Hawaii Wahiawa	Philippines Clark	Guam Finegayn
01	Global	Global	Global	Global
02	Area and CONUS	Pacific and CONUS	Pacific and CONUS	Pacific and CONUS
03	Area	Pacific	Pacific	Pacific
04	Local	Hawaii	Philippines, SWP, and Okinawa	Local (trouble desk only)
05	Global with preset conferencing	Global with preset conferencing	Global with preset conferencing	Global with preset conferencing
06	Area and CONUS with preset conferencing	Pacific and CONUS with preset conferencing	Pacific and CONUS with preset conferencing	Pacific and CONUS with preset conferencing
07	Area with preset conferencing	Pacific with preset conferencing	Pacific with preset conferencing	Pacific with preset conferencing
08	Local with preset conferencing	Hawaii with preset conferencing	Philippines, SWP, and Okinawa with preset conferencing	None
	General	Okinawa	Japan	
01	Global	Global	Global	
02	Area and CONUS	Pacific and CONUS	Pacific and CONUS	

Table 3-12
DSN/AUTOVON and AUTOSEVOCOM maximum calling area indicator codes—Continued

03	Area	Pacific	Pacific
04	Local	Okinawa, Japan Philippines, and SWP	Japan, Korea, Philippines, Okinawa, and SWP
05	Global with preset conferencing	Global with preset conferencing	Global with preset conferencing
06	Area and CONUS with preset conferencing	Pacific and CONUS with preset conferencing	Pacific and CONUS with preset conferencing
07	Area with preset conferencing	Pacific with preset conferencing	Pacific with preset conferencing
08	Local with preset conferencing	Okinawa, Korea Philippines, SWP, and Ja- pan, with preset conferencing	Japan, Korea, Philippines, Okinawa, and Japan with preset conferencing

Table 3-13
Defense Communications Systems technical schedule and circuit parameter codes¹

Item Number	Description of Service	Circuit parameter code
Category 1: Voice switch service		
Defense switched network/AUTOVON		
1A	Voice grade access line.	C1
1B	Special grade, alternative voice/record access from AUTOVON switch.	C3
1C	Interswitch trunk voice grade.	C1
1D	Interswitch special grade, alternative voice/record, not transoceanic.	CT
1E	Interswitch special grade, not transoceanic (regenerators at both ends).	C2
1F	Interswitch special grade, not transoceanic (regenerators at one end).	C4
1G	Interswitch service PCM-24.	Y2 (CONUS lease) Y4 (Gov't owned)
1H	Interswitch service PCM-24.	Y3
1I	Interswitch trunk international voice grade.	M1
1J	Interswitch trunk international special grade.	M3
1K	Digital data service (access).	J1
1L	Secure voice, operating at 2.4 through 16 kb/s (derived over analog channels).	
1M	Secure voice, operating at 50 kb/s. This is a special schedule pertaining to transmission over metallic facilities without regenerators.	G1
1N	Secure voice terminal, 2.4 through 9.6 kb/s access/trunk line, to four-wire JOSS or AUTOVON switch (SEVAC or CORDBOARD).	C3
1O	Interswitch trunk operating at 2.4 or 9.6 kb/s providing secure voice service. (This service is derived from the AUTOVON).	C2
1P	Secure voice terminal, 50 kb/s baseband, to SECORD or AUTOSEVOCOM switching facility without regenerators over metallic facilities.	G2
1Q	Secure voice terminal, 50 kb/s baseband, to An/FTC-31 over metallic facilities. (If manual batching is anticipated, order number 1P.)	G1
1R	50kb/s baseband, over metallic facilities without regenerators.	G3
1S	8 to 16 kb/s secure voice.	C1
1T	Secure voice, operating at 50kb/s. This is a special schedule pertaining to long-distance transmission over radio systems.	Z4
1U	Secure voice conference (SCP).	J2
Category 2: Digital switch Defense data network/AUTODIN		
2A	75 through 1.2 kb/s access line to switch or to a bridge at a transmission nodal point. (Derived over analog channels.) C1/J1	Q1
2B	2.4 to 9.6 kb/s access line, alternative voice/record service. (Derived over analog channels.) C2/J1	Q2
2C	2.4 through 9.6 kb/s interswitch trunk. (Derived over analog channels.) Cs/J1	Q2

Table 3-13
Defense Communications Systems technical schedule and circuit parameter codes¹—Continued

Item Number	Description of Service	Circuit parameter code
2D	45 b/s through 64 kb/s access/interswitch line. (Derived over digital channels	J1
2E	0 to 16 kb/s services derived over ECCM channels	J1
2F	2.4 to 19.2 kb/s access/interswitch line. (Derived over international M1040 condition line.)M1/J1	Q3
2G	300 to 1.2 kb/s access line. (Derived over international M1040 condition line.) M1/J1	Q4
Category 3: Voice Service		
Nonsecure voice		
3A	None secure voice circuit	C0
<i>Alternative voice record</i>		
3B	Alternative voice/record service, including secure C2 voice or data, operating at rates from 2.4 up to 9.6 kb/s. Circuit parameter code C3 is not available for user-to-user service, but was developed to permit interconnecting up to five tandem C3 links while still obtaining C2 circuit performance on an end-to-end basis.	C2
3C	2.4 to 9.6 kb/s alternative voice/record service.	C2
<i>Facsimile</i>		
3D	Facsimile transmission which can be accommodated over a voice grade channel with no special conditioning. If the required facsimile service (including telephoto) involves special channel conditioning, specific circuit parameters will be based on transmission means, circuit length, and characteristics of the equipment used to terminate the circuits.	C0
<i>Carrier telegraph (VFCT) systems</i>		
3E	VFCT, type1. Up to 16 telegraph channels.	C2
3F	VFCT, type2. Up to 26 telegraph channels provided over a voice frequency channel between carrier terminals	C2
<i>International</i>		
3G	CCIT parameter M1020. For use with modems that do not contain equalizers. 3G has been adapted for use in lieu of parameters C2, D1, C1, and C3 for service provided by U.S International Carriers.	M3
3H	CCITT parameter M1025. For use with modems which contain equalizers. 3H has been adapted for use in lieu of parameters C0 and C1 for service provided by U.S. International Carriers.	M2
3I	CCITT parameter M1040. For use with telephone circuits that do not require special characteristics to be provide by U.S. International Carriers.	M1
Category 4: Digital service		
<i>General data</i>		
4A	0 through 150 b/s teletypewriter and other dc keying services. (Derived over analog channels.) (CO/N1/J1).	Q5
4B	0 through 150 b/s used where dc keying is converted to a digital signal (C0.J1).	Q6
4C	300 through 1200 b/s. Includes card data or other service. (Derived over analog channels.)	C1
4D	066-068 IBM transceivers (10 to 40 cpm). (Derived over analog channels.)	C0
4E	0 through 2.4 kb/s async service. (Derived over digital channels.)	N1
4F	0 through 64 kb/s digital service. (Derived over digital channels)	J1
4G	1.544 through 6.176 Mb/s digital service.(Derived over digital channels)	Y1
4H	1.544 Mb/s basic digroup. Time Division Multiplexing using commercial "D Type" PCM terminals. This service is often provided via commercial DS1 or Data under Voice (DUV) transmission systems. The PCM terminals normally derive 24 telephone-type channels, although lower speed data channels may be substituted for some of the voice channels. The terminals used to derive the service are often dubbed "PCM 24" terminals and may consist of any of the commercial "D Type" banks (D1, D2, D3, D4, etc.). ²	Y3
4I	2.048 Mb/s basic digroups. Time Division Multiplexing using PCM-30 channel terminal equipment complying with CCITT G.732. This equipment provides 30 voice channels. This is an end-to-end service.	Y3
Worldwide Military Command and Control System (WWMCCS)		
4J	Circuits supporting WWMCCS at rates of 19.2 kb/s to 50 kb/s. Synchronous or isochronous mode.	W1
4K	56/64 kb/s digital circuit supporting WWMCCS Intercomputer Network Communications subsystem (WINCS).	J3
<i>International</i>		
4L	CCITT parameter M1020. For use with modems that do not contain equalizers it has been adapted for use in lieu of parameters C2, D1, C1, and C3 for service provided by U.S. International Carriers.	M3

Table 3-13
Defense Communications Systems technical schedule and circuit parameter codes¹—Continued

Item Number	Description of Service	Circuit parameter code
4M	CCITT parameter M1025. For use with modems which contain equalizers. It has been adapted for use in lieu of parameters C0 and C1 for service provided by U.S. International Carriers.	M2
4N	CCITT parameter M1040. Has been adapted for telephone circuits that do not require special characteristics that are provided by U.S. International Carriers.	M1
Category 5: Package/digital system		
5A	Digital package system 1.2 through 768 kb/s.	J3
5B	Digital package system 1.536 through 6.176 Mb/s.	Y1
5C	1.544 Mb/s service. Provides for point-to-point, full duplex transmission of serial bipolar isynchronous pulses compatible with Bell System Technical Reference 41451.	Y2
5D	2.048 Mb/s basic digroups. Time division multiplexing using PCM-30 channel terminal equipment complying with CCITT G. 732. This equipment provides 30 voice channels. This is an end-to-end service.	Y3
5E	Digital radio system operating at 192 kb/s through 50 Mb/s. (Not Satellite or tropo.)	R1
5F	Digital multiplex operating at 192 kb/s through 50 Mb/s. (not satellite or tropo.)	R2
5G	Digital radio/multiplex operating at 50 kb/s to 9.7 Mb/s (Tropo).	R3
5H	Digital satellite radio/multiplex. Bit-error-rate $\leq 1 \times 10^{-5}$	S1
5I	Digital satellite radio/multiplex. Bit-error-rate $\leq 5 \times 10^{-6}$	S2
5J	Digital satellite radio/multiplex. Bit-error-rate $\leq 1 \times 10^{-6}$	S3
5K	Digital satellite radio/multiplex. Bit-error-rate $\leq 5 \times 10^{-7}$	S4
5L	Digital satellite radio/multiplex. Bit-error-rate $\leq 1 \times 10^{-7}$	S5
5M	JRSC Digital Package (AN/FCC-100 Trunk).	J4
5N	Digital Package System with modems 1.2-16	Q7
<i>Group bandwidth</i>		
5O	Frequency Division Multiplexing (FDM) use. This item should be specified whenever a DCS 6-108 kHz channel is equipped with GFE FDM equipment at DCS station locations	X1
5P	Derivation of 50 kb/s Data Service. This item should be specified whenever a 60-108 kHz channel is required to interconnect 50 kb/s points in the DCS by use of a special GFE modem and GFE auxiliary set (such as WECO type 303 data modem and WECO type 842 data auxiliary set). The arrangement provides interconnection of subscribers on a 4-kHz basis whenever the 50 kHz signal is removed from the user four-wire line. The An/ISC-26 group data modem may also be used in deriving this service, however, in the half-group mode of operation the data signal level should be reduced to - 8 dBm0.	X2
Category 6: Optional service		
6A	This is an optional service that may be specified whenever the circuit is to be terminated with modems employing adaptive equalizers. This service is normally obtained without special equalization equipment being introduced into the circuit.	C0
6B	This is an optional service that may be specified whenever the circuit is to be terminated with modems employing multilevel modulation techniques that require above average signal-to-noise and linearity characteristics. Provision of this service normally requires special routing of the circuit over "hand selected" transmission channels.	D1
Category 7: Special Category		
NS	Not specified. For use where existing technical schedules do not apply, or where new parameter codes have not, as yet, been developed. If "NS" is used, RFS item 429 must reflect specific circuit technical specifications and special conditioning requirements.	NS

Notes:

¹ Technical Schedules pertinent to services not mentioned herein will be developed on a case-by-case basis as requests for these services are received by the responsible DCA Circuit Allocation and engineering Organization. When warranted by the degree of usage, an appropriate Technical Schedule for that particular service will be published by DCA.

² Refer to Bell System Technical Reference 41451. The rates and service quality standards (e.g., conditioning) for AT&T Tariff FCC Nos. 258 and 267 providing 1.544 Mb/s service are currently that issue in FCC Docket No. 20690. Reference to AT&T Tariff FCC Nos. 258 and 267 does not constitute endorsement or acceptance of the service quality standards contained therein as adequate to meet Government service requirements. The DCS Circuit Parameter Code Y2 also is repromulgated only on an interim basis until the final resolution of the matters in FCC Docket No. 26090. At that time Code Y2 will be adjusted as necessary for both Government-owned and commercially leased circuits.

Table 3-14
Common carriers—issued maximum limits CSA number 00001F

Telephone company symbol	Company
ABI	AT&T Information Systems
ACTA	ACE Telephone Assoc
ALGA	Alltel Arkansas Inc
ALMA	ALMA Tel Co Inc
APLI	American Private Line Svc
ASTC	Artic Slope Tel Assn
ATA	Municipality of Anchorage
AVTC	Ausable Valley Tel Co
BASI	Bell Atlanticom Sys Inc
BBTC	Bristol Bay Tel Coop Inc
BEUA	Benton Ridge Tel Co
BLUE	Blue Valley Tel Co
BRPA	Brooksville Tel Co
BSGS	Bellsouth Com Inc
CAVA	Cascade Autovon Co
CENN	Central Tel Co
CHKV	Chugwater Tel Co
CHSV	Chicksaw Tel Co
CLAR	Clear Lake Ind Tel Co
CNTC	Consolidated Tel Co of MN
COJV	Costal Utilities Inc
COTS	Contel of the South Inc
CPU	CP National Corp
CRAW	The Craw-Kn Tel Coop Assoc
CS	Cincinnati Bell
CTCI	Contel of Iowa Inc
CTCP	Contel of Pennsylvania
CTNC	Carolina Tel & Tel Co
CTNT	Great Plains Comm Inc
DLHI	Delhi Tel Co
DTWV	Contel of W Virginia
ENMX	ENMR Telephone Coop
ETE	Ellensburg Tel Co
EVEC	Eagle Telecom Inc
FARM	Farmer Telephone Coop
FMTL	Contel of the Northwest
GECZ	GTE Florida Inc
GETA	Contel of New York
GFTC	Gulf Telephone Co
GTEC	GTE Communications Corp
GTEM	GTE Mobilnet
GTLI	GTE North Inc
GTPE	General Tel Co of PA
GTT	GTE Northwest Inc
GTS	GTE California Inc
GTSE	GTE South Inc
GVTC	Guadalupe Valley Tel
GWTC	Golden West Tel Coop
HADZ	GTE Hawaiian Tel Co Inc
HARN	Harney Telephone Svc
HUTC	Humphrey's County Tel
INMA	Inter-Community Tel Co
JBAZ	Independent Comm Inc
LAKE	Lakedale Tel Co
LHTC	Laurel Highland Tel Co
LTLN	Lincoln Tel Co
MCCA	McCaw Cellular Comm Inc
MCM	Mankato Citizens Tel

Table 3-14
Common carriers—issued maximum limits CSA number 00001F—Continued

Telephone company symbol	Company
MIMI	Alltel Michigan Inc
MINF	Minford Tel Co
MKT	Central Tel Co of TX
MMC	Martin Marietta Corp
MMTC	Western NM Tel Co Inc
MS	Mountain States Tel & Tel
MURD	Armstrong Tel Co
NCTC	Webster-Calhoun Coop
NEDC	State of NE Div of Comm
NEPT	North Eastern PA Tel
NEWM	Nemont Tel Coop Tel Co
NW	Northwestern Bell Tel Co
NWMA	Northwest Comm Coop
OTZT	Otz Tel Co
PCTA	Plains Coop Tel Assn
PODZ	Pok-Lambro
POEB	Polar Communications
PT	Pacific Bell
PTCI	Peoples Tel Coop Inc
PTNW	Pacific NW Bell Tel Co
PVTC	POenasco Valley Tel
QWST	QWEST Mgmt Inc
RCAA	Alascom Inc
RHDR	Rhinelanders Tel Co
ROAZ	Roosevelt City Rual Tel
ROXA	Rochester Tel Co Inc
SIOX	Siox Valley Tel Co
SJCI	St Joe Comm Inc
SFJ	St Joseph Tel & Tel Co Aid
SRMC	Sourix River Tel Mutual
STAN	Standard Tel Co
TENN	Tennessee Tel Co
THBZ	3 Rivers Tel Coop Inc
TMTC	Texas-Midland Tel Co
TRTT	TRT Telecom Corp
TWIN	Twin Lakes Tel Coop Corp
UNLA	United Tel Assoc Inc
UNTO	United Tel Co of OH
USTS	ITT Comm Svcs Inc
VATC	Valley Tel Coop Inc
WDTC	The Woodbury Tel Coop Inc
WRMA	West River Mutual Aid Te
WRTC	Western Reserve Tel Co
WTC	Walnut Telephone Co
WTEX	West Texas Rual Tell Coop

Table 3-15
Command and agency codes (fourth position PDC)

Code	CONUS	Europe	Pacific
A	HQDA and other DA agencies	HQDA and other A agencies	HQDA and other A agencies
B	CINSO/	USAREUR/7th Army (USBA)	Westcom
C	CINCFOR	CINCEUR	Combined Forces
D	NCA	NCA	
E	USAREC	Accent Reserve Corps	USAREC
F	FORSCOM	FORSCOM	FORSCOM
G	MDW	21st TAACOM	
H	West Point	32d AADCOR	
K	HSC	HSC	HSC
L	JCS	V Corps	
M	FEMA		
N	NGB	7th ATC	NGB
O	Exercises	Exercises	Exercises
P	INSCOM	INSCOM	INSCOM
Q	Civil Support	Civil Support	Civil Support
R	USARSO	USASETAF	8th U.S. Army
S	USAIC	USAIC	USAIC
T	MTMC	MTMC	MTMC
V	AMC	AMC	AMC
W	DOD Agency	DOD Agency	DOD Agency
X	Various commands	Multiple commands	Multiple commands
Y	TRADOC	VII Corps	TRADOC
Z	USACIDC	USACIDC	USACIDC
1	State Department	State Department	State Department
2	USMEPCOM	U.S. Army, Berlin	MEPCOM
3	FMS	FMS	FMS
4	USASOC	USASOC	USASOC
5	SDC	SDC	SDC
6	AFRTS	AFRTS	AFRTS
7			USARJ
8	AAFES	AAFES	AAFES
9		Central Command	

Table 3-16
Telecommunications certification office codes (first position CCSD)

Code	TCO	Name
A	DOS	Department of State
B	Navy	Department of the Navy
C	JCS	National Command Authority (JCS)
D	DCA	Defense Communications Agency
F	NCS	NCS—minor operating agencies; for example, Department of Energy, U.S. Information Agency, Department of Commerce, Department of Interior
G	GSA	GSA
H	DOS	Diplomatic Telecommunications System
I	FORGN	Allied Governments—for circuits required by Allied Governments and provided over some DCS facilities
J	Air Force	Department of the Air Force
L	FAA	Federal Aviation Administration (FAA)
M	NASA	National Aeronautics and Space Administration
N	DOD	DOD agencies not listed; for example, DIA, NSA, Defense Logistics Agency, Defense Nuclear Agency
O	FORGN	host country—for all circuits required by any which is host to the United States
P	NCS	Other U.S. departments, agencies, commissions, or commercial companies not listed; for example, Department of Justice, requirement by a commercial company
Q	FEMA	FEMA
R	CINCS	CINCS command and control circuits
S	OSD	OSD
T	FORGN	Treaty Organizations; for example, NATO
U	Army	Department of the Army

Table 3-16
Telecommunications certification office codes (first position CCSD)—Continued

Code	TCO	Name
X	DOC	Department of Commerce
Y	JUWTF	Joint Unconventional Warfare Tactical Forces Headquarters
Z	MARFOR	Marine Forces
1	SFOB	Special forces operations base
2	AFSOB	Air Force special operations base
3	NSWTG	Navy Special Warfare Task Group
4	COSCOM-FSSG	Tactical Support Command, ie, Component Combat Service Support Element, Force Service Support Group
5	TCA	Teltran Communications Analysis

Table 3-17
Description codes (fourth position CCSD)

Code	Description
A	Teletype service other than DCs switched networks
B ¹	AUTOVON access line (see N)
C	AUTOVON interswitch trunk
D	Data other than DCS switched networks
E	AUTODIN access line (see L, Q, and 7)
F	AUTODIN interswitch trunk
G ¹	AUTOSEVECOM access line
H ¹	AUTOSEVECOM interswitch trunk
I	Non-AUTOSEVECOM secure voice circuit that does not access AUTOVON for non-AUTOSEVECOM secure voice circuits that access AUTOVON, use type service code B)
J	Facsimile or telephone rather than DCCS switched networks
K	Continuous wave
L	DSSCS AUTODIN access line
M	package system; no channel accounting by DCA
N ¹	AUTOVON access line serving an AUTOSEVECOM subscriber or switch
P	Interswitch trunk or circuit for switched networks other than AUTOVON, AUTODIN, and AUTOSEVECOM
Q	AUTODIN interchange circuits, circuits between AUTODIN and other switched networks, except AUTOVON
R	Alternative voice or record other than DCS switched networks
S	Video other than DCS switched networks
T	Telemetry other than DCS switched networks
U	European telephone access line
V	Voice other than switched networks
W	ETS interswitch trunk
X	Package system; channel accounting by DCA
Y	Signaling, direct current or audio, other than DCS switched networks
Z	Tandem switch access line [RULE]
0	AUTODIN II access line
1	AMPS access line
2	AMPS trunk between APMS switches
3	FTS access line
4	FTS interswitch trunk
5	Automatic route select (ARS) access line
6	Indirect DDN through a gateway
7	Indirect AUTODIN access through an intermediate relay (automatic or manual)
8	DDN interswitch trunk circuit
9	DDN access line

Notes:

¹ Code N will identify AUTOSEVOCOM lines accessing an AUTOVON switch; code B will identify all other AUTOVON access lines. Codes G and H will identify AUTOSEVECOM circuits. Non-AUTOSEVECOM secure voice lines accessing AUTOVON switches can be identified by the security equipment and/or the service mode code, if desired.

COMMERCIAL COMMUNICATION WORK ORDER		1. WORK ORDER NUMBER	2. DATE OF REQUEST (YYMMDD)		
		FEMJUL84X012	88/08/12		
3a. NAME OF COMPANY PROVIDING SERVICE (Will correspond with that shown on the MAX LIMIT CSA)		4a. NAME OF ORGANIZATION ISSUING WORK ORDER			
American Telephone & Telegraph Company		Federal Emergency Management Agency			
b. ADDRESS (Street, City, State, Zip Code)		b. ADDRESS (Street, City, State, Zip Code)			
1120 20th St., N.W. Washington DC 20036		Region X, 130 228th St. S.W. Bothell, WA 98021			
SERVICE LOCATION	5a. INSTALLATION NAME	c. Bldg. No.	6a. PERSON TO CONTACT (Last, First, M.I.)		
	National Weather Service		Brooks, Mike		
	b. ADDRESS (City, State, Zip Code)	d. Room No.	b. TITLE	c. TELEPHONE NO.	
	3650 Biddle Road, Medford, OR 97501	OPR-2		(501) 773-1067	
7. MAX LIMITS CSA NO.		8. CSA NUMBER			
DECCO-AT-0001F 97501		ATTW P 08229 069			
9. PBX STATION NUMBER		10. DESIRED COMPLETION DATE (YYMMDD)			
N/A		15 May 89			
11. DESCRIPTION OF SERVICE		NO. OF UNITS	UNIT COST	ESTIMATED CHARGES	
				MONTHLY	NON-RECURRING
<p>Move of NAWAS equipment presently located: National Weather Service Bldg Medford Jackson County Airport 3650 Biddle Road Operations Room Medford, OR 97501 Phone (503) 773-1067 to be relocated: National Weather Service (new bldg) Medford Jackson County Airport 3650 Biddle Road Operations Room Medford, OR 97501 Phone (503) 773-1067 This move is of approximately three blocks. Medford Jackson County Airport is small and all buildings use the airport address.</p>					
TOTAL ESTIMATED CHARGES					\$85.00
12a. NAME OF REQUESTING OFFICER (Last, First, M.I.)		b. PAY GRADE	c. SIGNATURE		
Kusaka, Al Phone (206) 483-7309		GS-09	<i>Al Kusaka</i>		
13. REMARKS					
<p>CF: 2-AT&T, 1120 20th St., N.W. Washington DC 20036 1-Cdr, DECCO, ATTN: D531.12, Scott AFB, IL 62225 1-Dir, USARCCO, ATTN: ASQA-DN, Fort Huachuca, AZ 85613-5330 1-FEMA, (ATTN: RM-IR-TM), Rm 520 Donohoe Bldg, Washington DC 20472</p>					

DD FORM 1367
82 FEB

EDITION OF 1 OCT 64 IS OBSOLETE.

Figure 3-1. Example of a Commercial Communications Work Order

DEPARTMENT OF THE ARMY
United States Army Information Systems Command-USAREC
Fort Sheridan, Illinois 60037-6120

ASQNI-REC-CE-0

3 Jul 90

MEMORANDUM FOR Director, U.S. Army Commercial Communications
Office, ATTN: ASQA-DS, Fort Huachuca, AZ
85613-5330

SUBJECT: Request for Telephone Service - Customer #042035
Seattle Battalion

1. Request the following feature changes at the U.S. Army Recruiting Battalion Seattle, 4735 E. Marginal Way South, Seattle, WA 98134.
 - a. Change hunting as follows -
 - (206) 764-3592 to 764-3593 to 764-3675
 - (206) 764-3752 to 764-3709
 - (206) 764-3632 to 764-3639 to 764-3645
 - b. Delete all other hunting that exists.
2. This requirement has been reviewed by the proper funding authority, taking into consideration Gramm-Rudman-Hollings, House Appropriations Committee, and HQDA applied reductions and is approved for implementation under the DCP Program.
4. Request this office be provided copies of correspondence to GSA. Requested due date is 28 July 1990.
5. The POC for this office is Susan Caldwell, AUTOVON 459-7313 and local POC is Laird Sinclair (206) 764-3709.

FOR THE DIRECTOR:

ERNIE L. MERRILL
Chief, Operations Branch

CF:
Cdr, U.S. Army Rctg Bn Seattle, ATTN: TCCO, 4735 East Marginal
Way South, Seattle, WA 98134

Figure 3-2. Sample of a completed GSA services request

Chapter 4 Procurement Package

4-1. General

- a. This chapter describes the procedures to be used when a procurement package, in addition to an RFS, is necessary to obtain service.
- b. Procurement packages are required for leased communications services and equipment that—
 - (1) Are determined to be complex (such as systems or networks).
 - (2) Depend on special construction or nonstandard equipment/circuit configuration.
- c. To prevent unnecessary delays in processing requirements, early coordination with the USARCCO is recommended if the proper acquisition procedure is doubtful.

4-2. Processing requirements

- a. After a system or network has been approved and the decision made that the complete procurement package is necessary, the operation and maintenance (O&M) activity will—
 - (1) Prepare the acquisition plan in accordance with figure 4-1 and forward to the USARCCO prior to submission of the procurement package.
 - (2) Develop the performance specification (PS) with input from the DOIM/user and other organizations as appropriate.
 - (3) Forward the PS, along with other supporting documentation through channels to the USARCCO under a cover letter that includes the RFS number, PDC, funding statement, and the basis for procurement authority. The PS is discussed further in paragraphs 4-4 and 4-5.
- b. The USARCCO will—
 - (1) Review the entire package for technical adequacy and adherence to Army, DCA, and Federal regulations.
 - (2) Forward the package to DCA and include a TSR number, PDC, and the name of funding activity in a cover letter.
- c. DCA will forward the package to DECCO for a contracting/procurement review. Based on the information in the PS, DECCO will prepare a synopsis of the requirement to be published in the Commerce Business Daily. Normally, this synopsis will be published for 15 days before release of the DECCO solicitation, with an additional 30 days allowed for carrier/vendor response.
- d. Interested carriers/vendors will respond to the Commerce Business Daily announcement and request to be—
 - (1) Added to the DECCO bidder's list.
 - (2) Sent a copy of the DECCO solicitation.
- e. DECCO will develop a request for proposal (RFP) that incorporates the PS. This RFP represents the Government solicitation package, which is sent to carriers/vendors who want to compete for the contract.
- f. The carriers/vendors will prepare their proposals and submit them to DECCO by the specified bid close date.
- g. DECCO will convene a technical and price proposal evaluation panel. The functions of this panel are discussed in paragraph 4-6.
- h. DECCO will review the recommendation of the technical and price proposal evaluation panel members attending the proposal evaluation. A coordinated source selection (including Army participation) will be based on established evaluation and award criteria, which frequently includes—
 - (1) Technical operation/feasibility.
 - (2) Delivery.
 - (3) Cost.
- i. The DOIM will submit individual RFSs to the USARCCO before the contract is implemented. The USARCCO will convert them to TSRs and transmit them directly to DCA.

4-3. Acquisition plan

The acquisition plan is the first planning document in the large system procurement cycle. It is the basis for development of the PS and provides sufficient information to allow the USARCCO and DECCO to determine what method of acquisition will best satisfy the user's needs.

4-4. Procurement package

- a. The procurement package is a key document that directly affects the solicitation, proposal, and final contract. The degree of achievements in satisfying the user requirement objective depends on—
 - (1) *Clarity*. Vagueness adversely impacts the vendor's/carrier's ability to realistically satisfy the user requirement.

Overly restrictive procurement packages, however, stifle creativity and alternate approaches that the carriers/vendors may offer for Government consideration.

(2) *Accuracy*. Inaccurately state requirements can cause unsatisfactory performance or incompatibilities with other information transfer services or equipment.

(3) *Completeness*. If information or requirements are missing from the package, the service might—

(a) Not be provided during installation.

(b) Be provided at a much greater cost.

b. The procurement package consists of the following documents:

(1) *Cover memorandum*. This memorandum should be addressed through channels to Director, USARCCO, ATTN: ASDA-D, Fort Huachuca, AZ 85613-5330. It must contain the RFS number, which validates the requirement, and an accurate PDC, which signifies funding has been programmed and is available. A funding statement is required, and the memorandum must cite the basis for procurement authority.

(2) *Executive summary*. This is a synopsis of the total requirement to be contracted out.

(3) *Statement of work (SOW)/PS*. The PS is the heart of any contracting action. It is the base on which Proposals are developed and offered, negotiations are conducted, and the contract is awarded and enforced. In addition to specifying requirements, the PS contains the proposal evaluation criteria by which the Government can determine if stated requirements will be met. A poorly written PS can yield a substandard/unacceptable end result, delay in service, increase in contract price and administrative costs, and disputes between the Government and contractor. PSs are discussed further in paragraph 4-5.

(4) *Data item description (DID)*. The DID addresses manuals, reports, procedures, and so forth that the contractor must provide in addition to the basic services being contracted. DIDs are submitted on a DD Form 1664 (Data Item Description). Use or modification of existing DIDs requires coordination with local procurement, contracting, and/or engineering office. Modifications should be made on addendum sheets.

(5) *Contract data requirements list (CDRL)*. The CDRL provides the schedule to fulfill those items listed in the DD Form 1664. Each paragraph in the PS that refers to a deliverable item should reference the appropriate CDRL. The CDRLs are completed on DD Form 1423 (Contract Data Requirements List).

(6) *Evaluation criteria*. The evaluation criteria are tailored to the PS and should include the following:

(a) A list of evaluation factors and subfactors and their relative order of importance.

(b) A narrative description of each factor.

(c) Identification of any factor or subfactor of such importance that an unsatisfactory rating could render a proposal unacceptable/nonresponsive.

(d) Instructions to offerors on the format and content of offerors of proposals to be evaluated.

(e) Anticipated system or operating service life, including mean time to repair (MTTR) and mean time between failure (MTBF).

(f) Instruction on purchase options and how and/or if they will be evaluated.

(7) *Vendor clearance*. If vendor clearance is required, a DD Form 254 (Contract Security Classification Specification) must be included as part of the procurement package.

(8) *Lease/purchase analysis*. If equipment is requested, a lease vs purchase analysis is required.

4-5. Performance specification

a. The objectives of the PS are to—

(1) Communicate to industry what is required to be responsive to the solicitation.

(2) Serve as the basis to—

(a) Technically evaluate alternate solutions offered by industry to meet stated requirements.

(b) Determine if proposed equipment will perform correctly once in service.

(3) Serve as the foundation for either accepting or rejecting delivered supplies or services.

(4) Define what the Government should be getting for what it is spending.

b. The following guidelines should be used in preparing a PS. Preparers should—

(1) Use concise terms and ensure the meaning is clear. If a description is unclear, it should be rewritten until there can only be one reasonable interpretation by all parties.

(2) Take a moderate attitude regarding adequacy. If the PS is too broad, the contractor may deliver a product that does not satisfy the Government's needs. The contractor could force the Government to incur service delays or financial damage. Conversely, rigid restrictions—

(a) Inhibit a contractor's creativity and innovativeness.

(b) Restrict competition.

(c) May result in sustainable protests.

(3) Use generic language to the extent possible without sacrificing the technical specifics needed to define performance parameters. Frequently, diagrams or schematics that illustrate how and where desired equipment will operate and with what it must interface are helpful.

(4) Attach properly dated, pertinent reference documents to the PS or indicate where such documents can be obtained.

(5) Determine if military or Federal specifications are applicable and available. The PS should include desired/required details when necessary, such as capacity/speed, interfaces, required MTBF/MTTR, required/optional features, and capabilities. Preparers should describe input and required output, and physical characteristics. Specifications for commercial items may use normally advertised feature terms such as “continuous carrier,” “push-to-send,” and so forth.

(6) Indicate whether the vendor will require security clearances and enclose DD Form 254 if necessary.

(7) Separate general and background information from directions and contractor responsibilities.

(8) Specify accurately the period of performance or delivery schedule in terms of days of elapsed time.

(9) Show proper quantities.

(10) Define what the hardware must do, reliability, TEMPEST requirements, interfaces with circuits, connectors, compatibility with existing equipment, and so forth.

(11) Determine if the equipment will produce results consistent with project objectives.

(12) State what training is desired from the carrier or vendor or that none is required.

(13) Address the required maintenance response time.

4-6. Technical evaluation conference

a. Depending on the complexity of the requirement and the number of proposals received, the user organization may need to attend the technical evaluation conference. The primary objective of the conference is to ensure the proposals received are technically sufficient to satisfy the requirement.

b. The panel members will—

(1) Review each proposal and rate it according to the evaluation criteria in the procurement package.

(2) Provide full justification for each element to substantiate the rating given.

4-7. Sole source acquisition

a. The Competition in Contracting Act (CICA) of 1984 (PL 98-369) ensures maximum competition. It severely restricts the use of sole source acquisitions and any other methods of limiting competition. Anyone who provides false or deficient information in the sole source justification is culpable for fraud and abuse under the CICA law. Sole source acquisition is permitted in the following instances:

(1) Only one responsible source when—

(a) Only one vendor/carrier can satisfy a customer’s basic, minimum requirement or provide unique supplies or services.

(b) Completion of follow-on contracts for the continued development of a major system or network would result in substantial duplication of cost (that will not be recouped through competition) or unacceptable delays in fulfilling the user’s requirements.

(c) A carrier/vendor has submitted an unsolicited research proposal that demonstrates a unique and innovative concept that otherwise would not be available to the Government and does not resemble a pending competitive acquisition.

(d) Limited rights in data, patent rights, copyrights, or secret processes; the control of basic raw material; or similar circumstances make the equipment and services available from only one source. (The mere existence of such rights or circumstances does not, however, justify sole source procurement.)

(e) The agency head has determined in accordance with the agency’s standardization program that only specified makes and models of technical equipment and parts will satisfy the agency’s needs for additional units or replacement items, and only one source is available.

(2) Unusual and compelling urgency where a delay in award of a contract would result in serious injury, financial or other, to the Government. Lack of advanced planning or short lead times are not sufficient justification for sole source. If a requirement is submitted on this premise, the action will be held in abeyance until rejustified or certified for competition by the originator.

(3) Industrial mobilization or experimental, developmental, or research work when it is necessary to award the contract to a particular service in order to—

(a) Maintain a facility producer, manufacturer, or other supplier available for furnishing supplies or services in case of a national emergency or to achieve industrial mobilization.

(b) Establish or maintain an essential engineering, research, or development capability to be provided by an educational or other nonprofit institution or a federally funded research and development center.

(4) International agreements when a contemplated acquisition—

(a) Will be reimbursed by a foreign country that requires a product be obtained from a particular source as specified in official written direction, such as a letter of offer and acceptance.

(b) For services to be performed or supplies to be used, is the sovereign territory of another country and the terms of a treaty or agreement specify or limit the sources to be solicited.

(5) Compliance with statutes when—

(a) A statute expressly authorizes or requires that the acquisition be made through another agency or from a specified source.

(b) The agency needs a brand name commercial item for authorized resale.

(6) National security when disclosure of the Government's needs would compromise the national security (for example, would violate security requirements). This authority will not be used because access to classified matter is necessary to submit a proposal or to perform the contract.

(7) Public interest when the agency head determines that competition is not in the public interest in the particular acquisition.

b. The requesting activity will prepare sole source justification and certification. The commander or director of the requesting activity will certify that—

(1) The technical data presented in the justification are complete and accurate.

(2) The minimum needs, schedule requirements, and rationale for less than full and open competition are complete and accurate.

INFORMATION/DATA REQUIRED FOR
ABBREVIATED
TELECOMMUNICATIONS ACQUISITION PLANS
(OUTLINE)

AGENCY: USARCCO
COMPLETE MAILING ADDRESS: Director, USARCCO, ATTN: ASQA-DS,
Fort Huachuca, AZ 85613-5330
CONTACT: Jeri Adams TITLE/GRADE/RANK: Telecomm Spec, GS-13
TELEPHONE NUMBER: DSN 879-7905; COMMERCIAL (602) 538-7905

THE CONTRACTING OFFICER MAY DETERMINE, DUE TO THE COMPLEXITY AND/OR DOLLAR VALUE OF THE PROCUREMENT, THAT MORE INFORMATION MAY BE REQUIRED FOR THE PREPARATION OF A "FORMAL" ACQUISITION PLAN PRESCRIBED BY FAR 7.105.

EXCEPT WHEN SPECIFIED BY THE CONTRACTING OFFICER, THE USE OF THIS OUTLINE IS NOT REQUIRED FOR REQUIREMENTS TO BE ACQUIRED USING EITHER SMALL PURCHASE PROCEDURES OR INQUIRY/QUOTE/ORDER PROCEDURES.

1. STATEMENT OF NEED:

a. Background (summarize the technical and contractual history of the acquisition).

b. A synopsis describing the performance capabilities and/or technical characteristics of the required service(s), facilities, and equipment as appropriate (generally one or two paragraphs of information).

c. Estimated costs (monthly recurring, nonrecurring, special construction, and if acceptable, basic termination liability (BTL)).

2. APPLICABLE CONDITIONS:

a. Requirements for compatibility/interoperability--existing and future (generally one to four sentences). If none, state none.

b. Schedule, capability, performance, or funding constraints or intentions to request multi-year contracting (generally one to six sentences). If none, state none.

c. Indicate specific and/or unique technical requirements to be imposed (generally one to two paragraphs). If none, state none.

Figure 4-1. Sample of an acquisition plan outline.

3. PERFORMANCE PERIOD/DELIVERY SCHEDULE:

a. Specify the anticipated in-service/operating/contract performance period of the required telecommunications.

b. Describe any requirements for priced options to change the initially contracted service, facilities, or equipment and/or to extend the time period of the contract. If none, state none.

c. Explain reasons for 'any urgency.' If it constitutes justification for not providing for full and open competition (FAR 6.302-2), then it may be described in the justification for other than full and open competition if submitted concurrent with the telecommunications acquisition plan outline. If none, state none. State NSEP candidate, if applicable.

4. RISKS: Discuss technical, cost, and schedule risks and describe what efforts are planned or underway to reduce risk and the consequences of failure to achieve goals (generally one to six sentences). If none, state none.

5. SOURCES:

a. If known, indicate possible sources of required service(s), facilities, and equipment. Include consideration of small business (generally three to four sentences). If none, state none.

b. Describe market survey results, if conducted.

c. Provide rationale if other than full and open competition is being contemplated.

6. SOURCE SELECTION:

a. Identify your proposed approach to proposal evaluation, i.e., contracting officer to convene panel, organizations/agencies to participate, etc., at DECCO or other location.

b. Identify technical and any other factors to be evaluated (technical evaluation plan).

7. MANAGEMENT INFORMATION REQUIREMENTS: Describe what management system will be used for government monitoring of the contractor's effort, e.g., COTR.

Figure 4-1. Sample of an acquisition plan outline—Continued.

8. TEST AND EVALUATION: Describe planned approach/ requirements/assigned responsibility for government approval of contractor developed test plans and government approval of the results of contractor applicable, state not applicable.

9. LOGISTICS CONSIDERATIONS:

a. Contractor maintenance and servicing requirements (generally one to three sentences). If none, state none.

b. Reliability, availability, maintainability, quality assurance, and planned use of warranties (generally two to four sentences). If none, state none.

c. Requirements for contractor data and data rights (unlimited/limited/restricted) (generally one to three sentences). Generally not applicable to commercial off-the-shelf items. If none, state none.

d. Government furnished information and/or property to be supplied to the contractor. Indicate availability. If none, state none.

e. Describe any/all security requirements, how to be established, and who is responsible for its maintenance (furnish DD 254 when required). If none, state none.

10. MILESTONES: Identify time frames for delivery, implementations, and test-acceptance milestone schedules (include dates if available).

11. OTHER CONSIDERATIONS: Add any other factors pertinent to this acquisition.

12. PARTICIPANTS: If a team approach was used, list names, agency, title, grade/rank, telephone number, and mailing address of each individual participant in acquisition plan preparation.

Figure 4-1. Sample of an acquisition plan outline—Continued.

Chapter 5 Completion Reporting Procedures

Section I Miscellaneous

5-1. Introduction

- a. Completion reports are an integral part of the leasing action cycle.
- (1) Their primary purpose is to alert DECCO (or GSA for local GSA services) that—
 - (a) The carriers/vendors have provided the leased portions of the TSO or GSA service requirement.
 - (b) DECCO (or GSA for GSA service) can initiate payment for those services or equipment.
 - (2) The secondary purpose, particularly for Government furnished equipment (GFE) or Government provided facilities, is to inform all concerned that—
 - (a) The service has been provided.

(b) The action can be retired from active requirement status to the circuit history files.

b. When TSRs are for leased equipment only (such as facsimile devices), TSOs are not issued. In these instances, the TSR will be treated as the TSO. This means the activity designated in item 409 of the TSR will submit all applicable completion reports. In this chapter, the term "TSO" is synonymous with an equipment-only TSR.

5-2. General

a. For actions requiring an RFS, DCA will designate the circuit control office (CCO) or circuit management office (CMO) in the TSO. The CCO/CMO will submit the appropriate completion report. The CCO/CMO responsibility will be assigned to—

(1) A DCS technical control facility when the service traverses a technical control.

(2) The activity that is best suited to submit the completion report (for example, the USAISC element versus the subscriber for OPX service) in other cases.

b. RFS preparers will identify the CCO/CMO (if known) in item 409 of every RFS.

c. The USARCCO will identify the CCO/CMO in the TSR. If the requester fails to identify a CCO/CMO, the USARCCO or DCA will designate one.

d. Completion report formats for GSA services are different. They are discussed in paragraph 5-8.

Section II Completion Reports

5-3. Types of reports

Three distinct completion reports cover all TSO actions. They are—

a. In-effect reports. (See para 5-5.)

b. Exception reports. (See para 5-6.)

c. Delayed service reports. (See para 5-7.)

5-4. Submission

Completion reports are designed for computer processing. The formats must be followed precisely.

a. These reports will be submitted by message to the originator and all addressees of the TSO.

b. Messages should contain CIC DJBT to ensure that the completion report is processed directly to the computer.

c. Although multiple completion reports may be submitted using the guidelines for multiple RFSs, a multiple completion report cannot contain more than one type of report. (See para 3-15.) (For example, one multiple completion report cannot contain both an in-effect and an exception report.)

5-5. In-effect reports

The CCO/CMO will submit in-effect and multiple in-effect reports on DD Form 173/2. (For example, see figs 5-1 and 5-2, respectively.) These reports will be submitted within 72 hours of completion of total, end-to-end service as specified in the TSO. These reports are the final documents in the leasing process. DECCO uses them as certification that the service was provided as requested and the vendor/carrier can be paid as of the date the service was provided. The CCO/CMO will forward copies directly to the originator and all addressees of the TSO. In-effect reports will contain the following:

a. Subject: Enter "in-effect report" or "multiple in-effect report."

b. Reference: Identify the TSO.

c. Item 1: Enter the complete TSO number from the subject line of the TSO.

d. Item 2: Enter the TSR number from the TSO, paragraph 2N, or item 101 of the TSR.

e. Item 3: Enter the CCSD or trunk identification (ID) from the TSO, paragraph 2A.

f. Item 4: Enter CSA(s) from the TSO, paragraph 5C, or other source, such as completed leasing action message (CLAM) or the circuit demand. Enter NA if no commercial lease is involved.

g. Item 5: Enter the type action from the TSO, paragraph 2C, or item 103 of the TSR.

h. Item 6A: Enter the date, time, month, and year of the total, end-to-end completion of service.

i. Item 6B: Enter the date, time, month, and year that commercial service was provided in the same order as CSAs in item 4. Enter NA when no commercial service has been requested. If more than one CSA per TSO was issued (for example, one CSA issued to a carrier for the circuit and another CSA issued to a vendor for equipment), list each CSA and the date service was provided.

j. Item 7: Enter any administrative comments.

5-6. Exception reports

a. The CCO/CMO will submit exception reports when service is accepted with some exceptions to or deviations from the details of the TSO or technical parameters of the specified technical schedule. Before accepting service, the

CCO/CMO will advise the USARCCO of those technical parameters failing to meet established standards. The USARCCO, in turn, will advise the station or activity if service is to be accepted.

b. If leasing actions are involved, the station or activity designated in the TSO will contact the local sales office of the commercial carrier 5 workdays before the scheduled service date to ensure that the service date will be met.

c. Sample exception and multiple exception reports are prepared on DD Form 173/2 as shown in figures 5-3 and 5-4, respectively. These reports—

- (1) Are submitted by the CCO within 72 hours of completion of action specified in the TSO.
- (2) Must be followed by an in-effect report when the exceptions are cleared.

d. Exception reports will contain the following:

- (1) Subject: Enter “exception report” or “multiple exception report.”
- (2) Reference: Identify the TSO.
- (3) Item 1: Enter the complete TSO number from the subject line of the TSO.
- (4) Item 2: Enter the TSR number from the TSO, paragraph 2N, or item 101 of the TSR.
- (5) Item 3: Enter the CCSD or trunk ID from the TSO, paragraph 2A.
- (6) Item 4: Enter CSA(s) from the TSO, paragraph 5C, or other source, such as the CLAM. Enter NA if no commercial lease is involved.
- (7) Item 5: Enter type action from the TSO, paragraph 2C, or item 103 of the TSR.
- (8) Enter date, time, month, and year of total, end-to-end completion of service.
- (9) Item 6B: Enter the date, time, month, and year commercial service was provided in the same order as the CSAs in item 4. Enter NA when no commercial service has been requested.
- (10) Item 7: Enter the appropriate exception code from table 5-1.
- (11) Item 8 (mandatory): Enter narrative remarks about items that are not provided as specified in the TSO, to include—
 - (a) A statement of which parameters could not be met with actual readings compared to required readings.
 - (b) Identification of the authority or activity that authorized acceptance of substandard service.
 - (c) Statement of which specifications could not be measured, with reason and location.
 - (d) Lack of response by a commercial carrier by name and location.
 - (e) Proposed corrective action, if any, with estimated date and time for completion of corrective action.
 - (f) Any other remarks that will explain the exceptions.

5-7. Delayed service reports

a. Delayed service reports—

(1) Notify all addressees that the scheduled service date cannot be met due to commercial vendor delays, Government delays, or both.

(2) Provide the date the commercial carrier/vendor supplied the services (so DECCO can begin payment) and alert all addressees that total end-to-end service has not been achieved. This allows the USARCCO to remain in the leasing channels to assist in resolving delays in end-to-end service.

b. Due to recent tariff changes, it is important for the CCO/CMO to submit a delayed service report as soon as it knows that a Government activity will cause a delay in fulfilling the total requirement. For example, if the USARCCO knows that a slippage is foreseen, it can determine whether to let the vendor continue as directed or to slip the service date (or cancel the requirement and resubmit later) and incur the associated penalties. The closer to the service date this slippage occurs, the more severe the penalty.

c. The CCO/CMO will confirm all verbal or telephonic reports within 72 hours by message addressed directly to the originator and all addressees of the TSO.

d. Examples of delayed service and multiple delayed service reports are prepared on DD Form 173/2 as shown in figures 5-5 and 5-6.

e. Delayed service reports will contain the following:

- (1) Subject: Enter “delayed service report” or “multiple delayed service report.”
- (2) Reference: Identify the TSO.
- (3) Item 1: Enter the complete TSO number from the subject line of the TSO.
- (4) Item 2: Enter the TSR number from the TSO, paragraph 2N, or item 101 of the TSR.
- (5) Item 3: Enter the CCSD or trunk ID from the TSO, paragraph 2A.
- (6) Item 4: Enter CSA(s) from the TSO, paragraph 5C, or other source, such as a CLAM. Enter NA if no commercial lease is involved.
- (7) Item 5: Enter the type action from the TSO, paragraph 2C, or item 103 of the TSR.
- (8) Item 6A: Enter the date, time, month, and year specified in the TSO, paragraph 2D.
- (9) Item 6B: Enter the date, time, month, and year commercial service was provided in the same order as the CSAs in item 4. Enter NA when no commercial service has been requested.

(10) Item 7: Enter the appropriate delayed service code from table 5-2.

(11) Item 8: Enter the date, time, month, and year total, end-to-end service is expected to be provided. Enter UNKN if unknown. If UNKN, submit a report every 30 days until a firm date is established.

(12) Item 9 (mandatory): Enter the reason for the delay. If the delay is caused by a commercial carrier/vendor, enter the reason for the delay provided by the carrier/vendor and the name of the company. State if the user equipment or facilities are not installed or capable of operation, and enter any other remarks that will explain the delay.

f. An in-effect report will follow a delayed service report within 72 hours of total, end-to-end service.

5-8. Completion reports for GSA service

Completion reporting procedures for GSA requirements are different from those actions requiring RFS submission. A completion report must be submitted within 3 days of completion of service. The intermediate command may task any element to provide the completion report to all concerned. An example of a completion report for GSA services is at figure 5-7.

**Table 5-1
Exception codes**

Code	Description
A	For trunks. Activated on group, supergroup, mastergroup, or system other than that specified in the applicable TSO. (Can only be used with prior approval of the DCA action agency.) For circuits: Activated on trunk channel other than that specified by the TSO. (Can only be used with prior approval of the DCA action agency.)
B	For circuits or trunks. Activated under marginal conditions due to lack of equipment; for example, reduced power operations for trunks, regenerative repeaters for circuits, and so forth
C	For circuits or trunks. Activated under marginal conditions due to path limitations; for example, unusable frequency for trunks, marginal channel for circuits.
D	For trunks. Activated under marginal conditions preventing system operation at full channelization.
E	For circuits only. Activated without security when TSO specified secure operation.
F	For circuits or trunks. Activated without complete testing due to lack of all required test equipment.
Z	For circuits or trunks. Activated with exception for reasons other than those covered by any of the above. See circuit or trunk history file for details.

**Table 5-2
Delayed service codes**

Code	Description
A	No user equipment
B	Insufficient equipment at a terminating Technical Control.
C	Inadequate or no commercial facilities available through DECCO.
D	Inadequate or no commercial facilities available through any source.
E	Insufficient equipment at a nonterminating location.
F	Path will not meet DCS specifications.
G	Wiring problem.
H	Circuit or trunk awaiting testing.
L	Failure of commercial carrier to respond to inquiry.
M	Entry to premises denied to installation due to lack of security clearance or prior coordination.
Z	Other than specified above.

**Chapter 6
Communications Management and Reporting Procedures**

6-1. General

This chapter provides information on communications management and reporting procedures for O&M activities.

6-2. Reporting service degradations or interruptions.

a. The USAISC supporting or area DOIM will develop procedures for reporting service degradations or interruptions—

(1) For overseas areas or those facilities receiving service via the DCS, DCAC 310755?1 applies. Additional reporting criteria apply to 7th Signal Command subordinate activities.

(2) For leased services, the USAISC supporting or area DOIM will receive trouble reports from local users for evaluation and subsequent reporting to the carrier, vendor, or responsible contractor. When the service—

(a) Is composed entirely of leased facilities, the USAISC supporting or area DOIM will report the trouble to the local carrier representative.

(b) Includes both Government-owned and leased facilities, the USAISC supporting or area DOIM will make every reasonable effort to ensure that the trouble is not caused by the Government-furnished portion of the service before reporting the degradation or interruption. The Government may be liable for the payment of maintenance when a commercial representative visits the premises at the request of the customer and the problem is determined to be in the Government-owned portion of the service.

b. AUTODIN subscribers will submit an AUTODIN tributary unsatisfactory service report as required by DCAC 310-D70-30. Indirect access to automated multimedia exchanges AUTODIN subscribers will submit unsatisfactory service reports to the Director, USARCCO, ATTN: ASQA-DD, Fort Huachuca, AZ 85613-5330. An unsatisfactory service report will be submitted for the following:

- (1) Any interruption of send or receive capability caused by unsatisfactory maintenance support, for example—
 - (a) Excessive response times.
 - (b) Incorrect restoral procedures.
 - (c) Repetitive malfunctions.
 - (d) Lack of power or air conditioning support.
 - (e) Other conditions that disrupt normal service.
 - (f) Excessive or repetitive circuit outages.
- (2) Paragraph not used.

c. If the leased communications service or maintenance is not satisfactory after efforts to resolve the matter with the carrier/vendor, the USAISC supporting or area DOIM will submit a narrative report with full details through command channels to the Director, USARCCO, ATTN: ASQA-D, Fort Huachuca, AZ 85613-5330.

6-3. Reporting modified use of leased communications facilities.

a. *General.* The USAISC supporting or area DOIM will submit DD Form 1368 (Modified Use of Leased Communications Facilities) to report any modified use of leased communications facilities that could result in additional payments due or credits from the carrier/vendor. This form can be obtained from Commander, USAISC Activity-FH, ATTN: Installations-PCO, Ft. Huachuca, AZ 85613-6000. These reports permit DECCO to correlate and validate bills before payment or collection. Reports will be submitted for—

- (1) Interruptions or degradations of high value, leased circuits (\$1,000 MRC or more exclusive of any subscriber rate code (SRC)) if they are not caused by—
 - (a) Negligence of the user.
 - (b) Failure of customer-provided equipment or facilities.
- (2) The emergency activation of part-time circuits during closed hours.

b. *Interruption reporting.*

(1) Tariffs, GSA, Federal supply schedule, and communications services contracts prescribe that credits will be allowed for unscheduled interruptions. Interruptions caused by customer provided equipment or facilities or customer negligence are exceptions. Interruptions must meet the following minimum criteria for credit eligibility:

- (a) Restoration of an interrupted service must be the contractor's responsibility, and the interruption must have been reported to the contractor's representative.
- (b) Transoceanic services leased from U.S. common carriers must have been interrupted for 30 consecutive minutes or more.
- (c) Outages on both maintenance and equipment leases must have an MRC greater than \$1,000.
- (d) International services provided by foreign carriers must have been interrupted for 180 consecutive minutes or more.
- (e) Exchange services leased under interstate tariffs must have been interrupted for 24 hours or more. Credit must be specifically requested.

(2) Reports on interruptions to unique and special services, as specified by DECCO or the TCO, will be submitted as outlined in paragraph c below.

(3) Reports will be submitted—

- (a) On services that suffer extended or frequent interruptions when the contracting officer's assistance is sought to improve service reliability.
- (b) When services are released to the contractor for preventive maintenance, realignments, and so forth for what appears to be an excessive number of times or for extended periods.

c. *Preparing and submitting interruption reports.*

- (1) Instructions for completing DD Form 1368 are at table 6-1.
- (2) Submit a separate DD Form 1368 for each calendar month that there has been any modified use that affects the cost of the service.
- (3) Do not report the termination of operations because of—

- (a) Power or air conditioning failures (when not furnished by the carrier).
- (b) Evacuation of buildings.
- (4) If the interruption is to transoceanic services leased by DECCO—
 - (a) From an international carrier and the duration of the interruption is less than 450 minutes during any calendar month, mail an information copy to the Director, Defense Communications Agency, ATTN: DTT, WASH DC 20305-2000.
 - (b) From a U.S. carrier and the duration of the interruption totals 450 minutes or more during any calendar month, in addition to the copy mailed to DECCO, submit a message report to DCA within 5 workdays after the end of the month. Submit the DD Form 1368 by facsimile or, if facsimile service is not available, by mail to Director, DCA TMSO, Scott AFB, IL 62225-8301. As an alternative, send a message report to DECCO with an information copy to DCA TMSO.
- (5) Submit to DECCO a copy of the report signed by a Government official when reporting—
 - (a) The overtime use of part-time circuits.
 - (b) The emergency activation of part-time circuits during closed hours.
 - (c) Other actions that will result in an increase above the normal costs of the service as contained on the CSA.
- (6) Sign outage reports at the operating level and include the AUTOVON number of a POC to assist in resolving discrepancies—
 - (a) Between the information contained in the reports and the amount of outage in the carrier's credit bill.
 - (b) In the interruptions chargeable to the carriers.
- (7) When possible, resolve the interruptions to be reported with the contractor. Include the comments of the contractor's representative in the report.
- (8) Use procedures in DCAC 350-135-1 with DECCO-Europe Supplement 1, chapter 8, for reporting outages in Europe.

6-4. Unsatisfactory service of commercially provided service

- a. Certain services from commercial vendors may result in a loss of visibility by not—
 - (1) Meeting the existing reporting criteria.
 - (2) Traversing a reporting facility.
- b. When a record of excessive outage or degraded performance cannot be resolved by local coordination with the vendor, the USARCCO, as TCO, should be notified. To ensure that users receive optimum service, USARCCO will—
 - (1) Coordinate with DECCO.
 - (2) Coordinate with the vendor for non-DECCO contracts.
- c. Reports of unsatisfactory service should—
 - (1) Be submitted by message to DIRUSARCCO FT HUACHUCA AZ //ASQA-D//.
 - (2) Contain a chronological listing of the following:
 - (a) Events relating to the unsatisfactory service.
 - (b) All attempts to resolve the problem with the local commercial vendor.
 - (2) Provide a POC from the submitting activity.

6-5. GSA telephone line trouble call reporting

- a. As part of the initial GSA service training, the local or supporting GSA Communications Support Office will provide each user with names, telephone number, and specific instructions for trouble call reporting. Users who need that information should contact the GSA office.
- b. Users should—
 - (1) Obtain their local POTS vendor assistance in verifying that the trouble is not equipment-related. If trouble is equipment related, the POTS vendor is responsible for correcting the problem.
 - (2) Report all GSA line problems immediately to the GSA supporting activity after having determined that the trouble is not equipment-related.
 - (2) Advise their area or supporting DOIM of the GSA line problems after notifying the proper GSA office.

Table 6-1
Instructions for completing DD Form 1368

Item no.	Item title	Instructions
1	CSA circuit number	If the DECCO CSA number is not known and cannot be obtained before the submission deadline, enter detailed information pertaining to contractor, commercial circuit number, type of equipment, model, and serial number.
2	CCSD number	Enter the CCSD.
3	Reporting period	Self-explanatory.
4	Report control symbol	Leave blank.
5	To	Enter Commander, DDECCO, ATTN: Code D660, Scott AFB, IL 62225-8301. Send an information copy to Director, USARCCO, ATTN: ASQA-E, Fort Huachuca, AZ 85613-5330.
6	From	Self-explanatory.
7	Terminal points	Self-explanatory.
8	Modified use	Check outage, overtime, EMC (engineered military circuit) Activation, or Other.
9	Time started	List each modified use of a facility during the preceding month that should be reported under the criteria contained in this chapter. The time started for recording interruptions should be the time that the service was released by an authorized agent of the U.S. Government to the carrier as being acceptable. (Degraded service that remains in use is not normally considered interrupted, and is, therefore, not eligible for credit.)
10	Time ended	The time ended should be the clock time that the service was returned by the carrier as having been fully restored. If the service is still unacceptable after a reasonable time, the carrier will be notified and the interruption will be considered as one continuous interruption from the time that it was originally reported.
11	Duration	Enter hours and minutes that outage occurred.
12	Reason for modified use	Enter the reason for the modified use for interruptions to transoceanic services using the applicable outage code shown in DCAC 310-55-1.
13	Con rep (Contracting officer's representative)	Identify the contractor's representative who accepted the modified use report.
14	Remarks	Provide a brief explanation of the modified use. For example, if the reason for modified use was to extend the circuit hours beyond the normal closing time to clear a backlog, explain the unusual factors that caused the backlog. If a service was interrupted, identify the location and nature of the trouble. When there is a doubt as to whether a specific problem should be reported, include detailed information pertaining to the interruption in this column. For example, if an interruption extended past the release time granted to a carrier, make two entries to fully explain the situation.

Chapter 7

Worldwide Automatic Digital Network Restoral Plan

7-1. General.

a. The Worldwide AUTODIN Restoral Plan (WARP), described in DCA Operation Plan (OPLAN) 1-84, establishes the procedures for ensuring traffic delivery during—

- (1) Contingency situations.
- (2) Outages.
- (3) High backlogs of traffic.
- (4) Normal closed hours.

b. The WARP consists of the following three phases:

- (1) Phase I—Traffic for a nonoperating terminal is altrouted to an alternate terminal connected to the same AUTODIN switching center (ASC)
- (2) Phase II—Traffic of a nonoperating terminal is altrouted to an alternate terminal connected to a different ASC.
- (3) Phase III—A designated critical subscriber is rehomed to an alternate ASC during home ASC failure or isolation. Upon successful rehome, traffic is processed to the subscriber's normal terminal equipment.

7-2. Precedence delivery

The ASC can segregate traffic by precedence and deliver each precedence category to a different alternate terminal station. The precedence categories are as follows:

- a. Category I—Flash and above.
- b. Category II—Immediate.
- c. Category III—Priority.
- d. Category IV—Routine.

7-3. Delivery

The ASC can segregate traffic to various alternate terminal stations based on a language media format (LMF) (card, paper tape, or magnetic tape). The LMF compatibility of the proposed alternate station must be verified. (See app C, item 310.)

7-4. Altroute criteria

Traffic altroute is initiated when the time criteria has elapsed. Each precedence category has separate time criteria. The codes for specifying altroute or restoral time are shown in table 7-1.

7-5. Traffic security

The highest security classification to be altrouted to the terminal location must be specified. This classification—

- a. May be different for each alternate terminal location.
- b. Cannot be higher than the classification that the alternate terminal location is authorized to receive.

7-6. Altroute request

The Altroute Validating Office (AVO), USARCCO, will—

- a. Validate all requests for altroutes and restoral parameters of General Service (GENSER) and Defense Special Security Communications System (DSSCS) users.
- b. Validate changes in hours of operation since these changes could affect alternate stations. The AVO will hold all such requests for 10 days before validation to allow time for nonconcurrency if necessary. This requires a minimum leadtime of 21 days after receipt by the AVO.

7-7. Altroute validating office procedures

- a. AVOs will—
 - (1) Review and forward AUTODIN altroute requests to DCA areas.
 - (2) Review annexes to ensure accuracy and completeness.
 - (3) Ensure that—
 - (a) Selected altroute tributaries are notified of their altroute responsibilities.
 - (b) Tributaries know how traffic will be restored.
 - (c) The DCA WARP annex includes instructions for disposition of traffic for each tributary.
 - (d) Coordinate with the Commander in Chief (CINC), as appropriate, on circuits and equipment to support Phase III restorals.
- b. Tributaries or subscribers will—
 - (1) Select and coordinate Phases I and II altroutes with alternate stations according to DCA OPLAN 1-84 and parent military department (MILDEP) or agency instructions.
 - (2) Submit Phases I and II altroute requirements and recommendations for assigned RIs to the AVO for approval. This procedure applies to—
 - (a) Establishing an altroute for a new terminal.
 - (b) Changing parameters of an existing terminal altroute.
 - (3) Provide traffic protection for all altrouted messages in accordance with the MILDEP or agency AVO agreements.
- c. Part-time tributaries or subscribers will—
 - (1) Perform the functions listed in paragraph a above.
 - (2) Submit altroute requests for disposition of traffic when in a closed posture.

7-8. Automatic digital network altroute requests

These procedures apply to establishing or changing a Phase I or II altroute.

- a. The principal (requesting) station will exchange a memorandum of agreement (MOA) with the proposed alternate station. This MOA will ensure that both stations understand their specific responsibilities. Information applicable to the alternate station (for example, chain of command, TCO, and so forth) will be obtained during exchange of the MOA.
- b. The principal station will submit the AUTODIN altroute requests on DD Form 173/2. (See fig 7-1 for an example.)
- c. Addresses of the principal station altroute request will address objections or amendments to all original message addressees within 10 days from the date of the message. Concurrence will be assumed for those stations that do not reply.
- d. After 10 days, the principal station AVO will—
 - (1) Exercise validation authority.
 - (2) Forward approved requests by message to—
 - (a) DCA for action.

- (b) All others for information.
- e. Receipt of the message cited in paragraph c above constitutes—
 - (1) AVO altroute approval for the principal and alternate stations.
 - (2) Approval for the DCA area to implement the requested altroute at the ASCs.
- f. The DCA area will implement the altroute request by contingency altroute program (CARP) table change (CTC) messages. The CTC messages will be issued to the ASCs as required.
- g. Unless otherwise specified, the preferred altroute is Phase I.
- h. When a requested altroute is required immediately—
 - (1) The connected ASC will be notified.
 - (2) The ASC will notify the DCA Area Communications Operations Center for implementation at the ASCs.
 - (3) The required altroute request message will be forwarded after the fact.
- i. Altroute requests will be submitted according to DCA OPLAN 1–84 and MILDEP instructions. AUTODIN altroute requirements for GENSER or DSSCS services—
 - (1) Will be submitted by message to DIRUSARCCO FT HUACHUCA AZ//ASQA?DD//.
 - (2) Will normally be unclassified.

7–9. Automatic digital network management Index extract update

DCA will verify the information and update the AUTODIN management index extract.

7–10. Automatic digital network switching center Implementation

ASCs will record the implementation and removal of all altroute actions as they occur.

7–11. Altroute information

Questions about AUTODIN altroute requests or DCA OPLAN 1–84 should be directed to the Director, USARCCO, ATTN: ASQA–DD, Fort Huachuca, AZ 85613–5330 (AUTOVON 879–7931).

Table 7–1
Time criteria codes

Code	Time criteria
O	Immediate altroute action (within the 1st hour).
Q	Altroute action after traffic queues.
3	Altroute after 3-hour outage.
8	Initiate Phase III restoral after a 3-hour outage at the direction of the area DCA AUTODIN controller.
N	No altroute required.

Chapter 8
Financial Management

8–1. General

- a. This chapter describes procedures relating to solicitation, programming, budgeting, and funding for services leased through the USARCCO.
- b. The USARCCO will supervise the life-cycle financial management of the Army Long-Haul Leased Communications Program.
- c. Customers will provide new requirements or decrements through solicitation budget submissions.

8–2. Solicitation procedures

- a. During February and March, the USARCCO will ask the MACOMs or user activities to forecast their long-haul leased communications requirements. This affords the MACOMs an opportunity to obtain funds for any unfinanced new requirements that are planned for implementation during the next 2 fiscal years (FY) and succeeding out years.
 - a. The following January, the USARCCO will provide—
 - (1) The current status of requirements received during the budget call.
 - (2) The user activities have one last opportunity to reevaluate their unfinanced communications requirements.
 - c. Although the specific format for submitting the requirements may change each year, the user activity or MACOM must be prepared, at a minimum, to provide the following:
 - (1) Complete justification for each new requirement (to include higher headquarters directive or tasking if applicable).
 - (2) Impact statements describing the effect of any decrements identified.

- (3) Estimated cost of service (both current FY and budget year).
- (4) Name of system or network.
- (5) Estimated service date.

8-3. Funding of unfinanced requirements

a. The USARCCO will make every effort to finance unprogrammed or urgent requirements with available USARCCO funding. When funding is not available, all non-DCP customers will submit to the USARCCO a DD Form 448-2 (Military Interdepartmental Purchase Request (MIPR)) to provide required funding.

b. The USARCCO will send a request for funds to the address in line 417 of the TSR. If a DD Form 448-2 is not received from the customer, the USARCCO will send a second request. If a third request is necessary, it will include the following statement: "If no response is received by suspense date, action will be initiated to disconnect service."

c. Customers with continuing service will submit a DD Form 448-2 to reach the USARCCO by 15 October each year. Reimbursements of a long-term or continuing nature will be considered for transfer as direct funding to the USARCCO.

a. During February and March, MACOMs will identify command-requested DA transfers for inclusion in the USARCCO Command Operating Budget. Funding remains the customer's responsibility until DA approves the funds transfer to the USARCCO. This process generally takes at least 2 years. Customers will coordinate transfers with—

- (1) The activity's MACOM that currently funds the requirement.
- (2) The USARCCO

e. Users with unfinanced requirements should contact their USARCCO account manager before submitting the RFS to prevent unnecessary delays in processing. A budget or financial POC (including AUTOVON number) will be included in item 417 of the RFPS for all unfinanced requirements.

8-4. Chargeback concept of long-haul telecommunications services

a. The chargeback concept is intended to allow user involvement in monitoring and controlling costs for services for which they are to be billed. The development of the budget process and accounting process to support this concept is ongoing. As an interim, the DCPS has been implemented and is currently under refinement.

b. Direct Customer Payment (DCP) became effective 1 Oct 86. It is a system of charging MACOMs for information services in order to sensitize them to their requests for information services and to encourage efficiencies and economies. MACOMs are required to manage their requirements within their financial abilities. Each quarter the USARCCO requests from each MACOM funding for their quarterly requirements. Reimbursable orders are provided to the USARCCO by the MACOM. Monthly feedback on requirements versus funding is provided to the MACOM by the USARCCO.

Chapter 9

Review and Revalidation of Long-haul Information Transfer (information Systems/Services Economy and Discipline Summary, RCS: ISC-54)

9-1. General

a. This chapter prescribes procedures for reviewing and revalidating long-haul information transfer services and facilities. All special purpose and certain general purpose services will be reviewed and revalidated biennially.

b. AR 25-1 assigns the responsibility for the R&R to the Commanding General, USAISC. This responsibility has been further delegated to the Director, USARCCO.

a. The following categories of service do not require a biennial R&R:

(1) AUTODIN services that are continuously reviewed through traffic or usage analysis and that satisfy the evaluation criteria. Exceptions are listed in paragraph d(3) below.

(2) General purpose AUTOVON access lines that are not engineered for any special features, with a maximum calling area precedence (MCAP) of routine, and a maximum calling area indicator (MCAI) of area or less. These lines are continuously reviewed through the USAISC traffic management program.

(3) Those common user services that fall under the purview of USAISC O&M command traffic management programs, such as the ETS, which is undergoing reconfiguration and installation.

(4) GSA service, which is reviewed and revalidated separately by GSA annually.

d. The following categories of service require biennial review:

(1) All special purpose, long-haul services (including facsimile devices) whether leased or Government furnished.

(2) AUTOVON access.

(a) Dedicated four-wire access.

(b) Emergency action console (EAC) four-wire access dedicated to a specific mission or function (for example, special purpose or command and control). This will include any service with a P/U code other than UB (common user).

(c) General purpose access engineered for any special features such as alternate voice/data, MCAP above routine, or MCAI greater than area.

(3) All AUTODIN services supporting special purpose or command and control requirements that are dedicated to a specific mission and limited to a specific group of customers. This will include any service with P/U codes other than UE (common user digital data), UA (common user teletypewriter (TTY) service), DI (Defense Intelligence Agency (DIA)), and DN (reserved for National Security Agency (NSA)).

9-2. Procedures

a. The USARCCO will—

(1) Provide MACOMs, USAISC, other USARCCO-supported agencies, and unified commanders with copies of the data base printouts. These printouts will show those long-haul, leased, and GFE telecommunications services used in their area of responsibility.

(2) Schedule the biennial R&R of all long-haul, special purpose circuits or services before submitting the Information Systems /Services Economy and Discipline Report.

b. Within CONUS—

(1) The USARCCO will furnish a source document (Automatic Data Processing (ADP) listing) that identifies special purpose services. This listing will be revalidated by—

(a) The USAISC supporting or area DOIM at each post, camp, or station.

(b) MACOMs.

(c) USAISC O&M commands.

(d) Other DA and non-DOD activities.

(2) The USAISC supporting or area DOIMs will furnish R&R statements to the local CONUS information management support board (IMSC) (or equivalent review panel in non-DOD agencies). (In this chapter, the DOIM's duties also apply to non-DOD agency headquarters.) The IMSC will review, approve, and forward the report for each installation as an enclosure to the summary and transmittal letter. MACOMs will transmit this consolidated report to arrive at USARCCO by the date specified on the transmittal letter.

c. Outside CONUS—

(1) The USARCCO will furnish the source document to USAISC subordinate commands for distribution to supporting Army staff agencies, MACOMs, and DOD activities within the supported geographical area.

(2) The USAISC supporting or area DOIM will revalidate and furnish statements to the IMSC.

(3) The IMSC will review, approve, and forward the statements to either the MACOM or the USAISC O&M command agreed upon. MACOM and DOD elements and USAISC subordinate commands will agree on which activity will prepare and submit the R&R summary for the supported geographical area. The summary will include savings resulting from R&R and may be forwarded through either MACOM or USAISC channels to USARCCO.

d. DOIMs or users will prepare a separate R&R statement for each information transfer service identified by the source document and include the statement in the final response transmitted to the Director, USARCCO, ATTN: ASQA-DS, Fort Huachuca, AZ 85613-5330. All information transfer service source documents must be returned. They are sequentially numbered for accountability and audit purposes. Detailed preparation instructions are in paragraph 9-3.

e. The USARCCO will retain a copy of the report on file according to policy for various inspection and audit purposes.

9-3. Instructions for review and revalidation statement, summary, and transmittal memorandum

a. *R&R statement.*

(1) The USARCCO will generate paragraph 1 by computer.

(2) The user will—

(a) Prepare paragraphs 2 through 4 and return to the USAISC supporting or area DOIM for consolidation and submission to the IMSC.

(b) Correct any errors noted on the source documents to enable the USARCCO to indicate data base changes.

(3) The IMSC will review paragraphs 1 through 4 and complete paragraphs 5 through 7.

b. *R&R summary.* The IMSC will—

(1) Complete the summary.

(2) Attach the R&R statements as enclosures.

(3) Forward the completed report through command channels to the USARCCO.

9-4. Evaluation criteria

When reviewing a requirement for retention, users will consider the essential characteristics, cost effectiveness, and usage information. If the service does not meet these criteria, it should be discontinued.

a. *Essential characteristics.*

(1) Operational requirements cannot be accommodated by general purpose service due to operational characteristics. Mission-oriented concerns, such as survivability and suitable mix of media, must be evaluated. Any service required for contingencies or command and control will be justified by one of the following:

- (a) Identifying the current supporting OPLAN.
- (b) Stating the mission requirement.

(2) Technical requirements cannot be accommodated by general purpose service due to technical incompatibility. (For example, a facsimile terminal cannot meet the specific requirements of the individual using agency.) A special purpose service could be justified if the general purpose terminal cannot process the format or size of graphic material being sent or received. Justifications must indicate why the general purpose facility cannot be upgraded to satisfy the requirement.

b. Cost effectiveness requires the following considerations:

(1) Can the service be obtained by DOD by more cost-effective means than by the use of the DCS general purpose systems? CSIF backbone charges will be excluded in the comparative analyses. Under this criterion, as a minimum, AUTODIN, AUTOVON, AUTOSEVOCOM, DDN, and other voice or data general purpose services must be considered.

(2) Can general purpose service with acceptable user modifications be used on an interim basis to determine if the requirement can be fully met by general purpose service?

(3) When a requirement cannot be fully accommodated by a general purpose service or be modified to operate within the existing general purpose service, can existing facilities be used on an interim basis until the requirement can be satisfied by a general purpose service?

(4) Whenever operationally and technically feasible and cost effective, can special purpose circuits be consolidated for shared use by multiple activities?

(5) Is the most economical means of satisfying the operational requirement always selected? For example, if the using agency is far enough from the general purpose terminal that the costs of pickup and delivery are greater than the cost of special purpose terminal, the special purpose terminal is economically justified.

c. Usage (voice or data) requires justification for retention of special purpose service. The justification must be supported by a comparison of accumulated usage data on the service required with actual performance for general purpose service.

(1) Include the average daily send-and-receive traffic figures for the preceding 3-month period (for example, bits, characters, and so forth). For dedicated data service, provide the number of line blocks in either 80- or 132-character line blocks as applicable.

(2) For dedicated TTY service, forward the number of messages and average length in 60-character lines.

(3) For dedicated voice service, provide the number and average length of calls.

d. Dedicated facsimile terminals are authorized only when the common-user terminal cannot meet the special requirements of the individual using agency or when common user service is not available.

Chapter 10

Systems Automation Management

10-1. General

a. The USARCCO provides centralized procedural and management guidance and visibility of telecommunications resources to assist activities in their management efforts.

b. The Army LCMIS—

(1) Processes and reports inventory and financial data relative to DCS and non-DCS worldwide.

(2) Consists of the following two data bases—

(a) Long-haul leased information transfer resources.

(b) GSA service information.

c. The Army DCPS—

(1) Processes and reports monthly financial invoice supporting documentation reports.

(2) Consists of a leased financial information data base.

d. This pamphlet addresses LCMIS long-haul reports and DCPS reports. To ensure the continuing accuracy of the LCMIS and/or DCPS, the recipients need to—

(1) Review the LCMIS and DCPS reports.

(2) Notify the Director, USARCCO, ATTN: ASQA-CA, Fort Huachuca, AZ 85613-5330, or any inaccuracies noted in LCMIS reports.

(3) Notify the Director, USARCCO, ATTN: ASQA-E, Fort Huachuca, AZ 85613-5330, of any inaccuracies noted in DCPS reports.

10-2. Leased communications management information system

The LCMIS long-haul provides—

- a. Army users with reports (in hard copy, diskette or microfiche) reflecting the current inventory and financial status of their leased communications resources.
- b. Accurate and adequate data to determine if existing services, facilities, and networks are effective and efficient.
- c. The visibility necessary to identify parallel or duplicate services. USAISC can reduce O&M costs by eliminating such services.
- d. Information for performing the—
 - (1) R&R of leased information transfer resources.
 - (2) ME of information transfer requirements.

10-3. Direct customer payment system

The DCPS provides

- a. MACOMs monthly financial status reports covering the expenditures of funds for the current month, cumulative year to date, and the estimated requirements for the remainder of the fiscal and budget year.
- b. MACOMs information for preparation of SF 1080s for MIPRs.
- c. DA information to identify and defend its budget at HQDA and Office of the Secretary of Defense (OSD).

10-4. Data Source

Long-haul data reported in the LCMIS and the financial/operational data reported in DCPS are derived from DCA and DECCO operational and financial data bases.

10-5. Leased communications management Information systems reports

The LCMIS provides the following flexibility for reports:

- a. Data selection from the following 35 data elements:
 - (1) Account manager code.
 - (2) AUTOVON-type service.
 - (3) CCSD.
 - (4) Commercial circuit number.
 - (5) Detail interexchange channel (IXC) charges.
 - (6) Equipment charges.
 - (7) Equipment mode.
 - (8) From—city.
 - (9) From—geographic reference.
 - (10) From—location (city and state).
 - (11) From—State.
 - (12) GOS.
 - (13) Incoming preemption.
 - (14) Local channel cost.
 - (15) Maximum calling area.
 - (16) Master equipment reference list (MERL) number.
 - (17) Precedence.
 - (18) Network.
 - (19) Overhead cost.
 - (20) PDC.
 - (21) RP.
 - (22) Route and dual code.
 - (23) SRC.
 - (24) Subordinate command code (positions 5 and 6 of the PDC).
 - (25) Suspense indicator.
 - (26) Service availability.
 - (27) Service mode code.
 - (28) Tariff classification.
 - (29) TSR number.
 - (30) Telephone number.

- (31) To—city.
- (32) To—facility code.
- (33) To—geographic reference.
- (34) To—State.
- (35) From—facility code.
- b. Data selection by network (for example, AUTOVON, AUTODIN, nonswitched systems, and all networks).
- c. Up to six sorts on the data elements selected.
- d. Three separate types of report formats as follows:
 - (1) One line of data.
 - (2) Two lines of data.
 - (3) Financial data.
- e. Requested report in hard copy, microfiche, both hard copy and microfiche, or diskette. If diskette is requested, include type of operating system (MS-DOS, Xenix) preference.
- f. Number of copies.
- g. Table 10–1 briefly describes the columnar headings, abbreviations, and definitions in the long-haul reports.

10–6. Direct customer payment system reports

The DCPS provides the following basic selection criteria for reports—

- a. Data selection is based on the various codes in the PDC listed below—
 - (1) Theater.
 - (2) Type of funding.
 - (3) Type of service.
 - (4) Major command.
 - (5) Subcommand codes within major command.
- b. A limited number of computer-generated reports, based on each of the above. The requirements may differ in content, primary and secondary sort sequence.
- c. Two separate types of reports.
 - (1) Monthly management reports.
 - (2) Monthly invoice supporting documentation reports.
- d. Table 10–2 briefly describes the columnar headings, abbreviations and definitions in DCPS reports.

10–7. Requests for reports

- a. Users may submit requests for a new report, change in the format of an existing report, cancellation of an existing report, and requests for further LCMIS report information to the Director, USARCCO, ATTN: ASQA–CA, Fort Huachuca, AZ 85613–5330,
- b. DCPS MACOMs may submit requests for new DCPS reports to Director, USARCCO, ATTN: ASQA–CA, Fort Huachuca, AZ 85613–5330.

Table 10–1
LCMIS reports columnar headings

Abbreviation	Description
PDC or PDC BASE SFX	PDC—A six-position code used to identify the funding activity responsible for reimbursing DECCO for the cost of the service and other Army management and administrative requirements.
CCSD	CCSD—An eight-position code that identifies the agency, purpose and use, category of service, and unique number for a service.
CIRCUIT ID or CIRCUIT ID TEL PR TYPE CKT SFX FROM LOC/FAC/G REF or FROM LOCATION PCS/CTY ST FAC TO LOC/FAC/G REF or TO LOCATION PCS/CTY ST FAC E M LTI MERL	The DECCO assigned order number that authorizes a commercial company to provide and bill for a service.
SM	An eight-position post, camp, station, or city contraction with a two-position state or country code representing one end of a service. The facility code defines the physical site where the "from location" terminates. The geographic reference code assigned by DECCO represents the from rate center of IXC or local channel mileage records. Same as above for the other end location of a service.
	L=precedence code, T=maximum calling area code, and I=incoming preemption code. Master equipment reference list. A six-character code that identifies the equipment associated with the service.
	Service mode code. Indicates the mode of service being provided to the subscriber of the AUTOVON access line.

Table 10-1
LCMIS reports columnar headings—Continued

Abbreviation	Description
BAUD	Not used.
SRC	Subscriber rate code. A two-position code that determines the backbone cost a subscriber will be charged for common user services, such as AUTOVON or AUTODIN.
GR	Grade code. Indicates the speed or grade of operation associated with the type of service.
RP	Restoration priority. A two-position code assigned by an NCS user that indicates the priority in which a carrier should restore disrupted service.
SA	Service availability code. Indicates the number of hours per day a service is available for use.
TEL NO	AUTOVON telephone number. Indicates the telephone number assigned to an AUTOVON access line.
TC	Tarriff classification. Indicates if the service is within or between States.
RT	Routing code. Indicates the type of routing of a service (for example, no restrictions, diversity, avoidance, and so forth).
AM	DECCO account manager who has the administrative responsibility for the circuit.
NET	Network code. Internal USARCO code based on the third position of the PDC.
EQUIPEMENT	The normal monthly charge for equipment and other related recurring service charges not reflected in other money fields.
SUB-RATE	Subscriber rate costs. The charges for access to switched networks by AUTODIN or AUTOVON subscribers at predetermined rates. Rates are based on SRC.
DET-IXC	Detail interexchange channel mileage charge.
LOC-CHAN	Local channel charge. Normal monthly charge for intracity mileage.
OVERHEAD	Overhead charge reflects the monthly 1.5 percent service charge assessed by DECCO against the detail IAX , equipment, local channel, and TELPAK IXC charges.
NON-REC COST	Nonrecurring cost. A one-time charge for the installation, move, and so forth, of equipment or local channel mileage.
MTH-REC-COST.	Monthly recurring cost. The normal monthly charge for equipment or mileage that does not have a liability.
SI or S	Suspense indicator. An asterisk in this column indicates the service has not been activated.
DI or D	Duplicate indicator. An asterisk in this column indicates that the record appears twice on the report. When the "FROM" and "TO" locations are not the same, a duplicated record is created with the "TO" location in the "FROM" location field. A sort on the "FROM" location will show all services terminating at one location.

Table 10-2
DCPS reports columnar headings

Abbreviation	Description
PDC	Program designator code.
CSA NUMBER	Commercial service authorization number.
DCA FROM LOC	DCA from location.
DCA TO LOC	DCA to location.
CCSD	Command communications service designator.
A-PDC	USARCCO PDC.
SRC	Subscriber rate code.
TRANS-PDC	Next fiscal year PDC.
A-CCSD;	USARCCO CCSD.
CURRENT MONTH	Current month costs.
ADJUSTMENTS	Current month adjustments.
NET-CHARGES	Net charges-current month.
CUR-MONTH	
FISCAL YEAR TO DATE	Fiscal year to date costs.
CUMULATIVE CUR	Cumulative current quarter cost.
QTR	
CUMULATIVE	Cumulative fiscal year costs.
FISCAL YEAR	
BUDGET YEAR	Budget year estimated costs.
COSTS	

Appendix A References

Section I Required Publications

ACP 117

Canada-U.S. Supply 1, Allied Routing Indicator Book. (Cited in para 3-14d and app C, item 302.) This publication may be obtained from Chairman, Military Communications-Electronics-Board, Joint Chiefs of Staff, The Pentagon, Washington, DC 20310-5000.

CJCS MOP 8

Policy for Defense Switched Network Service (Cited in app C, items 219 and 225).

DCA OPLAN 1-84

Worldwide AUTODIN Restoral Plan. (Cited in para 7-1a, 7-7b(1), and 7-8j, 7-11; fig 7-1; and app C, item 312.) This publication may be obtained from Headquarters, DCA, ATTN: DDOM, Washington, DC 20305-5000.

DCAC 310-130-4

Defense User's Guide to the Telecommunications Service Priority (TSP) System (Cited in para 3-11e and app C, items 521-531.) This publication may be obtained from Director, Defense Communications Agency, ATTN: Code 316, Washington, DC 20305-2000

JCS MOP 165

AUTODIN and Associated Message Processing System. (Cited in app C, item 513.) These publications may be obtained from Secretary, Joint Chiefs of Staff, ATTN: Documents Division, Washington, DC 20310-5000.

Section II Related Publications

A related publication is merely a source for additional information. The user does not have to read it to understand this pamphlet

(C)ACP 121, U.S. Suppl 1

Communications Instructions—General (U)

ACP 1-29

Communications Instructions Tape Relay Procedures

AR 1-29

Telephone and Intercommunications Services in the National Capital Region.

AR 25-1

The Army Information Resources Management Program

CJCP MOP 39

Defense Data Network and Connected Systems

DCAC 300-175-9

DCS Operations-Maintenance Electrical Performance Standards

DCAC 310-D70-30

DCS AUTODIN Switching Center and Tributary Operations

DCAC 310-55-1

Status Reporting for the Defense Communications System

DCAC 310-65-1 and Suppl 1

Circuit and Trunk File Data Elements and Codes Manual of the Defense Communications System (DCS)

DCAC 310–310–1

Submission of Telecommunications Service Requests

DCAC 350–135–1, DECCO–Europe Suppl 1

Defense Commercial Communications Acquisition Procedures

DODD 4630.1

Programming of Major Telecommunications Requirements

DODD 5150.19

Defense Communications Agency

GSA FIRMR

Federal Information Resources Management Regulations

JANAP 128(1)

Automatic Digital Network (AUTODIN) Operating Procedures

JCP MOP 178

Military Satellite Communications Systems

RCS: ISC–54

Review and Revalidation of Long-Haul Information Systems/Services Economy and Discipline Summary

Section III

Referenced Forms

DD Form 173

Joint Message form

DD Form 254

Contract Security Classification

DD Form 428

Communications Service Authorization

DD Form 448

Military Interdepartmental Purchase Request

DD Form 1367

Commercial Communications Work Order

DD Form 1423

Contract Data Requirements List

DD Form 1664

Data Item Description

Section IV

Referenced Forms

This section contains no entries.

Appendix B Procurement Channel Agencies

B-1. DECCO-Alaska

A field activity of DECCO, located at Elmendorf AFB, Alaska, that is responsible for procuring specified types of communications services within the state of Alaska.

B-2. DECCO-Europe

A field activity of DECCO, located at Sembach AFB, Germany, that is responsible for procuring specified types of leased communications services within DCS geographical areas 3, 4, 5, and 6 for DOD and other Government agencies as directed by competent authority.

B-3. DECCO-Pacific

A field activity of DECCO located at Fort Shafter, Hawaii, that is responsible for procuring specified types of leased communications services within Hawaii and DCS geographical areas 7 and 8 for DOD and other Government agencies as directed by competent authority.

B-4. Defense Commercial Communications Office

The DOD centralized procurement office for commercial communications services, established as a field activity of DCA. DECCO is located at Scott AFB, Illinois.

B-5. Defense Communications Agency

The DOD agency that performs systems engineering for the DCS and ensures that the DCS is planned, improved, operated, maintained, and managed effectively and economically to meet the long-haul, point-to-point, and switched network telecommunications requirements of the NCA, DOD, and other Government agencies as authorized and directed.

B-6. Defense Communications Agency Operations Center

The organization through which the Director, DCA exercises operational direction over DCS and ensures responsiveness to the needs of users.

B-7. Telecommunications Management and Services Office.

An organization, located at Scott AFB, Illinois, that is responsible for allocation and engineering of leased and Government-owned CONUS and transoceanic DOD telecommunications requirements

B-8. Defense Communications Agency-Europe

An organization, located at Vaihingen, Germany, that is responsible for operations at the DCS in Europe.

B-9. Defense Communications Agency-Pacific

An organization, located at the Wheeler AFB, Hawaii, that is responsible for the operation of the DCS in the Pacific.

B-10. Director of Information Management

A general or special staff officer reporting directly to the installation or organization commander, deputy commander, or chief of staff. When this officer is provided by USAIC, he or she will also command or supervise the USAIC element.

Appendix C

Line Item Instructions for Completing Requests for Service

C-1. Line Item Instructions for Completing Requests for Service

Requirements for telecommunications service will be validated in accordance with the procedures in chapter 3. The line item instructions listed below will be used to submit the validated RSFs to the USARCOO. These instructions permits computer processing of the RFSs to TSRs. Only pertinent data items need to be included. Use the applicable options that are available for the line items. If a unique service is required and not identified as an option, explain the unique requirement in item 417.

C-2. Line Item Instructions Table

Table C-1 ,that follows, details instructions for computer processing of Requests for Service.

Table C-1	
Line Item Instructions for Completing Requests for Service	
Sample entry and Entry title	Instructions
CIC code	Always enter DJBT in the CIC block.
FROM: Address of requesting unit.	Self-explanatory.
TO: DIRUSARCCO RFS-TSR TRAFFIC FT HUACHUCA AZ //(See note)// To address.	Always include USARCCO if RFS is submitted by a MACOM or self-validating user. Otherwise, USARCCO will be an info addressee and the to address will be the user's validating office. (Use RI RUWJBUA with this address.) Note. Use //ASQA-DD// for AUTODIN, AUTOVON, DCTN, DSN and AUTOSEVOCOM, //ASQA-DS// for WATS-equivalent, and //ASQA-DN// for Dedicated, PDN, and DDN.
INFO: Information addresses.	List addresses of any organizations that require information copies.
SUBJ: Subject line.	Use only the following subject lines (written exactly as shown below to prevent computer rejection): RFS, REQUEST FOR SERVICE, MULTIPLE RFS, or MULTIPLE REQUEST FOR SERVICE.
A. UNCLAS DA PAM 25-5 B. C. References.	Always list UNCLAS DA PAM 25-5 for reference A.
THIS MSG IN _____ PARTS Number of parts.	Enter number of parts (multiple RFS only) (Arabic numeral).
PART _____ Part number.	Enter Arabic numeral of this part (multiple RFS only).
2. Section I is general technical information or dedicated service information. It includes the 100-series numbers.	
101. _____ RFS number.	Enter "to be determined" unless self-validating (para 3-7;). Self-validating organizations enter agency code, month, year, and number. (Last block is for amendment suffix.) Enter URGENT (para 3-10) or EMERGENCY/ESSENTIAL NSEP (para 3-11) two spaces after end of basic RFS number, if applicable: for example, EURJUN80B001A URGENT.
102. _____ NCS assigned TSP authorization code.	Required for all starts. Enter the recommended TSP authorization code. Items 521-531 must be completed for all TSP assignments (unless otherwise noted.)
103.	Required for all actions. Enter one of the following:

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
Type of action.	<p>a. START—For new service in which no CSA exists. (Note. Most AUTODIN starts require the establishment of an alternative traffic route (AUTODIN Altroute Request) as described in chap 7.)</p> <p>b. CHANGE—For alteration of existing service, TSP and P/U code changes, relocating user terminal, partial service disconnect, and additions and deletions to existing service (such as adding or deleting a drop on a multipoint circuit).</p> <p>c. REHOME—For a change in switch access for an AUTOVON, AUTODIN, DCTN, or AUTOSEVOCOM service.</p> <p>d. AMEND RFS—for change in basic RFS.</p> <p>e. CANCEL RFS—To cancel basic RFS. This is a specialized form of an amendment and, therefore, must use the basic RFS number and the suffix "Z".</p> <p>f. DISCONTINUE—To disconnect all existing services.</p> <p>g. DEVELOPMENTAL—For solicitation inquiry for nonstandard, nontariffed requirements.</p> <p>h. TEMPORARY—For service 90 days or less or in support of an exercise. (Enter start date in item 106A and discontinue data in item 114. For exercise requirements refer to instructions for items 112 and 415.)</p> <p>i. REAWARD—For reaward of an existing leased service.</p>

104. Type of leased service. When the RFS includes a requirement for leased service, specify the type of service requested as shown below—

<i>Type of Circuit</i>	<i>Notes</i>
Circuit Only/ Single Vendor	Requirement for a circuit. When such service is acquired by DECCO, it will be on an end-to-end basis for a contract period not to exceed 10 years.
Equipment Only/ Single Vendor	Requirement for equipment. Equipment will be acquired by DECCO for a period not to exceed 5 years. Specially designed equipment or equipment that is estimated to cost over \$25K, total contract cost, will require the submission of a Performance Specification (PS) and/or Statement of Work (SOW).
Circuit and Equip- ment/ Single Vendor	Requirement for circuit and equipment. When such service is acquired by DECCO, it will be on an end-to-end basis for a contract period not to exceed 10 years. Equipment is limited to off-the-shelf items. Maintenance for the equipment will be acquired by DECCO, if requested, including any option years.
System/ Single Vendor	Requirement for a complete system. When such service is acquired by DECCO, it will be on an end-to-end basis for a contract period not to exceed 10 years. Systems will require the submission of a PS and/or SOW. Maintenance for the equipment will be acquired by DECCO, if requested, for the initial contract period, including any option years.
Circuit and Equip- ment/ Separate Vendors	Requirement for circuit and equipment. When such service is acquired by DECCO, it will be split procured using separate contracts. Equipment that is estimated to cost over \$25K, total contract cost, will require the submission of a PS and/or SOW. The period of service must be equal for both circuit and equipment unless an option to purchase the equipment is used. Without a purchase option for the equipment, the maximum circuit service life will be 5 years, equal to the maximum for the equipment. If the purchase option is used, the maximum service life for the circuit will be 120 months. Maintenance for the equipment will be acquired by DECCO, if requested, for the initial contract period, including any option years. The service will not be procured on an end-to-end basis, and the user assumes the responsibility for integration, end-to-end technical sufficiency, and fault isolation.
Maintenance of Pur- chased Equipment	Requirement for maintenance support. DECCO will acquire maintenance support, if available, for Government-owned equipment acquired by DECCO when the projected life cycle cost of the maintenance requirement exceeds the small purchase cost threshold (\$25K).

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions																																																																																												
105. Network requirements.	Required when the purchase of the RFS is to identify new circuit requirements or changes to existing circuits. Do not use this item unless actions to circuits are involved. Indicate the category of the circuit to which the RFS applies, whether DEDICATED, AUTODIN, INDIRECT AUTODIN, AUTOVON, AUTOSEVOCOM, DCTN, DSN, DDN, WATS, or PDN. (Any service that does not fit the AUTOVON, DCTN, DSN, AUTOSEVOCOM, Red Switch Network, AUTODIN, DDN, WATS, or PDN category will be considered dedicated.)																																																																																												
106A. DDTTTTZ MMY Operational service date.	Required for all actions. (See table 3-4 for leadtimes.) Specify date-time group of installation (using the Greenwich Mean Time (ZULU) in addition to the date, month, and year). Whenever possible, avoid dates that fall on Saturday, Sunday or holidays; otherwise, the Army can be billed for overtime costs.																																																																																												
106B. DDTTTTZ MMY Commercial/GFE service date.	Required for all actions. This date indicates the service date that the vendor and the Government must meet in order to satisfy the user's operational service date shown in RFS item 106A.																																																																																												
107. _____ CCSD or trunk ID.	Required for all change and discontinue actions. When changing or disconnecting an existing service, enter the seven- or eight-character CCSD or six-character trunk ID. Obtain the CCSD from the LCMIS for existing services.																																																																																												
108. — P/U code.	Required for all starts and other actions when item 107 is not completed or when the P/U code is changing. Enter the most applicable two-character P/U code from table 3-6.																																																																																												
109. — DCS technical schedule item number.	Required for all starts. Enter the most appropriate two-character item number from table 3-13.																																																																																												
110. Type of operation.	Required for all start actions. From the list below, enter the combination which describes the type of operation required. If the type of operation is other than shown, enter as NARRATIVE INFORMATION. "N" refers to nonmirror image routings; that is, at least one pathway facility traversed by the circuit in one direction is different from those paths traversed in the opposite direction.																																																																																												
	<table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">FULL DUPLEX</td> <td style="width: 25%;">MULTIPT S/R</td> <td style="width: 25%;">HALF DUPLEX R/O</td> <td style="width: 25%;">HALF DUPLEX (N)</td> </tr> <tr> <td>HALF DUPLEX</td> <td>MULTIPT R/O</td> <td>FULL DUPLEX (N)</td> <td>MULTIPT S/R (N)</td> </tr> </table>	FULL DUPLEX	MULTIPT S/R	HALF DUPLEX R/O	HALF DUPLEX (N)	HALF DUPLEX	MULTIPT R/O	FULL DUPLEX (N)	MULTIPT S/R (N)																																																																																				
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111. Modulation rate.	Required for all starts. Enter the rate, conforming with the instructions for one of the following categories:																																																																																												
	<table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">BAUD (BD)</td> <td style="width: 25%;">MEGABAUD (MD)</td> <td style="width: 25%;">GIGAHERTZ (GH)</td> <td style="width: 25%;"></td> </tr> <tr> <td>BITS (BS)</td> <td>MEGABIT (MB)</td> <td>MEGAHERTZ (MH)</td> <td></td> </tr> <tr> <td>KILOBAND (KD)</td> <td>HERTZ(HZ)</td> <td>FACSIMILE SCAN (SCN)</td> <td></td> </tr> <tr> <td>KILOBIT (KB)</td> <td>KILOHERTZ(KH)</td> <td>CHANNELS (CHNL)</td> <td></td> </tr> </table> <p>a. Rates starting with 1 or less.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">.3/1.2KB</td> <td style="width: 25%;">11 CHNL</td> <td style="width: 25%;">12.928MB</td> <td style="width: 25%;">150BS</td> </tr> <tr> <td>1 CHNL</td> <td>110BDL</td> <td>13 CHNL</td> <td>1.536MB</td> </tr> <tr> <td>1KB</td> <td>110BS</td> <td>1.3KB</td> <td>1.544MB</td> </tr> <tr> <td>1MB</td> <td>12 CHNL</td> <td>1.3KD</td> <td>16 CHNL</td> </tr> <tr> <td>10 CHNL</td> <td>1.2KB</td> <td>1.3308MB</td> <td>16KB</td> </tr> <tr> <td>10MB</td> <td>1.2KD</td> <td>1.344MB</td> <td>17 CHNL</td> </tr> <tr> <td>10KH PROG</td> <td>120SCN</td> <td>134.5BS</td> <td>1.75MB</td> </tr> <tr> <td>100BD</td> <td>120/240SCN</td> <td>14 CHNL</td> <td>18 CHNL</td> </tr> <tr> <td>100BS</td> <td>1.2/1.8KB</td> <td>14.4KB</td> <td>1.8KB</td> </tr> <tr> <td>100KB</td> <td>1.2/4.8KD</td> <td>144SCN</td> <td>1.8KD</td> </tr> <tr> <td>100SCN</td> <td>1.2/9.6KD</td> <td>15 CHNL</td> <td>19 CHNL</td> </tr> <tr> <td>104KB</td> <td>128KB</td> <td>15KH PROG</td> <td>19.2KB</td> </tr> <tr> <td>105KD</td> <td></td> <td>150BD</td> <td>192KB</td> </tr> </table> <p>b. Rates starting with 2.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">2 CHNL</td> <td style="width: 25%;">21 CHNL</td> <td style="width: 25%;">2.4KB</td> <td style="width: 25%;">25.6BS</td> </tr> <tr> <td>2KB</td> <td>22 CHNL</td> <td>24KD</td> <td>256KB</td> </tr> <tr> <td>20 CHNL</td> <td>224KB</td> <td>2.4/4.8KD</td> <td>26 CHNL</td> </tr> <tr> <td>20KB</td> <td>230KB</td> <td>240SCN</td> <td>28 CHNL</td> </tr> <tr> <td>200KD</td> <td>230.4KB</td> <td>25KB</td> <td>288SCN</td> </tr> <tr> <td>2.048MB</td> <td>24 CHNL</td> <td>250BS</td> <td></td> </tr> </table> <p>c. Rates starting with 3.</p>	BAUD (BD)	MEGABAUD (MD)	GIGAHERTZ (GH)		BITS (BS)	MEGABIT (MB)	MEGAHERTZ (MH)		KILOBAND (KD)	HERTZ(HZ)	FACSIMILE SCAN (SCN)		KILOBIT (KB)	KILOHERTZ(KH)	CHANNELS (CHNL)		.3/1.2KB	11 CHNL	12.928MB	150BS	1 CHNL	110BDL	13 CHNL	1.536MB	1KB	110BS	1.3KB	1.544MB	1MB	12 CHNL	1.3KD	16 CHNL	10 CHNL	1.2KB	1.3308MB	16KB	10MB	1.2KD	1.344MB	17 CHNL	10KH PROG	120SCN	134.5BS	1.75MB	100BD	120/240SCN	14 CHNL	18 CHNL	100BS	1.2/1.8KB	14.4KB	1.8KB	100KB	1.2/4.8KD	144SCN	1.8KD	100SCN	1.2/9.6KD	15 CHNL	19 CHNL	104KB	128KB	15KH PROG	19.2KB	105KD		150BD	192KB	2 CHNL	21 CHNL	2.4KB	25.6BS	2KB	22 CHNL	24KD	256KB	20 CHNL	224KB	2.4/4.8KD	26 CHNL	20KB	230KB	240SCN	28 CHNL	200KD	230.4KB	25KB	288SCN	2.048MB	24 CHNL	250BS	
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Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions			
	3 CHNL	3.16MB	30 CHNL	37.5BD
	3KH VOICE	32 CHNL	300BD	38.4KB
	3KH TV	35BD/LESS	300BS	384KB
	3MB	3.6KB	32KB	39.5KB
	30.72KB	3.6KD	32.5KB	
	3.072MB	36.8MB	3.48KD	
	d. Rates starting with 4.			
	4 CHNL	40.8KB	4.5MH TV	48KH TV
	40 CHNL	42BD	4.8KB	480SCN
	400BD	44.5BD	4.8KD	
	400SCN	45.5BD	48KB	
	e. Rates starting with 5.			
	5 CHNL	50KB	56KB	550.5024KB
	5KH PROG	52.58BD	56.8BD	
	50BD	55.6BD	500KB	
	f. Rates starting with 6.			
	6 CHNL	600BD	6.144MB	64KB
	6KH PROG	600BS	6.176.MB	
	60SCN	600KB	62/76SCN	
		61.12BD		
	g. Rates starting with 7.			
	70BD	72.6BD	750BD	7.76MB
	7.136MB	74.2BD	76BD	
	7.2KB	75BD	768KB	
	7.2KD	75SCN	7.69MB	
	h. Rates starting with 8.			
	8 CHNL	8KB	80KB	82.58D
	i. Rates starting with 9.			
	9 CHNL	9.6KB	9.6KD	96KB
	j. Miscellaneous items.			
	CW AUTO	SPCH-1TTY	SPCH-4TTY	
	CW MANUAL	SPCH-2TTY	SPCH-5TTY	
	NONE	SPCH-3TTY	TONE TM	

112.
Service availability.

Required for all starts. Enter the number of hours the service is to be available from the list below. All AUTODIN and AU(TOVON service will be full period. On-call circuits incur leased costs and/or backbone charges. Leased circuits are generally available on a full-period basis only.

- a. 6 HOURS OR LESS.
- b. 6 TO 12 HOURS.
- c. 12 TO 18 HOURS.
- d. FULL PERIOD. (More than 18 hours is considered full period.)
- e. TIME SHARED. (Used where service time will be used alternately among all terminals on a time-shared basis.)
- f. ON-CALL. A circuit which an authorized user can call up directly or through a DCS technical control. Item 113 required.
- g. PROGRAMMED PREEMPT. First priority level. Online preemption equipment automatically preempts the lowest appropriate priority circuit.
- h. SECOND PREEMPT. Online preemption extended only to the second priority level.
- i. THIRD PREEMPT. Online preemption extended only to the third priority level.
- j. SECOND PATH. A path used to provide simultaneous service for the corresponding full-period path.
- k. PROGRAMMED REROUTE. A reroute path for an existing circuit. The routing of a circuit and its programmed reroute must differ in at least one segment.
- l. RESERVED COMMERCIAL. A leased service which is not available until a CSA is issued.
- m. FREQUENCY SHARED. Sharing the same frequency spectrum, as in FDM. May be either full or part time.
- n. DSCS SCHEDULED. Defense Satellite Communications System (DSCS). Available as scheduled by HQ, DCA Military Satellite Communications Control Facility.
- o. SWITCHED NETWORK RESTORAL. DCS switched network access line contingency pre-planned restoral circuit. Activated only when the normal serving switch is inoperative.
- p. CONTINGENCY REQUIREMENT. Requirement activated according to appropriate OPLAN.

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
113. _____	Required when the response to item 112 is ON-CALL. Enter the person or position and activity that will have authority to call up the on-call circuit.
114. DDTTTTZ MMYYY Disconnect date.	Required if service is temporary (90 days or less) or is in support of an exercise and the deactivation date is known.
115. Signaling mode.	<p>Required for all starts. Enter the mode of signaling that will be used between the terminals of the circuit. Use only the abbreviations. IF RFS is for a trunk/circuit package system, enter the bandwidth or bit rate in Hz, kHz, megahertz (MHz), gigahertz (GHz), BPS, kBPS, or MBPS. The data below in parentheses is for information only and should not be included in the item number.</p> <p>Note: If code is not listed below, explain signaling required in item 417.</p> <ul style="list-style-type: none"> 1 WAY DIAL. 2 WAY DIAL. 1 WAY VOICE. 2 WAY VOICE. 1 WAY RDN (one-way ringdown). 2 WAY RDN (two-way ringdown). 1 WAY MF (one-way multifrequency). 2 WAY MF (two-way multifrequency). OH TONE ON (off hook, tone on while idle). OH TONE OFF (off hook, tone off while idle). AUTO SUP PBX (automatic supervision PBX). DTMF (dual tone MF). 1 WD/1 WA (one-way dial, one-way automatic). 1 WD/1 WRDN (one-way dial, one-way ringdown). SEL SIG SS1 (selective signaling, type SS1). SEL SIG SS4 (selective signaling type SS4). 1 WDTMF/1WA (one-way dual tone multi-frequency, one-way automatic). 1 WV/1 WRDN (one-way voice, one-way ringdown). 2 WAY AUTO (two-way automatic). 1 WRDN/1WA (one-way ringdown, one-way automatic). 1 WV/1WD (one-way voice, one-way dial). DPDT (dial pulse and dual tone). DFSU (dual frequency signaling unit). CCS (common channel signaling). NO SIGNALING (used for all AUTODIN requirements and most dedicated data requirements). 1 WDP/1 WDTMF (one-way dial pulse/one-way dual tone multifrequency). 1 WDP (one-way dial pulse). 1 WD/1 WDPDT (one-way dial, one-way dial pulse or dual tone) (for DSN only). 1 way auto (one-way automatic).
116. Commercial communications circuit identifier (CCCI)/CSA.	<p>Required if existing service is leased. Enter the CCCI/CSA number of an existing service.</p> <p>a. If more than one CCCI is involved (for example, a leased circuit and two or more items of equipment), list the CCCI number for the circuit here; list the equipment CCCI numbers in item 438.</p> <p>b. If a new lease is required, enter NEW LEASE.</p> <p>c. If split billed, list the basic provisioning/maintenance CSA here and list associated CSAs in item 439.</p>
117. _____ PDC.	Required for all actions. The USARCCO will provide PDCs. If PDC is not known, specify user identification from table 3-15 in item 417.
118. Overtime charges.	Required for all starts. Enter YES or NO to indicate whether or not overtime expediting charges are authorized to meet the service date. If it is anticipated that the costs will exceed \$499, enter the maximum allowable amount.
119A. _____ 119B. _____ _____	Enter when applicable. In item 119A, enter the last four digits of the CCSD or in item 1198, the CSA, of up to three circuits to be diversified from or avoided if avoidance routing is required. Diverse routing of the circuits ordered under this RFS will be on a path different from the circuits identified in this item. Provide the GEOLOCO and state/country code of up to three locations to be avoided.

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
119C. _____ — _____ — _____ —	<i>Note:</i> Separate RFS actions are required for each circuit listed to ensure mutual diversity. If it is necessary to avoid critical junctions and metropolitan areas (avoidance routing), specify the geographical location and two-character state code that is to be avoided in 119C. State codes are listed in table 3-7. Enter "YES" or "NO" in item 119D to indicate whether transmission media is to be avoided. If, YES, enter the code of up to three different transmission media from table 3-9. Enter in item 119E up to three networks to be avoided, if applicable. <i>Note:</i> Item 119D is required for all circuit start/temporary RFSs.
119D. YES NO _____ — 119E. / / Diverse routing.	Items 120__ through 131__ describe only one user. Identify the first user (activity receiving service) by annotating the item numbers with an A (for example, 120A, 121A, and 122A). Identify the distant end or second user with a B (for example, 120B, 121B, and 122B). If the RFS pertains to new starts for AUTOVON, AUTODIN, DDN, or PDN access line requirements, state DCA TO DETERMINE in item 1208 unless there is a special requirement for dual or split homing or an additional line to an existing hunt group. When a requirement exists for the identification of more than two terminals (multipoint service), annotate each subsequent user as C, D, or E.
120-. End user location.	Required for all actions. Enter geographical location of each user.
121-. — State/country code.	Required for all actions. Enter code from table 3-7.
122-. — Area code.	Required for all actions. If the service is wholly within CONUS, enter the subarea code from the state codes in table 3-7. If the service is from a CONUS location to an oversea location or between oversea locations, enter the area code from the country codes in table 3-7.
123-. — Facility code.	Required for all actions. Enter the facility code from table 3-8.
124-. Building number or description.	Required for all actions. Enter building number of the terminal or circuit termination point. If unnumbered, identify by use; for example, operations building, hangar, command bunker, highway intersection, latitude and longitude coordinates, map coordinates, and kaserne.
125-. Room or floor number.	Required for all actions. Room or area within building where user equipment or circuit termination will actually be located. Floor number may be entered in lieu of room number if more pertinent. Indicate floor by entering B, 1, 2, 3, and so forth, followed by FL.
126-. Terminal equipment (end device).	Required for all starts and changes. Provide type of terminal equipment at each user location. If military, use standard Joint Army-Navy (JAN) nomenclature. If commercial, use a recognized designation. Submit this item even if user terminal equipment is being obtained by a means other than this RFS, prefaced by GFE.
127-. Crypto equipment.	Required for all starts. Enter type of cryptographic equipment to be used at the user location. Use full classification nomenclature. Do not use security equipment codes listed in DCAC supplement 1 to DCAC 310-65-1. If the identification of specific cryptoequipment (in association with other RFS items/addresses) would cause the RFS to be classified, enter the work "secured" in lieu of entering the actual equipment nomenclature. If none, enter "unsecure".

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
128— Interface requirements.	<p>Required on all starts. Do not enter subparagraph identifiers. Describe the user's interface requirements.</p> <p>a. For voice, facsimile, non-DON, or non-AUTODIN data circuits, specify the impedance, transmit level, minimum and maximum receive levels, and any special test tones with levels required at the user equipment. If no special levels are required, the DCA action agency will specify the levels as part of the normal engineering process. (All levels will be listed in decibels milliwatt (dBm)).</p> <p>b. For TTY circuits, specify the current level and mode of operation (20 milliampere (mA) polar, 60mA neutral, and so forth) required at the user facility.</p> <p>c. For circuits with signaling specified in item 115, identify the type of signaling equipment at the user terminal. Specify dial pulse characteristics or other special tests that may be required.</p> <p>d. For digital service include the—</p> <p>(1) Type modulation/demodulation (modem) equipment with manufacturer's name and model number and state whether it is to be leased or GFE; for example, leased modem, 600 ohm balanced, 0 dBm send, -16 dBm receive, synchronous on line side; EIA-RS-232C synchronous on equipment side.</p> <p>(2) Circuit timing; that is, synchronous, asynchronous, or isochronous.</p> <p>(3) Type of interface requirements; for example, RS-232C, RS-422, RS-423, CCITT V.24, or MIL-STD-188.</p> <p>(4) Impedance, transmit level, and minimum and maximum receive signal levels.</p> <p>e. Enter bit error rate requirements, if applicable, in item 426. Provide rationale if MIL-STD-811 is used.</p>
129— Termination.	<p>Required for all starts and changes. Enter 2W, 4W, 4W(E&M), 4W (in-band), 6W, or 8W to indicate if two-, four-, six-, or eight-wire termination is desired.</p>
130— Contact and telephone number.	<p>Required for all actions. Enter the name of a primary and alternate Government representative that the installer will use as the communications POC. Also enter the POC's AUTOVON or Government, and commercial phone numbers, to include the area codes. POCs should be familiar with the requirement and available as escorts. Incorrect commercial telephone numbers may result in service delays.</p>
131— Mailing address.	<p>Required for all actions. Enter the complete mailing address, including office symbol and nine-digit ZIP code, of the POC at the user location.</p> <p>Items 132 through 138 describe the interconnecting facilities from the subscriber to the DCS interface point. With the exception of exercise requirements, this information is normally not required for CONUS dedicated requirements. Repeat items 132 through 138 for each subsequent terminal location as B, C, D, E, and so forth, as required.</p> <p>a. Correlate the first interconnecting facility with the subscriber point.</p> <p>b. Correlate the first interconnecting facility with the subscriber listed in item 120 by using the same letter followed by 1; for example, 132A1 and 133A1.</p> <p>c. Correlate information pertaining to a second interconnecting segment between the same subscriber and the same DCS interface point by adding a 2; for example, 132A2 and 133A2, items 132A1, 132A2, and so forth, should be listed in order from the 120A subscriber toward the DCS interface point.</p> <p>d. Correlate information pertaining to the interconnecting facility from the DCS interface point toward the item 120B subscriber by using the same letter followed by 1; for example, 132B1, 133B1, and so forth.</p> <p>e. Correlate information pertaining to a second interconnecting point and the same subscriber in the same manner but with 2; for example, 132B2, and 133B2. List items 132B1, 132B2, 132B3, and so forth, as well as items for additional subscriber such as on multipoint circuits, in order from the DCS interface point to the appropriate B, C, or D subscriber.</p> <p>f. Use as many transcript sheets as required.</p>
132— Geographical location and facility code.	<p>Enter the geographical location and facility code of the facility that is being interconnected by non-DCS media. The geographical location and facility code may be followed by narrative data, to include building and room numbers, name of facility if there is no suitable facility code, and any other remarks necessary to describe the facility.</p>
133— Type medium.	<p>Required for all starts. Enter the appropriate code from table 3-9 for the type of medium between the terminal in item 120A/132A1 to the interface point in item 132A2.</p>
134— Local designator.	<p>Enter the local designation of equipment and cable used for each type of medium indicated in item 133A; for example, local cable 102.</p>

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
135- Facility description.	Enter the length of segment in miles (or feet when less than 1 mile) and in kilometers (km) (or meters when less than 1 km). If cable or open wire, provide gauge and diameter in millimeters of wire, loaded or nonloaded for each segment of medium identified in item 133A. If the segment is microwave, line of site to troop, ultra high frequency, very high frequency (VHF), or VFCT, provide the equipment nomenclature, the 1.004 Hz test tone level in dBm or current level, and mode of operation at both ends of each segment.
136- Operating agency.	Required for all starts. Enter the operating agency of the local segments identified in item 133A (for example, Army, Navy, Air Force, commercial, or other Government agency).
137- Total loss at terminal A in dBm.	Required for all starts. Enter the total 1.004 Hz loss in dBm between the terminals at the locations in items 132A1 and 132A2.
138- Other nation's circuit number.	If applicable, enter other nation's circuit number.
139- NPA/NNX.	Required for all starts within CONUS. Enter the NPA/NNX (commercial area code and prefix) of the actual service location.
140- Unit Identification.	If appropriate, enter the name of each end user organization.
151- DSCS service.	<p>If the RFS is for DSCS service, enter the military satellite office URDB control number. The URDB control number consists of 11 characters as follows:</p> <ul style="list-style-type: none"> a. The first eight positions identify the requesting activity; for example, Commander in Chief, Atlantic (CINCLANT), DCA, Army, Navy. (Left justify when eight characters are not needed). b. The last three positions (9–11) contain the unique number assigned to the requirement for the activity identified in positions 1 through 8. (A sample URDB number is Army—001.)
152. DDN waiver number.	If it is anticipated that DDN cannot handle the requirement, the user will coordinate with the Deputy Chief of Staff for Operations (ASOP–OI), HQ USAISC, to obtain a waiver number before submission of the RFS. If the service falls under a “DDN exempt” category, then the word “exempted” will be entered in RFS item 152. If the term “exempted” is used in TSR item 152, item 417 of the RFS will be used to identify the category under which the exemption applies.
3. Section II contains DSN/DCTN/AUTOVON and/or AUTOSEVOCOM service information. It includes the 200-series numbers. Items 202 through 213 are required for all starts. Include items 202 through 213 for changes if affected.	
201. Subscriber identification.	Use only for AUTOSEVOCOM circuits. If this requirement is listed in the AUTOSEVOCOM subscriber and implementation list, provide the JCS sequence number. If not listed, cite other approval authority in item 417. For temporary exercise circuits use 00000.
202. Subscriber listing.	Identify the subscriber using no more than 36 characters, including spaces between words. Do not use punctuation marks. Standard abbreviations are acceptable. Compose the subscriber listing with care since the directory lists items alphabetically. Information in items 202 through 207 is used for the DCA DSN/DCTN/AUTOVON or AUTOSEVOCOM directory.
203. Directory class.	<p>Enter one of the following letters to indicate in which directory the subscriber is to be listed:</p> <ul style="list-style-type: none"> a. L—In the Global DSN/DCTN/AUTOVON Directory and Operator Bulletin. b. N—Only in the Global DSN/DCTN/AUTOVON Operator Bulletin. c. S—In the AUTOSEVOCOM Directory. d. X—Nonpublished number.
204. Title.	Enter the agency, command, or activity to receive the DSN/DCTN/AUTOVON Directory.
205. Unit designation or attention line.	Enter the office symbol of the activity that is to receive the directory. Also provide any other information which the subscriber believes will assist in proper delivery.
206. Location.	Enter the mailing addresses of the city, post, or military unit that is to receive the directory.
207. State or country and Zip code, Army Post Office (APO), or Fleet Post Office (FPO).	Enter the State and Zip code if the activity is in the United States. Enter APO or FPO if the activity is overseas.

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions										
237. Thousand levels.	When applicable, indicate thousand levels used for class A and class C stations that can receive incoming DSN/DCTN/AUTOVON calls. The thousand level number is the fourth digit of the telephone number (for example, in NNX-2XXX, 2 is the thousand level).										
238. Number of class A stations.	When applicable, indicate number of class A stations which will have dial access to DSN/DCTN/AUTOVON. Also indicate total number of class A stations on PABX, if different. DSN/DCTN usage. If the RFS requests DSN/DCTN service, item 239 is required.										
239A. Total Engineered Erlangs.	Indicate applicable engineered erlangs associated with requested DSN service.										
239B. With Internodal Allocation Erlang Sub- scription.	Specify the quantity of Erlangs of CONUS destined, routine traffic (carried load) offered by the DCTN end-office to the DCTN node that will be routed to locations serviced by the DCTN.										
239C. Without Internodal Allocation Erlang Subscription.	Specify the quantity of Erlangs of CONUS destined, routine traffic (carried load) offered by the DCTN end-office to the DCTN node that will be routed to locations serviced by the DSN/AUTOVON. This traffic is switched to the DSN/AUTOVON by the #5ESS at the DCTN node.										
240. PABX size.	When applicable, enter the current quantity of trunk terminations on the PABX.										
241.	Reserved for future use.										
4. Section III contains AUTODIN service information. (It includes the 300-series numbers with the exception of items 352-368, which are DDN related.)											
301. Subscriber's identification number.	Required for all change and discontinue actions. Assigned by DCA (for starts).										
302. RI.	Required for all starts. If a new routing indicator (RI) is required so state and specify if requirement is for GENSER, DSSCS, or DSSCS/GENSER service. If a currently used GENSER RI or pseudo-identifier will be used, provide this RI or pseudo-identifier. If assignment of a GENSER four letter NARC RI is required, a request must be submitted IAW ACP 121 U.S. Supplement 1F, Chapter 5, Section IV. If assignment of a DSSCS RI is required, a request must be submitted IAW DOI 103, Chapter 4, paragraph 405. The user is responsible for RI promulgation IAW ACP 117 for GENSER and the DOI for DSSCS.										
303. Channel code.	Required for all starts. Enter the channel coordination that will be used (for example, Mode I, II, or V). Also enter which type of access line connection is required (for example, message switching unit or Hybrid. Mode II service for narrative communications is normally provided on an interim basis when Mode I or V equipment is not readily available. Those who request Mode II service should have previously requested Mode I or V service.										
304. Operating mode.	Applicable only if response to item 303 is Mode I. Indicate if operating mode will be BLOCK-BY-BLOCK or CONTINUOUS. When connected as a hybrid, the operating mode will be designated as CONTINUOUS.										
305. Security level.	Required for all starts. Enter one of the following codes for the highest message security to be handled. For DSSCS/GENSER requirements, enter "DSSCS/GENSER MM/TS" (minimum of TOP SECRET for GENSER security). <table> <tr> <td>DSSCS/MM.</td> <td>TOP SECRET.</td> </tr> <tr> <td>SPECAT SIOP-ESI.</td> <td>SPECAT LESS SIOP-ESI.</td> </tr> <tr> <td>SECRET.</td> <td>CONFIDENTIAL.</td> </tr> <tr> <td>RESTRICTED.</td> <td>EFTO.</td> </tr> <tr> <td>UNCLASSIFIED.</td> <td></td> </tr> </table>	DSSCS/MM.	TOP SECRET.	SPECAT SIOP-ESI.	SPECAT LESS SIOP-ESI.	SECRET.	CONFIDENTIAL.	RESTRICTED.	EFTO.	UNCLASSIFIED.	
DSSCS/MM.	TOP SECRET.										
SPECAT SIOP-ESI.	SPECAT LESS SIOP-ESI.										
SECRET.	CONFIDENTIAL.										
RESTRICTED.	EFTO.										
UNCLASSIFIED.											
306. Subscriber rate code.	For USARCCO use.										
307. Unassigned.											
308. Unassigned.											
309. Unassigned.											
310. LMF code.	Required for all starts. Enter the input and output LMF code from the oversea AUTODIN equipment codes below.										

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
	MO—Card and mag tape (JANAP 128/128M). TO—International Telegraph Alphabet (ITA) No 2 TTY (JANAP 128/128M). CO—Card only (JANAP 128/128M). FT—ITA No 2 TTY (ACP 127/127M). CT—Card and ITA No 2 TTY (JANAP 128/128M). MT—Magnetic tape and ITA No 2 TTY (JANAP 128/128M). MA—Magnetic tape and ASCII TTY (JANAP 128/128M). AO—ASCII TTY only (JANAP 128/128M). FA—ASCII TTY only (ACP 127/127M). CA—Card and ASCII TTY (JANAP 128/128M).
311. Period of operation.	When applicable, enter the days of the week and hours of the day in local time that the terminal will be in operation. If the terminal will be in operation 24 hours a day, 7 days a week, enter CONTINUOUS.
312. AUTODIN MERL number.	When applicable, enter the master equipment reference list (MERL) number. <i>NOTE:</i> The requesting activity is responsible for coordinating altroutes, messenger delivery, and so forth. See items 313 through 321. Altroutes will be changed in accordance with DCA OPLAN 1-84.
313. RI for narrative altroute.	Enter RI of tributary station to which narrative traffic will be altrouted in Phases I, II, and III.
314. RI for data altroute.	Enter RI of tributary station to which data (card) traffic will be altrouted in Phases I, II, and III.
315. RI for magnetic tape altroute.	Enter RI of tributary station to which magnetic tape traffic will be altrouted in Phases I, II, and III.
316. Narrative altroute time.	Enter appropriate code from table 7-1.
317. Data altroute time.	Enter appropriate code from table 7-1.
318. Magnetic tape altroute time.	Enter appropriate code from table 7-1.
319. Highest security level for narrative.	Enter the highest security level of narrative card traffic that is to be altrouted, (for example, DSSCS/MM, TOP SECRET, SPECAT SIOP-ESI, SPECAT LESS SIOP-ESI, SECRET, CONFIDENTIAL, RESTRICTED, EFTO, or UNCLASSIFIED).
320. Highest security level for data.	Enter the highest security level of data traffic that will be altrouted. See item 319.
321. Highest security level for magnetic tape.	Enter the highest security level of magnetic tape traffic that will be altrouted. See item 319.
322. CCSD of present AUTODIN circuit for dual access.	When applicable, enter the eight characters of the CCSD of the present access line when dual access is desired. Dual access permits a terminal to access a second ASC in addition to the prime ASC.
323. Quantity of terminals.	When applicable, enter the quantity of terminals that will be used at location 120A when dual access is desired (for example, ONE SET or TWO SETS). ONE SET with dual access permits the terminal to use one access line or the other, but not both simultaneously. TWO SETS permits simultaneous operation over both access lines.
324. Unassigned.	
325. Unassigned.	
326. Unassigned.	
327. Unassigned.	
328. RI capability.	Enter the number of RIs that the terminal equipment is capable of receiving on individual messages (for example, 1, 50, or 500).

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
329. Unassigned.	
330. Collective RIs.	List collective RIs that the tributary should receive.
331. Line code.	Required for all starts. Enter the line code of the terminal equipment as follows: ITA-2; or ASCII.
332. Message Format.	Required for all starts. Enter the appropriate message format as follows: JANAP 128, JANAP 128 (MOD), ACP 127, OR ACP 127 (MOD). For GENSER/DSSCS (R/Y), enter JANAP 128 and JANAP 128 (MOD), or ACP 127 and ACP 127 (MOD).
333. Platen size for page printer.	Required for all starts. Enter the platen character capacity in number of characters to be printed or displayed on a single line; for example, 69, 80, 120, 132, or greater.
334. Crypto operation.	Required for all starts. Enter either STEPPED or FREE-RUNNING as the appropriate operation of the equipment identified in item 127. Items 335 through 346 relate to Q/R service.
335. Type Q/R service.	Required for Q/R requests. Enter the type Q/R service (for example, Q/R terminal; regular Q/R host, or special Q/R host).
336. Dual-homed host.	Required for Q/R request. Enter YES or NO as to whether Q/R is a dual-homed host.
337. _____ RI for Q/R host altroute.	Required for Q/R request. Enter RI or subscriber to whom Q/R traffic will be altrouted.
338. CAT I ___ CAT II ___ CAT III ___ CAT IV ___ Q/R altroute time.	Required for Q/R request. Applies to Q/R host altroute time. Complete in same manner as for narrative traffic in item 316. Enter code in each block.
339. Highest security level of altrouted Q/R traffic.	Required for Q/R requests. From list in item 316, enter the highest security level of Q/R traffic that can be altrouted. QUERY RESPONSE TERMINAL PRESTORED HEADER AT ASC is used for automatic generation of all originated Q/R message headers unless terminal uses "exception" parameters on a specific query.
340. Precedence (general service community).	Required for all Q/R request. Enter precedence of FLASH, IMMEDIATE, PRIORITY, or ROUTINE.
341. Normal destination RI (general service community, terminals only).	Required for all Q/R request. enter the RI of normal destination.
342. Security, normal query header (general service community, terminal only).	Required for all Q/R requests. Enter the security desired for normal query header built by ASC, from same category as item 339.
343. _____ CIC (terminal only).	Required for all Q/R requests. Enter the normal CIC.
344.	Reserved for future use.
345. RI exceptions (general service community).	Enter up to five general service destination RI exceptions in addition to the normal prestored RI destination. (Number of exception RIs specified relates to AUTODIN rates for Q/R service.)
346. 1, 2, 3, 4, 5 RI exceptions (DSSCS).	Required for all Q/R requests. Enter number of RI exceptions only.
347. Sequential delivery of multisegment messages.	Required for all starts. Enter YES or NO as to whether sequential delivery of multisegment messages is required.
348. Unit to provide crypto keying materials.	Enter the unit, other than the ASC, that will be responsible for providing crypto keying material to both the operating unit and ASC where AUTODIN service (both R and Y) will be used in support of contingency, exercise, or training missions.
349. ETR.	Enter Effective Transmission Rate (ETR).

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
350. Transmission Identification (TI) line option.	Required for all Mode I starts. Indicate YES or NO.
351. End of medium (EM) capability.	Required for all starts. When a subscriber is capable of processing end of lineblock immediately on detecting an EM character, enter EM CAPABLE. For subscribers not capable of processing EM CAPABLE characters, enter NOT EM CAPABLE.
5. Section IV contains DDN service information. It includes items 352–362.	
352. URDB identification and sequence number.	Applies to “A” location for DDN service only. If the service is other than DDN, provide the “B” (“C,” and so forth) URDB number in item 417. Enter the 12-digit host or 13-digit terminal identification number that is associated with this requirement. The first 2 digits represent the agency code; the 3rd through 6th digits, the ADP unit (data processing installation) number; the 7th through 9th digits, the host system number; and the 10th through 13th digits (for terminals only), the terminal number. For hosts, the 10th digit will be a dash, and the 11th and 12th digits represent the host sequence number. Army URDB numbers are required by registering in IDS-MIS.
353. System acronym name.	Required for all DDN starts/changes. Enter the system acronym name. If the requirement does not pertain to a system, enter NA.
354. Unassigned.	
355. Dual home requirements.	Required for DON starts/changes. This item applies to host connections only. State YES or NO, if dual-homing is required. Must be justified in item 501.
356. Security classification.	Required for DDN starts/changes. Enter the highest traffic security/protection level to be handled (TOP SECRET, SECRET, CONFIDENTIAL, RESTRICTED, EFTO, or UNCLAS).
357. Host interface type.	Required for DDN starts/changes. This item applies to host connections only. Enter the software (X.25 std, X.25 basic, or 1822) interface along with the hardware (RS–232C, V.35, MIL–STD–188–144 balance or DH (direct connection host to IMP)) interface in support of host connection.
358. TEMPEST approval.	Required for DDN starts/changes. At host only location, indicate whether interface is TEMPEST or non-TEMPEST approved.
359. Unassigned.	
360. Unassigned.	
361. Unassigned.	
362. Precedence.	Required for DDN starts/changes. Indicate the highest level precedence that the host or terminal may transmit (ROUTINE, PRIORITY, IMMEDIATE, FLASH, or FLASH OVERRIDE). Crypto Account Information. For subscribers that have a requirement to be connected to the classified subnetwork of the DDN provide information required in items 363 thru 366.
363. DDN subscriber crypto account number.	Required for secure DDN actions. This account number can be obtained from the crypto account custodian.
364. Crypto account custodian.	Required for secure DDN actions. Enter the crypto account custodian’s name and telephone number (military and commercial).
365. Mailing address.	Required for secure DDN actions. Enter the crypto account custodian’s complete mailing address (including office symbol and nine-digit ZIP code).
366. PLA.	Required for secure DDN actions. Enter the crypto account custodian’s PLA.
367. DDN subnetwork.	Required for DDN starts. Enter the DDN subnetwork that the subscriber needs to be connected to (for example, DISNET, MILNET).
368. Host name.	Optional for DDN RFSSs. Indicate the host name. A “name” (network, host, or gateway) is composed of up to 24 alpha-numeric symbols and the minus sign and period. No blank or space characters are permitted and the first character must be a letter. The last character cannot be a minus sign or period. A host, serving as a gateway should have “__gateway” or “__gw” as part of its name. A host which is a TIP or TAC should have “__TIP” or “__TAC” as part of its host name (if it is an ARPANET or DOD host).
369–393.	Reserved for future use.

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions						
6. Section V contains narrative information.							
401. Description of required service.	Required for all actions. Enter a short, concise narrative description of the service required.						
402. POC.	Required for all actions. Enter the name and telephone number (AUTOVON and commercial) of the originator of the RFS.						
403. NCS TSP justification.	Required for all starts with TSPs other than 00 or changes to existing TSPs. Enter a justification for the requested TSPs by citing the document that assigned the mission, function, or task. Refer to the NCS TSP system published in DCAC 310-130-4.						
404. Unique installation factors.	When applicable, enter conditions that are unique to the installation of equipment and that should be brought to the attention of the commercial company or Government installers. Describe and correlate these items to items 120A, 120B, and so forth. If applicable, enter AUTOVON information required by item 214.						
405. ADPE statement.	Required for all starts. indicate the basis for procurement authority (BPA) and condition which justifies the authority from the following list.						
	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center; width: 50%;"><i>BPA</i></td> <td style="text-align: center; width: 50%;"><i>AUTHORITY</i></td> </tr> <tr> <td style="vertical-align: top;">Warner Amendment</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> a. Requirement involves intelligence activities. b. Requirement involves cryptologic activities. c. Requirement involves command and control of military forces. d. Requirement involves equipment and services which are an integral part of a weapon or weapons system. e. Requirement involves activities critical to the direct fulfillment of military or intelligence missions. </td> </tr> <tr> <td style="vertical-align: top;">Blanket GSA DPA</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> a. Requirement is to be satisfied by placing a delivery order against an applicable GSA requirements contract. Requirement is to be satisfied by placing a delivery order against a GSA schedule contract. Requirement does not exceed \$2,500,000 purchase price or \$1,000,000 annual lease and/or maintenance charge (competitive procurements only). </td> </tr> </table>	<i>BPA</i>	<i>AUTHORITY</i>	Warner Amendment	<ul style="list-style-type: none"> a. Requirement involves intelligence activities. b. Requirement involves cryptologic activities. c. Requirement involves command and control of military forces. d. Requirement involves equipment and services which are an integral part of a weapon or weapons system. e. Requirement involves activities critical to the direct fulfillment of military or intelligence missions. 	Blanket GSA DPA	<ul style="list-style-type: none"> a. Requirement is to be satisfied by placing a delivery order against an applicable GSA requirements contract. Requirement is to be satisfied by placing a delivery order against a GSA schedule contract. Requirement does not exceed \$2,500,000 purchase price or \$1,000,000 annual lease and/or maintenance charge (competitive procurements only).
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406. Justification for other than full and open competition.	When applicable, enter detailed justification if sole source procurement is required. Time is not a factor in considering sole source procurement. See paragraph 4-6 for more information on sole source acquisition.						
407. Equipment to be leased through DEC-CO.	<ul style="list-style-type: none"> a. When applicable, enter an itemized list of equipment to be leased and provide detailed technical specifications. As an example, the following modem options should be addressed: <ul style="list-style-type: none"> (1) Whether transmit timing is internal or external and whether it is slaved to the receive timing. (2) Whether elastic store is permissible. (3) Maximum allowable round-trip delay in milliseconds. (4) Strapping options required. (5) Function options of the modem test modes required to be operational. (6) Control signals that may be external to the information bit stream. b. List equipment at each location as 407A, 407B, and so forth, correlated with locations 120A, 120B, and so forth. List modem options at each terminal location. Must state size desired and if rack mount, cabinet, or modular cage. For Dataphone II modems, designate control modem for point-to-point or multipoint requirement and state if diagnostic cards are required. If modem is to be used as a multiplexing device, indicate the desired number of ports. If special maintenance is required, list those special requirements. For DDN requirements, indicate the cable length from the terminating block to the modem and from the modem (DCE) to the host (DTE). 						
408. Objections to satellite service.	When applicable, state any objection to satellite routing and operation.						
409. CCO/CMO accepting service.	Required for all actions. Recommend activity best able to perform CCO/CMO and completion reporting functions. AUTOVON or commercial number must be included, i.e., GEOLOCL/SC/ENR/A (AUTOVON number) or C (commercial number). The USARCCO will assign the activity if this item is left blank.						

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
410. Demarcation point for interface of government-owned segments with leased segments.	When applicable, enter the exact demarcation point of Government-owned segments, identification of building and room numbers, and block and wire pair. Required for all international circuits leasing for \$2,000 or more per month. Identify locations as 410A, 4108, and so forth.
411. Security requirements for controlled access facilities.	When applicable, enter security clearance required for installers for access to controlled or secure areas. If clearance is required of contractor personnel, a DD Form 254 (Contract Security Classification Specification) must be prepared.
412. Activity to receive progress reports from contractor.	When applicable, enter the activity to receive periodic progress reports.
413. Oversea shipping instructions.	When applicable, enter shipping instructions for equipment to overseas locations.
414. Connection approval (CA) number.	If U.S. GFE is to be connected to leased circuits in Australia, New Zealand, or within DCS geographical areas 3, 4, 5, and 6, the host nation connection approval numbers must be provided pursuant to AR 340-140-2.
415A. Exercise.	If RFS is in support of an exercise, special plan, project, etc., its name, if unclassified, should be included here. If the exercise, plan, or project name is classified or if its association with other RFS items would cause those items to be classified, submit the classified item(s) under separate cover.
415B. Exercise/project name.	For exercise circuits only. Enter the four-character DCA control number assigned to the exercise or project. If an entry is required in 415B and a control number is not assigned or required, enter "NA" in item 415A. If no entry is required in either item, both may be excluded from the RFS.
416. Cost threshold.	When applicable, enter the cost threshold when service is contingent on cost. The maximum amount that can be entered is \$9,999,999.
417. Remarks.	<p>Enter any pertinent information not entered elsewhere.</p> <p>a. All unfinanced requirements should provide a budget POC, with military telephone number, who is able to respond to funding questions.</p> <p>b. This statement is required for all DCP starts, changes, and disconnects. "This requirement has been reviewed and approved by the responsible MACOM for funding adjustments under the DCP concept."</p> <p>c. Data requirements—characters transmitted per day, bits per character of code, work hours per day, desired speed (for a start or desired speed/current speed for an upgrade), average characters per message, number of messages central processing unit (CPU) handles per day, and CPU processing time per message.</p> <p>d. Voice requirements—desired jack and pin assignment.</p> <p>e. FX/OPX requirements—if PBX is a Centrex, specify main Centrex number, individual station number, access code, and hunting arrangement. Request toll restriction to a particular NXX or AUTOVON only, and so forth. Specify whether loop or ground start. Specify if flat rate is desired and indicate average toll charges paid for the prior 3 months.</p> <p>f. Facsimile requirements—indicate if the telephone is touchtone or rotary dial.</p> <p>g. Urgent requirements—full justification and name, position, telephone number of the commander or designee of the requester's MACOM certifying the requirement's urgency. Certification authority may not be delegated below the MACOM directorate or equivalent level.</p> <p>h. If an equipment lease is involved, the following certification must be included: "I (name, title, rank) certify a Lease/Purchase Analysis has been accomplished IAW USAISC policy."</p> <p>i. WATS service—Indicate estimated monthly recurring charge, estimated nonrecurring charge, estimated monthly usage cost, and estimated monthly hourly usage. In addition, certify funds are available and provide the accounting code, plus bill-paying address.</p> <p>j. Exempt categories for DDN service must be listed when the word "EXEMPTED" is entered in item 152. See chapter 2, paragraph 2-5a(3)(c) for additional information.</p>
418. DD Form 1368.	When applicable, enter the activity responsible for submitting DD form 1368.
419. Unassigned.	
420. Toll calls, TTY exchange (commercial) (TWX), PDN or metered services.	When applicable, enter the position, title, activity, and message and mailing addresses of the program designated as the certifying official for toll charges and metered service charges (such as TWX costs).

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
421. U.S. gateways.	Enter when applicable. Specify the U.S. gateway that must be used for leased transoceanic service.
422. Transmission media code.	Enter when applicable. If specific routes or transmission media are required or desired for leased services, enter the code from table 3-9.
423. Deutsch Bundespost 24-hour oncall maintenance service.	If this service is desired, enter YES and the following statement: "Restoration of this circuit is required on a 24-hour basis, including after duty hours, and holidays." Also include the POC (position, not name) and telephone number (both military and civilian) of the agency authorized to call out the service. If this service is not desired, omit this item.
424. Allied Long Lines Agency (ALLA) (CCCI) number and TSP.	European requirements only. Enter when applicable. For service within Europe, enter the ALLA number and its associated RP if the request involves a change or disconnect of an existing service.
425. Simultaneous RFS action.	Enter when applicable. When more than one RFS is required to provide service to several activities at the same time, or to correlate associated actions, reference all associated RFSs.
426. Bit error rate.	Enter when applicable.
427. Equip lease or purchase option.	When request involves the acquisition of equipment, enter one of the following: lease; lease with option to purchase; lease to ownership; outright purchase with installation; outright purchase without installation; or purchase existing equipment.
428. Payment of basic termination liability.	When applicable, enter YES or NO as appropriate to permit DECCO to enter into a contract with a basic termination liability.
429. Circuit conditioning.	Include the following statement: "CARRIER SHOULD PROVIDE THE CIRCUIT CONDITIONING REQUIRED, IF ANY, TO SUPPORT THE SERVICE REQUESTED HEREIN." Use only when item 109 is not adequate.
430. Estimated service life.	Required for all starts for leased services, facilities, or equipment.
431. General class of service.	Required for all starts. Enter D for DCS or N for non-DCS.
432. Cost indicator.	Enter when applicable. Enter N for non-DCS, 0 for DCS, or V for mixture of costs.
433. Leased equipment to be removed in conjunction with this action.	Provide full nomenclature, manufacturer, make, model, quantity, and CCCI/CSA.
434. Leased equipment to be relocated.	Provide full nomenclature, manufacturer, make, model, quantity, and CCCI/CSA.
435. Unassigned.	
436. WATS request.	Requests for WATS must include hours and coverage, banding information, and inter/intra-state service.
437- Customer premise inside wire installation (CPIWI)/customer premise inside wire maintenance (CPIWM).	Required for all start and applicable change requests for leased circuitry within the U.S. Indicate CPIWI-(yes or no)/CPIWM-(yes or no).
438- Related leased equipment.	Required item. Use to identify DECCO leased equipment status as it relates to the circuit action being requested. Correlate user locations as in 120A, 120B, and so forth. Valid entries are as follows: a. Enter equipment CSA number if leased equipment previously obtained through DECCO is to be used. b. Indicate BOTH if the TSR includes a request for both circuit and associated leased equipment. c. Indicate NONE if no DECCO leased equipment is included.
439. Related Billing CSA numbers.	If the service is split billed, enter remaining CSA numbers in this item.

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
440. Access charges on private line service.	<p>Required on all start/change private line interstate requirements. Correlate to location 120A, 120B, etc., and indicate the type of access to the commercial local exchange network which is applicable to the requirement.</p> <p>Access to Domestic Public Switched Network—Specify either “Will Leak” or “Will Not Leak” to indicate whether or not the communications service requested will “leak” through a PBX or other switching device into the public switched network. “Leak” means that the service has the capability to be switched into the public switched network, which will result in a private line access surcharge. Correlate to the user locations shown in 120A, 120B, 120C, etc. This item is only applicable to services terminating in CONUS, Alaska, and/or Hawaii.</p> <p>Access to Federal Republic of Germany (FRG) Public Switched Telephone Network—Specify either “Internationale Meitleitung (IML)” or “Internationale Festverbindung (IFV)” to indicate whether or not the service requested required interconnection to the FRG Deutsche Bundespost (DBP) public switched networks (PSN). IML allows <u>NO</u> interconnection to the DBP PSN. IFV <u>DOES</u> allow connection to the DBP PSN. This item only applies to international services terminating in FRG and does not apply to internal FRG circuits.</p>
441. Lease Versus Buy Analysis.	<p>Requests involving the acquisition of equipment must contain a lease/purchase analysis to support the decision.</p>
442. Maintenance of Purchased Equipment.	<p>DECCO will acquire maintenance support, if available, for government-owned equipment acquired by DECCO when the projected life cycle cost of the maintenance requirement exceeds the current small purchase cost threshold (\$25K). Specify, if maintenance is required for the purchased equipment, what type of maintenance as shown below, or cite other required maintenance service.</p> <p>a. 8-Hour a Day On Site Maintenance. Maintenance will be performed by the contractor 0800 through 1600, Monday through Friday, with the exception of Government holidays.</p> <p>b. 24-Hour a Day On Site Maintenance. Maintenance will be performed whenever required, regardless of the time of the day, including all holidays.</p>
<p>7. Section VI contains justifications and approvals.</p>	
501. Justification for requested service.	<p>Required for all starts. Provide justification for the requested service. If applicable, enter the project identification to which the RFS is associated. Enter the specific functions, missions, or tasks assigned to the user that require the support. For dedicated service enter a statement that the host activity DOIM has been consulted and is unable to satisfy this requirement within existing resources.</p>
502. Identification of reference.	<p>If the service has been requested by higher headquarters, identify the requirement tasking by citing the reference.</p>
503. Approval document.	<p>If the requested service requires concurrence of, or coordination with, a unified or specified command (for example, Office, Assistant Secretary of Defense, National Weather Service, National Oceanographic Atmospheric Agency, CJCS, FAA, or CINC), cite the concurrence or coordination document. If service requires commercial communications circuit identifier of CJCS approval, identify authorization.</p>
504. Justification for maximum calling area.	<p>If DSN/AUTOVON or AUTOSEVOCOM, provide justification for MCAI of other than are or if a community of interest is specified. If the requested MCAI has been previously approved, cite the approval document.</p>
505. Justification of precedence.	<p>When applicable, enter evidence that requirement for the DSN/AUTOVON or AUTOSEVOCOM precedence in other than 4, 7, or 9 in item 213 is necessary for mission and function accomplishment. Describe the nature of conditions or situations to include the delegation of authority to direct actions in consonance with the Joint Uniform Telephone Communications Precedence System (JUTCPS). The JUTCPS is in ACP 121, U.S. Suppl 1.</p>
506. Justification of abbreviated dialing.	<p>When applicable, enter evidence that DSN/DCTN/AUTOVON abbreviated dialing (requested in item 220) is necessary for mission and function accomplishment. Also enter the distant DSN/DCTN/AUTOVON number in item 220.</p>
507. Justification for DSN/DCTN/AUTOVON conference service.	<p>When applicable, enter list of conferees if conferencing is requested in item 224, and include DSN/DCTN/AUTOVON numbers, base or city, and state or country. Provide evidence that conference service is necessary for mission or function accomplishment.</p>
508. Justification for off-hook service or pre-emption capability.	<p>When applicable, enter evidence that requirement for off-hook service requested in item 209 is necessary for mission or function accomplishment.</p>
509. Unassigned.	

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
510. Funding approval.	When required, reference message or telephone conversation that provided approval when citing PDC of another department or agency TCO. That TCO must be included as an info addressee on the RFS.
511.	Reserved for future use.
512. DCS or non-DCS approval.	When applicable, enter DCS or non-DCS approval (DOD agencies only).
513. AMPE approval.	Enter when applicable. Requirements for AUTODIN service involving procurement of AMPE systems, as covered by JCS MOP 165, require DOD approval. Cite the approval document.
514. Requesting activity's requirement number.	Enter the number, if any, assigned to the requirement by the requesting activity.
515- Registration number.	<p>Enter the FCC registration number (or grandfathered affidavit number) for each circuit terminal if the service is to be connected or switched into the nationwide commercial telephone network and the customer is providing the circuit terminal equipment. Equipment that is registered for connection to WATS, Long Distance Measured Telephone Service (LDMTS), and Category I private line service will have a registration number similar to AB1 CD2-34567-PF-E. The registration number is broken down as follows:</p> <ul style="list-style-type: none"> a. AB1—Grantee of registration number. b. CD2—Manufacturer of registered equipment. c. 34567—Unique code for the registered equipment. d. PF—Type of terminal equipment. For multiline terminating systems, it identifies not only the type of system but also the network protection it provides. (For multiline terminating systems, identify the terminating cable and cable pairs in item 417.) e. E—The network address signaling.
516- Ringer equivalence number.	Enter the ringer equivalence number. Equipment that is registered as defined in 515 above will also be assigned a ringer equivalence number similar to 1.0B.
517- Service code.	Enter the service code. Equipment registered in 515 above and Category III private line service will be assigned a service code similar to 9.0F.
518- Facility interface code and port class identifier.	<p>Enter the facility interface code and port class identifier. A facility interface code is required for the connection of a registered or grandfathered multiline terminating system to a Category III private line service. These codes come in two types: registered facility interface codes and grandfathered facility interface codes. Grandfathered equipment, when off-premise service is being installed, will have a port class identifier also. A sample of these codes follows:</p> <ul style="list-style-type: none"> a. Registered: TL11M. b. Grandfathered: 11-TT-MB. c. Grandfathered: 11-TT-MB-A (off-premise service).
8. TSP service information. RFS items 521-531 must be completed (unless otherwise noted) when requesting a new TSP assignment or changing, revoking, or revalidating an existing TSP assignment. See DCAC 310-130-4 for additional information concerning the TSP System. RFS preparers will need to familiarize themselves with the DCA circular prior to completing an RFS for a TSP service.	
521. Action requested.	<p>Enter one of the following choices:</p> <ul style="list-style-type: none"> "A" to request a TSP assignment for a new service. "B" to request a TSP assignment for an existing service that currently has no TSP assignment or for a service with a priority under the old RP system. "C" to change an existing TSP service, a service's RP, or to change information about a service. "D" to request that a TSP assignment be revoked. "F" to revalidate a TSP assignment.
522. Unassigned.	
523. New service user ID.	<p>If desired enter a unique identifier that is used to recognize this requirement throughout its entire service life. (RFS numbers should not be used for this purpose as they do not normally remain constant over the life of the service. This identifier can be any alphanumeric combination or any name that is to be used to identify the service. Maximum length for this item is 24 characters. If the service user ID is not known, leave blank. When the ID becomes available submit an RFS with "C" in item 521, cite the TSP authorization code in item 102 and provide the ID in this item.</p>

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
524A. Unassigned.	
524B. Previous service user ID.	If this is a change, revocation, or revalidation of an existing service, enter either the TSP authorization code in item 102 or the previous service user I this item.
525. Service profile.	<p>Determine which of the following service profile elements and details apply to this service. The service profile elements (letters A–G) and service profile element details (numbered) describe attributes of a service that are under the control of a service user. Enter up to 12 profile element/detail identifier. Additional profile element/detail identifiers should be specified in RFS item 529. If none apply, enter “NA”.</p> <p><i>Element A</i>—Customer Premises Equipment (CPE) is equipment provided by the service user, whether through contract, as government-provided equipment, on combination to interface with vendor-provided service. Examples include modem and terminal equipment (e.g., cryptographic equipment, teletype, radio, facsimile, satellite earth terminals, switch, telephone, sensor, cablehead) supporting the service for which a priority level is being requested. This profile element includes spare terminal equipment, repair CPE parts, and CPE supplies. The three element details are:</p> <p>A1—On-site/on-call maintenance support or a contractual arrangement exist that is consistent with the restoration response expected of the telecommunications service vendor.</p> <p>A2—Spare equipment is provided as back up.</p> <p>A3—Applicable only if this is a provisioning request. Equipment and si??? preparation provided by the user will be available by the date service is required.</p> <p><i>Element B</i>—Customer Premises Wiring (CPW) includes all in-house circuit segments that are normally provided by the service user, whether through contract or as service user owned wiring on the “user” side of a demarkation point. The demark is that point, agreed upon mutually by the telecommunications service vendor and the service user, where operational control or ownership changes from one entity to another. In-house wiring that extends service from the demark point is the responsibility of the service user. This service may be provided by the service user or under contract to the service user. The two element details are:</p> <p>B1—All in-house circuit segments provided by the service user have on-site/on-call maintenance support, or a contractual arrangement consistent with the restoration response expected of the service vendor.</p> <p>B2—Applicable only if this is a provisioning request. All in-house circuit segments provided by the service user will be available by the date service is required.</p> <p><i>Element C</i>—Operations refers to the number of hours per day that a facility is manned, or if unmanned, operational. Unmanned terminals (such as sensors) tied to a central facility that monitors them 24 hours per day are considered to be operational 24 hours per day. Facilities that are in “hot-standby” and can be activated in a short time span are also considered to be operational 24 hours per day. Priorities for services to facilities such as alternate headquarters, which are not active until manned, may be requested as though the service facilities are operational 24 hours per day and an explanation should be provided in item 529 of the RFS. The two element details are:</p> <p>C1—The terminal facility operates 24 hours per day or it is in a hot-standby status.</p> <p>C2—Other. Explain in item 529.</p> <p><i>Element D</i>—Technical Control Facility/Fault Detection/Isolation refers to the capability to detect and isolate a problem within the system. This functiion may be performed by the service user or by a service vendor under contract to the service user. It may be the function of a patch and test facility located within an operations center. The two element details are:</p> <p>D1—A capability is available or contracted for 24 hours per day to isolate problems or perform service testing to determine faults.</p> <p>D2—Alarms are installed that automatically signal loss of service/circuit continuity and alert operations or technical control personnel.</p> <p><i>Element E</i>—Service Testing refers to periodic quality control tests that are performed to ensure that service being performed falls within certain parameters. Such testing is normally done by the service vendor. With service user owned systems, periodic testing may be done by contract personnel or service user employees. The element detail is:</p> <p>E1—First Service/Route Diversity refers to the availability of more than one telecommunications path between service points. “First Sewice” designates the primary or most important service between service points.</p>

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title

Instructions

Element F—First Service/Route Diversity refers to the availability of more than one tele-communications path between service points. “First Service” designates the primary or most important service between service points. It implies that other services operated between the two points are secondary or less important. “Route diversity” is the allocation of service between two points over more than one geographic path or physical route with no geographic points of commonality. The three element details are:

F1—A first service.

F2—A service path established to provide route diversity for another TSP service.

F3—Other. Explain in item 529.

Element G—Facility/Site Access refers to the ease with which provisioning or restoration personnel can enter a site. If provisioning or restoration efforts require facility/site access, the service user must coordinate with all concerned parties and be prepared to grant site access and provide escorts when necessary. If sites may not be entered by provisioning or restoration personnel because of security restrictions, the service user must provide enough spare equipment to permit continued operation. Repairs done by removing equipment or components from the site and providing them to repair personnel off-site are considered adequate for meeting the intent of this profile element. The four element details are:

G1—The service user will provide immediate access 24 hours per day to installation or restoration personnel.

G2—Service user personnel will meet service vendor personnel at prearranged, mutually determined time to provide access.

G3—The service user will provide access to provisioning or restoration personnel by the next business day.

G4—Other. Explain in item 529.

Telecommunications service priority (TSP) restoration priority (RP) information. Complete items 526A–526C ONLY if requesting a TSP RP for a new or existing service (A or B in item 521), or when requesting a different TSP RP level for an existing TSP service (C in item 521); otherwise leave these items blank.

526A.
TSP RP subcategory.

Enter “A” for national security leadership; “B” for national security posture U.S. population attack warning; “C” for public health, safety, and maintenance law and order; and “D” for public welfare and maintenance of the national economic poster. These subcategories are defined in DCAC 310–130–4.

526B.
TSP RP criteria.

Enter the number that corresponds to the criteria under which this service qualifies within the subcategory identified in item 526A. The criteria for qualification under the subcategories is defined in DCAC 310–130–4.

526C.
TSP RP requested.

Enter the priority level for which this requested service qualifies. To determine the appropriate TSP RP level, see DCAC 310–130–4. If this service does not meet all the elements/details for a given priority level, but nevertheless higher priority level is warranted, enter the priority level and state appropriate rationale in item 529.

Note: Emergency NSEP services not otherwise qualifying for a TSP RP level assignment as Essential NSEP (subcategory A, B, C, or D), may be assigned a TS RP level 5 for a 1-month period. In this case, enter an E in item 526A and level item 526B blank. Such 1-month TSP RP level assignment will be revoked automatically unless extended for another 1-month period. Designation “E” is be used ONLY if requesting both an emergency provisioning priority level and a TSP RP level of 5, and the service does not otherwise qualify for a higher TSP level.

Provisioning priority information. Complete items 527A through 527J ONLY if requesting a provisioning priority (emergency or essential provisioning of a service). Otherwise leave these items blank. A provisioning priority should be requested unless all other means to acquire an NSEP service have been unsuccessful and the need is so urgent that the service must be provided either as an emergency provisioning effort, to be provided at the earliest possible time without regard to the costs of obtaining the service; or as an essential provisioning effort, to be provided by a due date specified by the service used normally without regard to associated overtime or expediting costs. In either case, an invocation of NSEP treatment by an invocation official must occur.

527A.
Provisioning priority category.

If requesting an emergency provisioning priority, enter “E”. If requesting an essential provisioning priority, enter the letter that corresponds to the essential subcategory listed in 526A.

527B.
Provisioning priority criteria.

Enter the number that corresponds to the subcategory criteria for essential service in item 526B. If this is an emergency service enter the appropriate number that corresponds to the criteria listed in DCAC 310–130–4.

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
527C. Provisioning priority requested.	Enter the requested provisioning priority level for which this requested service qualifies. To determine the appropriate provisioning priority level, see NCS Manual 3-1-1. If this service does not meet all the elements/details for a given priority level, but nevertheless a higher priority level is warranted, enter the priority level and state appropriate rationale in item 529.
527D. Invocation official's name.	Enter the name of the invocation official. This person must be an authorized official as specified in DCAC 310-130-4. The invocation official's name and title must be on file with the TSP program office; otherwise the provisioning priority cannot be assigned. The final authority rest upon Commander, USAISC designee.
527E. Invocation Official's title.	Enter the title of the invocation official as previously submitted to the TSP program office.
527F. Invocation official's telephone number.	Enter the commercial telephone number (area code/number/extension) of the invocation official.
527G. Invocation official authorization.	If the invocation official has authorized this action, enter "Y", if not, enter "N".
527H. Unassigned.	
527I. Prime vendor POC.	If this is an emergency request, provide industry contact information. Enter company, name, and telephone number of the prime vendor POC.
527J. Order in process.	If the order is in progress (i.e., vendor(s) has/have started work), enter "Y" otherwise, enter "N".
528A. Svc user 24-hour POC title or name.	Enter title of the service user 24 point-of-contact for this service. This item is required if requesting a provisioning priority.
528B. Svc user 24-hour POC daytime telephone number.	Enter the daytime commercial telephone number of the contact identified in item 528A.
528C. Svc user 24-hour POC off-hours telephone number.	Enter the off-hours commercial telephone number of the contact identified in 528A.
529. Supplemental information.	Enter additional information to be used by the TSP program office to help understand the requested service and to aid with the assignment of the appropriate priority level.
530. Unassigned.	
531. Service user organization.	Enter the applicable four position federal information processing standard service user organization code from the following list:
Code 1100 1200 1300 9700	<i>Executive Office or Departmental Organization</i> Executive Office of the President Agriculture, Department of Commerce, Department of Defense Department (other than military departments, e.g., DARPA/DCA/DIA/DLA/DMA/DNA/DTS/NSA/Joint Staff/Strategic Defense Initiatives Agency.
Code 5700 2100 1700 9100 8900 7500 8600 1400 1500 1600 1900 6900 6920 2000 3600	Air Force, Department of Army, Department of Navy, Department of Education, Department of Energy, Department of Health and Human Services, Department of Housing and Urban Development, Department of Interior, Department of Justice, Department of Labor, Department of State, Department of Transportation, Department of Federal Aviation Administration Treasury, Department of Veteran Affairs, Department of
Code 5600	<i>Independent Federal Organizations</i> Central Intelligence Agency

Table C-1
Line Item Instructions for Completing Requests for Service—Continued

Sample entry and Entry title	Instructions
6800	Environmental Protection Agency
2700	Federal Communications Commission
5800	Federal Emergency Management Agency
9559	Federal Reserve System
4700	General Services Administration
1103	Management and Budget, Office of
8000	National Aeronautics and Space Administration
4735	National Archives and Records Administration
1335	National Telecommunications and Information Admin
3100	Nuclear Regulatory Commission
2400	Personnel Management, Office of
1800	Postal Service, United States
9000	Selective Service System
6400	Tennessee Valley Authority
6700	United States Information Agency

Glossary

Section I Abbreviations

AADCOM

Army Air Defense Command

AAFES

Army and Air Force Exchange Service

ACP

Allied Communications Publication

ADP

automatic data processing

ADPE

automatic data processing equipment

AFB

Air Force Base

AFRTS

American Forces Radio and Television Service

ALLA

Allied Long Lines Agency

AMC

U.S. Army Materiel Command

AMPS

Automatic Message Processing System

APO

Army Post Office

ARFCOS

Armed Forces Courier Services

ARPANET

Advanced Research Project Agency Network

ARS

automatic route select

ASC

AUTODIN switching center

ASCII

American Standard Code for Information Interchange

ASIMS

Army Standard Information Management System

ATC

air traffic control

AT&T

American Telephone and Telegraph Company

AUTODIN

automatic digital network

AUTOSEVOCOM

automatic secure voice communications

AUTOVON

automatic voice network

AVO

altroute validating office

BMDOA

Ballistic Missile Defense Operations Activity

BPS

bits per second

CA

connection approval

CAB

Compartmented address book

CARP

Contingency Altroute Routing Program

CCCI

commercial communications circuit identifier

CCO

circuit control office

CCSD

command communications service designator

CCWO

commercial communications work order

CDC

common distributable charge

CDRL

contract data requirements list

CIC

content indicator code

CICA

Competition in Contracting Act

CINC

commander in chief

CINCLANT

Commander in Chief, Atlantic

CIRC II

Central Information Reference and Control System

CLAM

completed leasing action message

COE

Corps of Engineers

COMSEC

communications security

CONUS

continental United States

CPIWI

customer premise inside wire installation

CPIWM

customer premise inside wire maintenance

CPU

central processing unit

CRITICOM

Critical Intelligence Communications

CSA

communications service authorization

CSIF

communications service industrial fund

CTC

CARP table change

DA

Department of Army

dBm

decibels milliwatt

dc

direct current

DCA

Defense Communications System

DCS

Defense Communications System

DCPS

Director customer payment system

DCSIM

Deputy Chief of Staff for Information Management

DCTN

Defense Commercial Telecommunications Network

DDD

direct distance dial

DDN

Defense Data Network

DECCO

Defense Commercial Communications Office

DIA

Defense Intelligence Agency

DID

data item description

DISNET

defense integrated secure network

DOD

Department of Defense

DOIM

Director of Information Management

DSCS

Defense Satellite Communications System

DSN

defense switched network

DSSCS

Defense Special Security Communications System

DSTE

digital subscriber terminal equipment

DTMF

dual tone, multi-frequency

EAC

emergency action console

EAS

extended area service

EM

end of medium

EMC

engineered military circuit

E-MAIL

electronic mailbox

ETS

European Telephone System

FAA

Federal Aviation Administration

FAO

Finance & Accounting Office

FCC

Federal Communications Commission

FDM

frequency division multiplexing

FEMA

Federal Emergency Management Agency

FEP

front end processor

FIC

Facility Interface Code

FMS

foreign military sales

FORSCOM

Forces Command

FPO

Fleet Post Office

FTS 2000

Federal Telecommunications System 2000

FX

foreign exchange

FY

fiscal year

GENSER

general service

GFE

Government-furnished equipment

GHz

gigahertz

GOS

grade of service

GSA

General Services Administration

HNA

host national approval

HSC

U.S. Army Health Services Command

HQDA

Headquarters, Department of the Army

Hz

hertz

ID

identification

IMSC

Information management support council

INSCOM

U.S. Army Intelligence and Security Command

IQR

inquiry/quote/order

IVN

intercity voice network

IXC

interexchange channel

JANAP

Joint Army?Navy?Air Force Publication

JCS

Joint Chiefs of Staff

Joss

Joint Overseas Switching System

JUMPS

Joint Uniform Military Pay System

JUTCPS

Joint Uniform Telephone Communications Precedence System

kBPS

kilobits per second

kHz

kilohertz

km

kilometers

LATA

local access and transport area

LCMIS

Leased Communications Management Information System

LDMTS

long distance measured telephone service

LMF

language media format

mA

milliamperere

MACOM

major Army command

MBPS

megabits per second

MCA

maximum calling area

MCAI

maximum calling area indicator

MCAP

maximum calling area precedence

MDW

U.S. Army Military District of Washington

ME

management evaluation

MERL

master equipment reference list

MHz

megahertz

MILDEP

military department

MILNET

military network

MIPR

military interdepartmental purchase request

ML

maximum limits

modem

modulation/demodulation equipment

MRC

monthly recurring cost

NISU

message switching unit

MTBF

mean time between failure

MTMC

Military Traffic Management Command

MTTR

mean time to repair

NALLA

National Allied Long Line Agency

NATO

North Atlantic Treaty organization

NAWAS

National Warning System

NCA

National Command Authority

NCR

National Capital Region

NCS

National Communications System

NGB

National Guard Bureau

NIOD

network inward-outward dialing

NORAD

North American Air Defense Command

NSA

National Security Agency

NSEP

national security/emergency preparedness

OCE

Office of the Chief of Engineers

O&M

operation and maintenance

OPLAN

operation plan

OPX

off-premise extension

OSD

Office of the Secretary of Defense

OTS

Oahu telephone system

OW

orderwire

PABX

private automatic branch exchange

PBX

private branch exchange

PCM

pulse code modulation

PDC

program designator code

PDN

Public Data Network

PERSCOM

Total Army Personnel Command

PERSINSCOM

Personnel Information Systems Command

PLA

plain language address

POC

point of contact

POTS

purchase of telephones and services

PS

performance specification

PSN

packet switch node

P/U

purpose/use

Q/R

query/response

RAPIDS

Random Access Personnel Information Dissemination System

RDN

ringdown

RFP

request for proposal

RFS

request for service

RI

routing indicator

RP

restoration priority

RSO

reimbursable service order

R&R

review and revalidation

SDI

strategic defense initiatives

SECORD

secure voice cordless switchboard

SEVAC

secure voice access console

SHAPE

Supreme Headquarters Allied Powers Europe

SPINCOM

special intelligence communications

SRC

subscriber rate code

SWP

Southwest Pacific

TAC

terminal access controller

TCB

telecommunications control board

TCP/IP

transmission control protocol-internet protocol

TDM

time division multiplexing

TI

transmission identification

TMSO

Telecommunications Management and Services Office

TRADOC

U.S. Army Training and Doctrine Command

TRI-TAC

Joint Tactical Communications Office

TSO

telecommunications service order

TSP

telecommunications service priority

TSR

telecommunications service request

TTY

teletypewriter

TWX

teletypewriter exchange

URDB

user requirements data base

USACIDC

U.S. Army Criminal Investigation Command

USAISC

U.S. Army Information Systems Command

USARCCO

U.S. Army Commercial Communications Office

USAREC

U.S. Army Recruiting Command

USAREUR

U.S. Army, Europe

USARJ

U.S. Army, Japan

USARPAC

U.S. Army, Pacific

USASETAF

U.S. Army Southern Europe Task Force

USASSG

U.S. Army Special Security Group

USCINCEUR

United States Commander in Chief, Europe

USMEPCOM

U.S. Military Enlistment Processing Command

VF

voice frequency

VFCT

voice frequency carrier telegraph

VHF

very high frequency

WARP

Worldwide AUTODIN Restoral Plan

WATS

Wide Area Telephone Service

WIN

WWMCCS Intercomputer Network

WINCS

WWMCCS Intercomputer Network Communications Subsystem

WPC

word processing center

WPM

words per minute

WWMCCS

Worldwide Military Command and Control System

Section II

Terms

Access line

A circuit between a subscriber and a switching center.

Alternate use

An arrangement that permits the use of a circuit for different types of transmissions, such as voice, TTY, facsimile, and magnetic tape. Only one type of operation is normally possible at any one time, although simultaneous use is possible in some instances. A voice circuit with secure and nonsecure capabilities is not considered to be alternate use.

Alternate voice/data

The alternate use of circuits when one use is for voice (nonrecord) conversations and the other use is for record communications. Transfer arrangements and conditioning equipment are normally required for alternate use. When a circuit is used exclusively for voice, even though the voice conversations may appear as data on the transmission path between the end terminals, the circuit is not considered as an alternate voice data or voice record circuit. Alternate voice/data is interchangeable with alternate voice/record.

Analog signal

A nominally continuous electrical signal that varies in some direct correlation to a nonelectrical signal impressed on a transducer.

Approval

The unified or specified command's concurrence in the use of communications resources in its area of responsibility to fulfill the requirement of another unified or specified command, MILDEP, or DOD agency.

Area signal representative

The USAISC representative responsible for local telecommunications operations and support for a designated overseas military installation or community.

AUTODIN hybrid

An AUTODIN connection at the technical control facility. The circuit does not go through the message switching unit when in the hybrid condition.

AUTODIN query response service

A data service that permits the exchange of questions and answers between AUTODIN subscribers with no attempt to sustain the continuity of the information transfer process.

Automatic data processing equipment

Any equipment or interconnected system or subsystems of equipment, including circuitry and ancillary equipment, that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching interchange, transmission, or reception of data or information. The term ADPE includes telecommunications services, circuits, systems, and equipment.

Avoidance routing

The routing of a circuit to avoid critical junctions, known target areas, and highdensity areas.

Base communications

Nontactical telecommunications networks, systems, facilities, equipment, and information systems services that support host and tenant activities at the installation level. Base communications include intrastate service unless that service is part of a large network or system that traverses LATA boundaries.

Baud

The unit of modulation rate. One baud corresponds to a rate of one unit interval per second, where the modulation rate is expressed as the reciprocal of the duration in seconds of the unit interval.

Below-the-threshold requirement

A telecommunications requirement that does not exceed \$500,000 in investment cost for Government-owned facilities, or does not exceed \$200,000 in total annual cost for leased facilities. It does not require programming approval at OSD level.

Bit

In binary, the character 0 or 1. A unit of information equal to one binary decision or the designation of one or two possible and equally likely states of anything used to store or convey information.

Bits per second

The number of bits passing a point per second.

Call-up authority

User, DCS operating activity, or persons authorized to order activation of an engineered military circuit or on-call circuit.

Call stimulation

An increase in traffic volume resulting from the lack of positive mechanical or electrical control or a relaxation of administrative control measures.

Certification

The process performed by the TCO, USARCCO, to certify to DCA that a specified telecommunications service or facility is a bona fide Army requirement.

Channel

A single unidirectional or bidirectional path for transmitting or receiving, or both, electrical signals, usually in distinction from other parallel paths.

Command communications service designator

An eight-character, alphanumeric designator assigned to each circuit in the DCS to identify the agency requiring service, the purpose and use, the category of service provided, and the unique circuit identity numbers.

Commercial Communications Work Order

Information used to obtain limited changes to installed long-haul services. The CCWO is prepared on DD Form 1367.

Common carrier

Any person, partnership, association, joint-stock company, trust, Government body, or corporation that provides telecommunications services to the general public and is authorized or franchised by the FCC or other appropriate Government regulatory body.

Common switching facilities and circuits

The equipment, facilities, and interswitch circuits composing the DCS switched networks that are used in common by all users and subscribers.

Communications service authorization

Issued for specific leased communications services, facilities, or equipment at an agreed on price or price ceiling.

Completed leasing action message

The message issued by DECCO when the order has been confirmed by the carrier or vendor.

Critical Intelligence Communications System

Those communications facilities under the operational and technical control of the Director, NSA that have been allocated for the timely handling of critical and signal intelligence.

Data set

The interfacing equipment sometimes required to couple the data terminal equipment into a transmission circuit or channel and from a transmission circuit or channel into the data terminal equipment, also commonly referred to as a modem.

Dedicated services

All leased and Government-owned, long-haul circuits or facilities other than AUTOVON, AUTODIN, AUTOSEVOCOM, DDN, DCTN, DSN, FTS, or FTS 2000 switched service.

Defense Communications System requirement

A requirement that concerns a facility or service excluded from the DCS by DOD Directive 5105.19.

Defense Special Security Communications System

The record message portion of the CRITICOM system and the SPINTCOM network. DSSCS provides for the transmission of encrypted, signals intelligence, special intelligence, and other sensitive compartmented information.

Developmental inquiry

An inquiry issued by DECCO, as a result of a TSR, to commercial sources for quotations that will be used for information or planning purposes. Developmental inquiries are not used to obtain data on individual circuits or equipment that is listed in filed tariffs and can be obtained directly from contractors.

Digital signal

A nominally continuous electrical signal that changes from one state to another in discrete steps.

Diverse routing

The routing of two or more circuits with like terminals over different physical routes.

Dry pair

A metallic circuit path with no voltage applied.

Dual homed

The connection of an AUTOVON subscriber to two different switches with a single telephone number.

Electronic switching system

A fully electronic, TDM, PABX switching system. A compact, efficient state-of-the-art PABX system.

End-to-end

The circuit from one user or other terminal point on a private line service to the users or other terminal points on the same private line service as established by the requirement described in the TSR, TSO, CSA, service inquiry, or order.

Foreign exchange

A service obtained from a commercial dial exchange that is located in a telephone company rate center area other than that which serves the user.

General service community traffic

All security classifications, excluding communications intelligence and other sensitive compartmented information. This is commonly referred to as "R" traffic.

General Services Administration customer account number

A 6?digit number assigned by GSA that identifies the GSA switchboard location (first 3 digits), type of service (fourth digit), and the customer (last 2 digits). This number is used for billing and customer identification and applies to the FTS.

Government-owned

The communications terminal equipment, facilities, or transmission media owned and provided by DOD.

Host national approval

Approval required for all communications terminal equipment to be attached to commercial circuits outside CONUS. U.S. equipment must be reviewed or tested before installation approval by the host nation.

Hunt

The operation of a selector or other similar device to find and establish connection with an idle circuit of a chosen group.

Immediate network inward dialing

All precedence AUTOVON inward traffic that is routed to the attendant immediately. Routine traffic will be in-dialed to PBX extensions.

In-hunt

A term used in RFS processing to specify if hunt capability is required or desired.

Interswitch trunk

A truck between switching centers.

Leased Communications Management Information System

The USARCCO data base compiled from DCA or DECCO records that is used to formulate reports of the Army's worldwide, long-haul communications resources.

Linebook

An 80-character data stream.

Line load control

Selective denial of call origination to certain access lines when excessive demands for service are required of a switching center.

Long-haul

Those leased and Government-furnished circuits or facilities that comprise the DCS and those leased private line circuits for which the mileage cost is charged as full air mile increments or cross-tariff boundaries. Also includes services that cross LATA boundaries.

Major Army command validation

The review and approval of the requirement for inclusion in the programming, planning, and budgeting cycle of the appropriate command.

Major communications requirement

A requirement that necessitates a project costing \$500,000 or more for investment cost in Government-owned facilities or \$200,000 or more for total annual cost for leased facilities.

Maximum calling area

The maximum area to which an AUTOVON access line is capable of extending calls.

Maximum calling area precedence

The maximum precedence level at which an AUTOVON access line may initiate calls.

Message switching unit

An installation in a communications system in which switching equipment is used to interconnect communications circuits on a message or circuit switching basis (AUTODIN switching center).

Modem

An electrical device that uses modulation and demodulation circuitry to permit the transmission of the digital information stream over available communications analog circuitry.

Multiplex

Use of a common channel to make two or more channels, either by splitting of the frequency band transmitted by the common channel into narrower bands, each of which is used to constitute a distinct channel (FDM) or by allotting this common channel to multiple users in turn, to constitute different intermittent channels (TDM).

Network inward dialing

A service that permits a PABX user to receive calls without the assistance of the PABX attendant.

Network outward dialing

A service that permits a PABX user to originate routine calls without the assistance of the PABX attendant. Calls above routine are originated by the PABX attendant.

Network inward dialing manual out

An AUTOVON network dial service combining the capabilities of routine network inward dialing, precedence network inward dialing, or immediate network inward dialing with manual outward operation.

Nonmirror image circuit

A two-way circuit with at least one pathway that is different from those paths traversed in the opposite direction.

Off-premise extension

PABX or Centrex service provided by a base, post, camp, or station to a customer located on a different premise.

Operational validation

The initial action involving review and concurrence with the necessity for a requirement at the local command level.

Other common carrier

Any person, partnership, association, joint-stock company, trust, Government body, or corporation engaged in the business of supplying specialized telecommunications services to the public in a specific location. (Also referred to as specialized carrier.)

Precedence-incoming

All precedence AUTOVON inward traffic to a subscriber, which is indicated by precedence ringing.

Precedence manual incoming

All inward AUTOVON traffic routed to a PBX operation, which is indicated by flashing lamp for precedence and steady lamp for routine.

Precedence network inward dialing

An AUTOVON service that routes precedence and routine network inward-dialed calls directly to a PABX user. Precedence inward calls are routed to the PBX attendant for attention if the extension is busy or does not answer.

Private automatic branch exchange

A PBX in which the connections are made automatically.

Private branch exchange

A manually operated internal telephone exchange serving a single organization and usually having connections to another telephone exchange.

Program designator code

A six-position, alphanumeric code used to identify leased services by system, network, and primary user. It is specifically required to identify the funding activity responsible for reimbursing DECCO for the cost of leased service, backbone, and overhead charges, as appropriate. Within the Army, it is used for management of the LCMIS.

Public Data Network

Commercial, packet switched networks (for example, TELENET, TYMNET, INFONET) that facilitate the transmission of data, voice, and facsimile telecommunications on a domestic and international basis. Service offerings include virtual host-to-host and terminal-to-host connectivity, to include electronic mailbox.

Reroute

To substitute channels to restore a circuit when the original channels fail. A reroute may be preengineered.

Routine network inward dialing

A service that permits all calls destined for PABX extensions to be directly indialed without the assistance of the PABX attendant. If the called extension is busy, all calls receive a busy signal.

Routine incoming

All inward AUTOVON traffic to the dedicated subscriber. If called subscriber is busy, all calls receive a busy signal.

Single source procurement

A contract award accomplished without competition which, except for overriding considerations expressed in the contracting officer's determination and findings, could have been awarded competitively.

Sole source procurement

A noncompetitive procurement that occurs when communications services, equipment, or facilities can be obtained from only one person or firm (for example, when only one common carrier is franchised, licensed, or otherwise authorized to provide service within a specific area).

Split homing

The connection of a subscriber to more than one AUTOVON switching center by separate access lines using more than one telephone number.

Technical sufficiency

A condition that exists when circuits are engineered, configured, installed, conditioned, tested, and maintained on an end-to-end basis in a manner that meets the communications requirements as described in the TSO, service inquiry order, or CSA.

Telecommunications Certification Office

The person or activity designated by a Federal department or agency to certify to DCA (as an operating agency of the NCS) that—

- a. A specified telecommunications service is a validated, coordinated, and approved requirement of the department or agency.
- b. The department or agency is prepared to pay mutually acceptable costs to fulfill the requirement.

Telecommunications requirement

A statement of a requirement on which planning, programming, and budgeting justification and economic analysis are based for nontactical telecommunications services, facilities, systems, equipment, engineering, and technical assistance provided.

Telecommunications service order

The authorization from Headquarters, DCA or a DCA area or region to start, change, for discontinue circuits or trunks and to make administrative changes.

Telecommunications service request

A valid, approved, and funded telecommunications requirement submitted to DCA or DCA activities. TSRs may not be issued except by specifically authorized TCOs.

Temporary telecommunications service A telecommunications service where the start and discontinue dates are both established and the in-service time will not exceed 90 days.

Trunk

A single transmission channel between two points, both of which are switching centers or nodes or both.

USAISC area DOIM

The USAISC supporting information systems commander responsible for providing assistance and coordination for procurement of telecommunications requirements for Army installations and activities within a specific geographical area.

USAISC supporting DOIM

The USAISC manager located on an installation who is responsible for providing or arranging telecommunications support for those activities/organizations located on the installation, including tenant activities, and those off-post satellite activities on the installation for support.

User

A person, organization, or entity that employs the services provided by a telecommunications system for transfer of information to others.

User loop

A circuit connecting a user to a PABX.

Section III**Special Abbreviations and Terms**

This section contains no entries

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