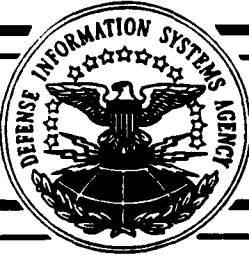


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DISA CIRCULAR
310-130-1*



DEFENSE INFORMATION SYSTEMS AGENCY

SUBMISSION OF TELECOMMUNICATIONS SERVICE REQUESTS

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*This Circular cancels DCA Circular 310-130-1, 2 January 1990



DEFENSE INFORMATION SYSTEMS AGENCY

701 SOUTH COURTHOUSE ROAD
ARLINGTON, VIRGINIA. 22204-2199

DISA CIRCULAR 310-130-1*

23 July 1992

COMMUNICATIONS REQUIREMENTS

Submission of Telecommunications Service Requests

1. Purpose. This Circular prescribes instructions for the preparation and submission of Telecommunications Service Requests (TSR's) applicable to requirements for Defense Communications System (DCS) service, and for non-DCS service acquired by the Defense Commercial Communications Office (DECCO) and DECCO activities for DoD and other Government departments, offices, and agencies.
2. Applicability. This Circular applies to all DoD and non-DoD departments, agencies, commands, and offices having authorized requirements for DCS services or for non-DCS services that are acquired by DECCO or DECCO activities.
3. Authority. This Circular is published in accordance with the authority contained in DoD Directive 5105.19, Defense Information Systems Agency (DISA), 25 June 1991.
4. References.
 - a. DISA Circular 350-135-1, Defense Commercial Communications Acquisition Procedures, 17 May 1984.
 - b. DISA Circular 310-65-1, Circuit and Trunk File Data Elements and Codes Manual of the Defense Communications System (DCS), 21 April 1987.
 - c. DISA Circular 310-50-1, Use of DCS Facilities by Non-DoD Agencies, 13 September 1966, as amended.
 - d. NCS Directive 3-1, Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NS/EP), 5 July 1990.
 - e. CJCS Memorandum of Policy (MOP) No. 8, Policy for Defense Switched Network Service, 13 February 1990.
 - f. DoD Directive 5105.19, Defense Information Systems Agency (DISA), 25 June 1991.
 - g. DISA Circular 300-175-9, DCS Operating-Maintenance Electrical Performance Standards, 29 August 1986.

*This Circular cancels DISAC 310-130-1, 2 January 1990. (For summary of significant changes, see signature page.)

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h. NCS Manual 3-1-1, Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NS/EP) Service User Manual, 9 July 1990.

i. JCS PUB 2, Unified Action Armed Forces, 1 December 1986.

j. DoD 5220.22-R, Industrial Security Regulation, December 1985.

k. DISA OPLAN 1-84, Worldwide AUTODIN Restoral Plan, October 1984.

l. CJCS Memorandum of Policy No. 14, AUTODIN and Associated Message Processing Systems, 10 May 1990.

m. DISA Circular 310-225-1, DSN, Phase 1, User Services Guide, November 1989.

n. JCS Memorandum of Policy No. 178, Military Satellite Communications System, 4 September 1986.

o. DISA-Europe Circular 310-140-2, Connection Approval Procedures, 1 July 1987.

p. DISA Circular 310-130-4, Defense Users Guide to the Telecommunications Service Priority (TSP) System, 10 September 1990.

q. DISA Circular 310-50-6, Defense Communications System Orderwires, 13 November 1980.

r. DISA Circular 310-120-2, DSN Phase I Network Configuration Management Guide, August 1990.

s. DISA Circular 310-70-1, DCS Systems Control, Vol II, Operational Procedures TCF/PTF/MTC's, 12 August 1986.

t. CJCS MOP 43, Military Telecommunications Agreements and Arrangements between the United States and Regional Defense Organizations or Friendly Foreign Nations, 23 August 1990.

u. CJCS MOP 70, Defense Information Systems Network Near-Term and Connected Systems.

v. DISA Instruction 100-50-5, Provision or Loan of Equipment or Services to Foreign Governments, NATO, or Other International Organizations (International Agreements), 3 April 1992.

w. DoD Directive 4640.13, Management of Base and Long-Haul Telecommunications Equipment and Services, 5 December 1991.

x. DoD Instruction 4640.14, Base and Long-Haul Telecommunications Equipment and Services, 6 December 1991.

y. Federal Information Resources Management Regulation (FIRMR).

z. Allied Long Lines Agency (ALLA) Compendium 334-90, Enclosure 5, Annex B to Chapter 2 of Section VII of Volume II (NATO Restricted).

5. Scope. The methods and procedures contained in this Circular pertain to telecommunications service that is required within 360 days (for leased service) and 180 days (for DCS service) from submission date of the TSR.

6. Operation Considerations. DoD DCS circuits requested under the provisions of this Circular will be operated and maintained in accordance with the provisions of the references listed in paragraph 4.

7. Circular Maintenance. Each DISA area is authorized to publish supplemental instructions to this Circular pertaining to its assigned DCS area with prior approval of Headquarters, DISA. A copy of proposed supplemental instructions will be submitted for approval prior to publication. Such supplements and any material submitted for inclusion in this Circular will be prepared in a format identical with that used in this Circular. These submissions will be addressed to the Director, DISA DOCP, 701 S. Courthouse Road, Arlington, Virginia 22204-2199.

8. Additional Copies and Extracts. Recipients are authorized to reproduce this Circular in whole or in part.

FOR THE DIRECTOR:


EDWARD J. HENDERSON, JR.
Colonel, USAF
Chief of Staff

SUMMARY OF SIGNIFICANT CHANGES. This revision is issued to:

- a. Incorporate all previous interim message changes.
- b. Incorporate new information previously disseminated by printed changes and errata sheets.
- c. Incorporate "DISA" throughout document.
- d. Incorporate previously approved changes regarding submission of TSR's for DDN service.
- e. Incorporate previously approved changes regarding submission of Exception Reports and DD Forms 1368.
- f. Incorporate previously approved changes to the Canadian-U.S. circuit ordering procedures.
- g. Incorporate a new FTS2000 Leadtime Table.

- ## RECORD OF CHANGES

[illegible]

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GLOSSARY OF TERMS

The most common terms and definitions used in conjunction with processing telecommunication service requests are listed below. Additional terms and definitions are contained in FED-STD-1037, July 1980.

Access Line. A circuit connecting a switched network subscriber directly to a switching center, or to a node in packet switching systems.

Agency Procurement Request (APR). A request by a Federal agency for the General Services Administration (GSA) to acquire Federal Information Processing (FIP) resources, or for GSA to delegate the authority to acquire FIP resources.

Alternate Use. An arrangement which permits the use of a circuit for different types of transmissions, such as voice, teletypewriter, facsimile, magnetic tape, etc. Normally, only one type of operation is possible at any one time (alternate use), although simultaneous use is possible in some instances. The use of a circuit exclusively for voice communications, even though both secure and nonsecure voice conversations are passed over the circuit, is not considered alternate use.

Alternate Voice Data (AVD) or Alternate Voice Record (AVR). Interchangeable terms which describe 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 alternate voice record circuit.

Approval. The unified or specified command concurrence in the use of the communication resources in its area of responsibility to fulfill the requirement of another unified or specified command, military department, or DoD agency.

AUTODIN Hybrid. An AUTODIN connection at the Technical Control Facility. The circuit does not go through the MSU.

AUTODIN Message Switch. A combination of equipment which provides a store-and-forward capability, with a message being the smallest autonomous unit for routing. The message switch uses a predetermined routing method, and message accountability is on a message-by-message basis.

AUTODIN Query Response Service. A data service that permits the exchange of question and answer between AUTODIN subscribers, with no attempt to sustain the continuity of the information transfer process.

Automated Message Processing Equipment (AMPE). Equipment used to perform in-station communications processing and distribution functions.

Callup Authority. User, DCS operating activity, or person(s) designated in the Telecommunications Service Request (TSR) as authorized to order activation of a contingency or oncall circuit.

Circuit. A means of one- or two-way communication between two points, comprising associated "transmit" and/or "receive" channels.

a. Allocated Circuit. A circuit designated for use (whether common user or dedicated).

b. Dedicated Circuit. A circuit designated for the specific use of one or more users.

c. Duplex Circuit. A circuit which permits independent communication transmission in both directions simultaneously (often called a full-duplex circuit).

Circuit Utilization Code (CUC). A 3-letter code which identifies the general and specific use of an international (i.e., intercountry) leased permanent ALLA (NATO) circuit.

Data Transmission Network (DTN). A DCS worldwide digital network structured to provide full-duplex, point-to-point, and multipoint digital data transmission service for a variety of applications, initially at user data transmission rates ranging from 35 b/s to 56 Kb/s and eventually at even higher bit rates.

DISA Action Agency. The DISA element(s) that will act upon the TSOs request for service. For example, the DISA action agency for an intra-area circuit requirement within DCS area 3, 4, or 5, is DISA-EUR.

DISA Field Activities. Those elements of the DISA that are under the command of the Director, DISA, but are organizationally separate from the DISA headquarters.

DCS Plan. A master plan for the evolutionary development and improvement of the DCS in fulfilling communications requirements of the DoD and other Government agencies as authorized and directed. The DCS Plan will cover the period from the budget year to 10 years in the future and will be in consonance with the Joint Strategic Planning System.

Defense Commercial Telecommunications Network (DCTN). A leased communications system that provides economic and reliable routine switched voice service, dedicated wide band data service, and video teleconferencing capabilities within the Western Hemisphere for the Department of Defense (DoD), the General Service Administration (GSA), and other authorized users. Circuits installed between the DCTN end office and the DCTN node are configured as one bundled (T1 or ADPCM in most cases) trunk group. The quantities of circuits within this bundle are described differently for billing purposes. Billing is based on erlangs outbound, carried load. There are two different definitions applied to these circuits as follows:

a. With Internodal Allocation: 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 served by the DCTN.

b. Without Internodal Allocation: 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 served by the DSN/AUTOVON. This traffic is switched to the AUTOVON by the #5 ESS located at the DCTN node.

Defense Communications System (DCS). The DCS is a composite of DoD-owned and leased telecommunications subsystems and networks comprised of facilities, personnel, and material under the management control and operational direction of the DISA. It provides the long-haul, point-to-point, and switched network telecommunications needed to satisfy the requirements of Department of Defense and certain other Government Agencies, including those required to interconnect the NCA, the Joint Staff, and the Unified and Specified Commanders with the general purpose networks.

a. The DCS includes fixed, transportable, and mobile facilities. It consists of:

(1) Switching and/or relay facilities to include associated software of the general purpose (common user) networks, such as Automatic Voice Network (AUTOVON), Defense Switched Network (DSN), Automatic Digital Network (AUTODIN), Defense Data Network (DDN), Automatic Secure Voice Communications Network (AUTOSEVOCOM), and Secure Voice System (SVS).

(2) Transmission media and/or circuits that provide user and/or subscriber connection into the DCS networks, or which interconnect the switching and/or relay facilities and/or the user and/or subscriber terminals in use by the DCS. This includes the assets of the Defense Satellite Communications System, except those portions that are specifically excluded from the DCS.

b. Although the DISA specifies the interconnection and interface standards when operated with DCS networks, the DCS does not include the following:

(1) Mobile and/or transportable communications facilities and assets organic to Army, Navy, Air Force, and Fleet Marine forces, unless specifically designated as components of the DCS.

(2) Ship and/or ship, ship and/or shore, air and/or air, air and/or ground, and other tactical telecommunications as defined in DoD Directive 7750.5.

(3) Post, camp, base, and station user and/or subscriber facilities and terminals.

(4) On-site telecommunications facilities associated with or integral to weapons systems and to missile launch complexes, including those required for countdown, command, control, weapons destruct, and for range safety.

(5) Consoles and display devices integral to the Unified and Specified Command Centers, their DoD Component Headquarters, and the Military Services' operations centers.

Defense Data Network (DDN). A general purpose telecommunications network of the DCS that is the primary means of providing long-haul digital data communications among DoD data systems.

Defense Data Network (DDN) User Requirements Data Base (URDB). A list of all currently operational and planned DoD ADP systems and data networks that require long-haul and area data communications support. The URDB provides a general description of the system and its concept of technical operation.

Defense Information System Network (DISN). DISN is a long-haul information transfer infrastructure that provides end-to-end information transfer and value-added network services for the Defense Information System (DIS). The mission of the DISN-NT is to provide reliable, secure, responsive, survivable and affordable information transport for DoD users on an end-to-end (sometimes referred to as keyboard-to-keyboard) basis.

Defense Switched Network (DSN). An inter-base telecommunications system providing end-to-end, common-user and dedicated telephone service for the DoD with later capability of incorporating data and other traffic. The Automatic Voice Network (AUTOVON) has evolved into the DSN. DSN elements are the AUTOVON, Oahu Telephone System (OTS), Defense Commercial Telecommunications Network (DCTN), European Telephone System (ETS), Korean Telephone Upgrade (KTU), Japan Telephone Upgrade (JTU), and other circuit switch projects that include all DoD non-secure telecommunications (voice, common-user, and dedicated) from user terminal to user terminals across all connectivity means (Government-owned and leased, terrestrial, and satellite transmission paths and switched facilities).

Delegation of Procurement Authority (DPA). A written document obtained from the administrator of the General Services Administration (GSA) authorizing the agency to conduct the procurement. It will include any specific conditions which must be met. DPA's are categorized as either a blanket DPA (e.g., authority to conduct a certain class of procurement) or a specific DPA (e.g., authority to conduct a specific procurement). A DPA is not required for a procurement determined to be exempt under the Warner Amendment.

Detailed Engineering. That engineering necessary to prepare complete equipment and software technical design or performance specifications which provide a basis for procurement, design/development, and test and acceptance. It also includes that engineering performed to accomplish site surveys and to install and check out subsystem elements or components.

Developmental Inquiry. An inquiry issued by DECCO, as a result of a TSR or a TSO processed by a DISA circuit allocations and engineering activity, to commercial sources for quotation which will be used for information or planning purposes.

DoD Common-User Systems. The portion of the DCS, both switched and dedicated, that serves the DoD community.

Emergency NS/EP Telecommunications Service Requirement. (NOTE. The term "Emergency NS/EP" will be used for provisioning of emergency service leased within the United States, its territories, and possessions. The term "Emergency" is to be used only for emergency service in foreign areas not subject to NS/EP TSP provisioning priority procedures. See information in chapter 2, paragraph 9; chapter 3, paragraph 5g; chapter 4, paragraph 3f; and supplement 11 for an explanation of Emergency NS/EP TSP TSR procedures for emergency telecommunication requirements leased within the United States (i.e., 50 States, U.S. territories, and U.S. possessions)). To qualify as "Emergency NS/EP" the service must meet the criteria of at least one of the following:

a. A telecommunications service directly supporting Federal Government activity responding to a Presidentially declared disaster or emergency as defined in the Disaster Relief Act (42 U.S. Code 5122).

b. A telecommunications service directly resulting from any of the following circumstances:

(1) State or local government activity responding to a Presidentially, state, or locally declared disaster or emergency.

(2) State of crisis declared by the National Command Authorities.

(3) Efforts to protect endangered U.S. personnel or property.

(4) Enemy action, civil disturbance, natural disaster, or any other unpredictable occurrence that has damaged facilities whose uninterrupted operation is essential to national security emergency preparedness or the management of other ongoing crisis.

(5) 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; e.g., TAC, COMSECONDFLT, etc. (CINCEUR ONLY IN THE EUROPEAN AREA), that a communications requirement is so critical to protection of life and property or to the national security that it must be processed immediately.

(6) A request from an official authorized pursuant to the Foreign Intelligence Surveillance Act. Emergency requirements will be provisioned before all others, on a first-come-first-served basis, without regard to the costs of providing the service. Emergency requirements will contain authorization for overtime and expediting charges for leased service.

End-to-End. The circuit from one user equipment or other terminal point on a private line service to the user(s) equipment or other terminal point(s) on the same private line service, as established by the requirement described in the TSR, TSO, Communications Service Authorization (CSA), Service Inquiry, or Order.

Essential NS/EP Telecommunication Service Requirements. (NOTE: See information in chapter 2, paragraph 9; chapter 3, paragraph 5g; chapter 4, paragraph 3f; and supplement 11 for an explanation of Essential NS/EP TSP TSR procedures for Essential telecommunications requirements leased within the United States (i.e., 50 States, U.S. territories, and U.S. possessions).) When not otherwise qualifying as Emergency NS/EP, Essential NS/EP telecommunications service requirements, leased within the United States, are those required to be provisioned by due dates specified by service users, or restored promptly, normally without regard to associated overtime expediting costs. They may be assigned priority levels of "1," "2," "3," "4," or "5" for both provisioning and restoration, depending upon the nature and urgency of the supported function, the impact of a lack of service or service interruption upon the supported function, and, for priority access to public switched services, the user's level of responsibility. Priority level assignments will be valid for no more than 3 years unless revalidated. To be categorized as Essential NS/EP, a telecommunications service must qualify under one of the following subcategories: National Security Leadership; National Security Posture and U.S. Population Attack Warning; Public Health, Safety, and Maintenance of Law and Order; or Public Welfare and Maintenance of the National Economic Posture.

Federal Agency. Any executive agency or any independent establishment in the legislative or judicial branch of the Government (except the Senate, the House of Representatives, the Architect of the Capitol, and any activities under the Architect's direction).

Federal Information Processing (FIP) Resources. Automatic Data Processing Equipment (ADPE) which is defined as 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.

Federal Telecommunications System (FTS) 2000. A general purpose telecommunications network managed by the GSA and designed to provide analog and digital data transmissions for the total Federal Government within the 50 states and the Trust Territories of the United States.

Foreign Exchange. Service from a central office other than the one from which the customer would normally be served.

Head or Director of a Federal Agency. The Secretary, Attorney General, Administrator, Governor, Chairperson, or other chief official of an executive agency, unless otherwise indicated, including any deputy or assistant chief official of an executive agency and, for the Department of Defense, the Under Secretary and any Assistant Secretary of the Departments of the Army, Navy, and Air Force and the Director and Deputy Director of Defense agencies.

Implementation/Installation Plan (I/IP). The document which provides such detail as is necessary to serve as a guide for the implementation phase. It specifies the efforts required by participating organizations, establishes detailed schedules, and includes or identifies, as appropriate, supporting plans and documents containing technical and performance specifications, detailed work statements, applicable standards, advanced procurement plans, logistics, training, installation, and test plans, and supporting facility requirements. The I/IP responds to and supports the MEP.

Inter-DISA Area Service. Telecommunications service provided to users located in more than one DISA area of responsibility. For example, if one circuit user terminal is located in DCS area 1 and one or more of the other user terminals are located in DCS area 8, this would be an inter-DISA area circuit, and the responsible agency would be DISA TMSO (except for special user requirements).

Intra-DISA Area Service. Telecommunications service provided users when all user terminals of the circuit are located within one DISA area of responsibility. For example, a circuit originating in Hawaii (DCS area 8), transiting the Stockton tech control (DCS area 1) and terminating at Adak (DCS area 8), would be considered intra-DISA and would be the responsibility of DISA PAC.

Interstate Jurisdiction. Any telecommunications circuit which can carry a subscriber's signal between one state (or the District of Columbia/Puerto Rico/Virgin Islands/American Samoa/Guam) and another is under the jurisdiction of the Federal Communications Commission (FCC), and is regulated as interstate commerce. The FCC has the same jurisdiction over links which carry traffic to/from foreign countries or to/from mobile stations located outside the United States. Included in interstate jurisdiction are all the DoD's "common user" networks, such as DDN/DCTN/DSN/AUTOVON/AUTODIN/AUTOSEVOCOM, as well as any link that connects to a radio/broadcast termination, such as to air-to-ground transceivers. (Compare with "intrastate jurisdiction", below.)

Intrastate Jurisdiction. A telecommunications circuit which cannot carry a subscriber's signal beyond the borders of a single state (including the District of Columbia/Puerto Rico/Virgin Islands/American Samoa/Guam) is under the jurisdiction of that state's regulatory commission, and is not regulated by the FCC. Intrastate jurisdiction includes commercial services operated within an exchange area which are local in character, such as dial tone, as well as some services not local, such as some "foreign exchange" lines. (Compare with "interstate jurisdiction", above).

Long-Haul Telecommunications. All general purpose and special purpose long-distance facilities and services (including terminal equipment and local circuitry supporting the long-haul service) used to support the electromagnetic and/or optical dissemination, transmission, or reception of information via voice, data, video, integrated telecommunications, wire, or radio to or from post, camp, base, or station switch and/or main distribution frame (except for trunk lines to the first serving commercial central office for local communications services). This includes FTS2000, DSN, DDN, AUTODIN, dedicated point-to-point service, and the primary inter-exchange carrier

service associated with business or tie line to the local exchange carrier (e.g., DDD, Foreign Exchange, WATS, 800 service, etc.) and contractor-provided telecommunications including the interconnection of various functional ADP systems.

Management Control. The review, evaluation, coordination, and guidance of management actions necessary to fulfill the responsibilities outlined in this Circular.

Management Engineering Plan (MEP). The control document to effect program implementation by all participating organizations. It is a compilation of documents which places in context the plans, schedules, costs, and scope of all work and resources to be provided by each participating organization. It identifies or specifies subsystem configuration, performance, and interface requirements; technical and operational standards and specifications; type of equipment to be used; work statements required; logistic support planning, integrated testing, and training; management approach to implementation; assignment of responsibility for conduct of all effort; a schedule for task accomplishment; and progress reports required.

Military Essential Emergency Communications Network (MEECN). For purpose of this Circular, MEECN is defined as a composite of designated WWMCCS communications assets that, netted together, provide assurance that decisions of the NCA can be delivered from the NCA to U.S. Forces during all periods of stress.

Military Essential Emergency Communications Network (MEECN) Technical Support. The engineering and support effort requisite to insure that the functional requirements and performance objectives of the Joint Staff are met. It includes system analysis, development and supervision of technical plans and tests, technical interface recommendations, and recommendations for development efforts to meet system objectives as assigned.

Narrowband Signal. Any analog signal or analog representation of a digital signal whose essential spectral content is limited to that which can be contained within a voice channel of nominal 4 kHz bandwidth.

National Capital Region (NCR). The District of Columbia; Montgomer and Prince George Counties in Maryland; Arlington, Fairfax, Loudoun, and Prince William Counties in Virginia; and all the cities and towns included within the outer boundaries of the foregoing counties.

National Coordinating Center (NCC). A joint telecommunications industry-Federal Government operation established to assist in the initiation, coordination, restoration, and reconstitution of National Security and Emergency Preparedness (NS/EP) telecommunications services or facilities.

Network-Inward Dialing (NID). The phrase associated with an AUTOVON/DSN service permitting a PABX user to receive AUTOVON/DSN calls without the assistance of the PABX attendant. The four specific NID features are:

a. Immediate Diversion Network-Inward-Dialing (INID). All precedence (other than routine) AUTOVON/DSN inward traffic will be routed to the attendant immediately. Routine traffic will be in-dialed to PBX extensions.

b. Network-Inward-Dialing, Precedence Diversion (NIDPD). Permits routine precedence calls destined for PABX extensions to be directly in-dialed without the assistance of the PABX attendant, while priority and above precedence calls are immediately routed to the attendant for attention. This service is synonymous with Immediate Diversion Network-Inward-Dialing (INID).

c. Precedence Network-Inward-Dialing (PNID). An AUTOVON/DSN service which permits precedence inward-dialed calls (other than routine) to be routed directly to a PBX user. Precedence inward calls are routed to the PBX attendant for attention if the extension is busy or does not answer.

d. Routine Network-Inward-Dialing (RNID). Permits all calls destined for PABX extensions to be directly in-dialed without the assistance of the PABX attendant. If the called extension is busy, all calls, regardless of precedence, receive a busy signal.

Network-Inward-Dialing, Manual Outward (NIDMO). An AUTOVON/DSN network dial service combining the capabilities of RNID, PNID, or INID with manual outward operation. This service is normally associated with access lines that have a calling area capability which exceeds the number plan area, or that have the capability of originating priority and above precedence calls.

Network-Inward-Outward-Dialing (NIOD). An AUTOVON/DSN service which permits a PBX user to receive calls without the assistance of the PBX attendant, and permits origination of calls by the attendant.

Network-Outward-Dialing (NOD). Permits a PABX user to originate routine precedence calls within his number plan area without the assistance of the PABX attendant. Priority and above precedence calls and calls outside the number plan area can be originated only by the PABX attendant.

NMCS Technical Support. The engineering and ADP support efforts requisite to insure that NMCS functional requirements and performance objectives are met. Also see DoD Directive S-5100.44.

North Atlantic Treaty Organization (NATO). NATO was established in April of 1949 when the U.S. and 11 member countries signed a treaty to bolster the military defense of Europe with collective security. Today, there are 16 NATO member countries: Belgium, Canada, Denmark, United Kingdom, France, Germany, Greece, Iceland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Turkey, and the U.S.

NS/EP Telecommunications Services. Telecommunication services which are used to maintain a state of readiness or to respond to and manage any event or crisis (local, national or international), which causes or could cause

injury or harm to the population, damage to or loss of property, or degrades or threatens the national security emergency preparedness posture of the United States. Within the TSP system, these services fall into two specific categories, Emergency NS/EP and Essential NS/EP, and are assigned priority levels. (Only NS/EP telecommunications services are eligible for TSP assignments.) See information in chapter 2, paragraph 9; chapter 3, paragraph 5g; chapter 4, paragraph 3f; and supplement 11 for an explanation of NS/EP TSP TSR procedures.

Oahu Telephone System (OTS)-DSN. OTS is a digital network designed to provide administrative and DSN (voice and data) telephone service to all DoD users and to other authorized users on the island of Oahu.

Operating Elements of the DCS. Organizations and units of DoD components that operate and maintain DCS facilities.

Operational Direction. The authoritative direction necessary to insure effective operation of the DCS. It includes authority to direct the operating elements of the DCS, assign tasks to those elements, and supervise the execution of those tasks; allocate and reallocate DCS facilities to accomplish the DISA mission; develop technical standards, practices, methods, and procedures for the performance and operation of the DISA.

PDN (Public Data Network). A public transmission and switching (typically data packet switching) service that supports connection of host computers with remote terminals. Host computers are connected to carrier network nodes via dedicated access facilities (circuits/interface devices) while remote user terminals typically connect to dial-up ports (public or private) at the company's nearest node. High-volume remote terminals can be connected to the network by dedicated access lines. Often referred to as value added networks, these services are offered by a variety of domestic and foreign carriers and are interconnected by international record carriers for overseas service.

PDN Dedicated Access Facility. A configuration of dedicated circuitry and interface devices used by PDN carriers to connect host computers and certain remote terminals to network nodes. Such facilities for host computers are sized to provide a sufficient number of ports and adequate line speed (bits per second) to accommodate peak period demand by a number of remote terminals simultaneously served by the host computer.

PDN Dial Access. Most PDN users are typically low-speed asynchronous data terminals that connect to the network via dial-up techniques. PDN's are often equipped with three types of dial-up service: public ports that can be accessed by either local, long distance toll, or foreign exchange telephone calls; private ports that can be leased for exclusive dial access by one or more users; incoming Wide Area Telephone Service (WATS) that connects public users who are remote from any network nodes. PDN carriers measure user connect time and traffic flow through these dial ports to bill the host computer for network usage by its community of interest.

PDN Electronic Mail Service. Some PDN carriers offer electronic mail as a separate service on their network. This type of service does not require connection of a host computer as the carrier provides the computer hardware and software necessary for user terminals to exchange electronic mail. Electronic mail accounts are established for an electronic mail sponsor who serves as a focal point for contract administration and bill certification for a community of electronic mail users.

PDN Network Service. Refers to that category of Public Data Network (PDN) service where a PDN carrier provides connectivity between a specific host computer and its community of user terminals. Typically, network service involves one contract, one bill, and one set of information management products for the host computer and its community of interest. The host computer facility authorizes, accounts for, and controls users accessing it via the PDN. Network service is one of three major PDN service categories. (See PDN Overseas Access and PDN Electronic Mail Service.)

PDN Overseas Access. Terminals in overseas locations that need to connect with host computers in CONUS can do so by subscribing to PDN service offered by Foreign Communications Carriers and overseas agents of CONUS PDN carriers. Usually available only on a low-speed, dial-up basis, this service is leased and paid for in the foreign country. Overseas users dial their foreign carrier's nearest node where their data are packetized and forwarded via international record carrier facilities to the CONUS gateway of the appropriate CONUS carrier.

PDN Performance Specification (PS). To support competitive contracting for network service, the sponsoring activity (host computer manager, command, project manager, etc.) submits a PS that sets forth network technical requirements. In addition to describing host computer facilities, a projection of user terminals, numbers, types, locations, line speeds and traffic loads must be provided to support development of a Request for Proposal. This documentation must be submitted to DECCO at the time a TSR is forwarded to the appropriate DISA Allocation and Engineering Activity. DECCO should be contacted for assistance in developing this specification.

Precedence Access Threshold (PAT). A software function residing in a DSN switch which limits the number of simultaneous calls that can enter the DSN at various precedence levels and calling area combinations.

Precedence--Incoming (PIN). All precedence AUTOVON inward traffic to subscriber, indicated by precedence ringing. Routine is indicated by routine ringing.

Precedence Manual--Incoming (PMI). All inward AUTOVON traffic routed to operator; flashing line lamp for precedence, steady lamp for routine.

Pre-Positioned Contingency Requirements. Unified and specified commands, major commands, DoD, and other governmental agencies can pre-position telecommunications requirements with commercial carriers through DECCO in support of Joint Staff sponsored operational contingency plans. Although they

do not reserve or engineer facilities upon receipt of these requirements, carriers maintain them for rapid activation by designated authorities (CINC representatives, major command officers, DECCO, etc.). Pre-positioning provides the carrier with exact circuit parameters well in advance of activation. Pre-positioned contingency requirements will not be activated for exercise purposes (see chapter 2, paragraph 2f of this Circular). Also, TSP assignments may be pre-positioned at NCS. (See reference 4p for additional information.)

Procurement Official. Any civilian or military official or employee of an agency who participates personally and substantially in the conduct of an agency procurement. This includes development of acquisition plans, specifications, statements of work, and/or purchase descriptions/requests. ("Participates personally and substantially" means active and significant involvement of the individual in activities directly related to the procurement).

Proprietary Information. Information which is contained in a bid or proposal, or in cost or pricing data, and/or is designated as proprietary by the contractor, agency head, or contracting officer (CO).

Program Designator Code (PDC). A four-to-six character alpha-numeric code used to identify leased services by system, network, primary user, or other category. 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.

Project. An undertaking to analyze, plan, improve, modify, expand, or otherwise change a portion of a system. A project may pertain to elements of a subsystem, an entire subsystem, or a number of related subsystems or elements thereof.

Reaward. A method by which an existing or expired contract is recompeted or reaccomplished with the existing contractor.

Request For Service (RFS). The document, used to initially request telecommunications service, which is submitted by the requester of the service to his designated TCO.

Requirement--DCS. A requirement that meets one of the following criteria:

- a. Long-haul (services between post, camp, or station) DoD telecommunication services (leased or Government-owned), except as excluded under non-DCS requirement.
- b. All DISA and DISA field activity telecommunications requirements, including user terminal equipment.
- c. All telecommunication requirements that use DCS transmission facilities or DCS switched or relay facilities.

d. AUTOSEVOCOM leased and Government-owned circuits and user terminal equipment.

Requirement--Non-DCS. A requirement that meets one of the following criteria:

a. The requested service concerns a facility or service in the following categories:

(1) Mobile/transportable communications facilities and assets organic to Army, Navy, Air Force, and Fleet Marine forces, unless specifically designated as components of the DCS.

(2) Ship/ship, ship/shore/ship, air/air, ground/air/ground, and other tactical telecommunications as defined in DoD Directive 7750.5.

(3) Post, camp, base, and station user and/or subscriber facilities and terminals.

(4) On-site telecommunications facilities associated with or integral to weapon systems and to missile launch complexes, including those required for countdown, command, control, weapons destruct, and range safety.

(5) Consoles and display devices integral to the Unified and Specified Command Centers, their DoD Component Headquarters, and the Military Services' Operations Centers.

b. The requirement is specifically designated as non-DCS through mutual agreement between DISA and the requester.

c. DECCO-leased services for non-DoD agencies that do not interface with DCS transmission, switching, or relay facilities.

Reroute. To substitute a channel or channels to restore a circuit when the original channel or channels fail. A reroute may be pre-engineered.

Routing Terms.

a. Avoidance Routing. The routing of a circuit to avoid certain type media, critical junctions, known target areas, and high-density areas.

b. Diverse Routing. The routing of two or more circuits over different physical routes. Routing will be such that at no time will the circuit transit the same building, terminal equipment, or communications links or use common power facilities except at the customer stations.

Source Selection Information. Information which is either required by statute or determined by the agency head or contracting officer (CO) that disclosure of such information to a competing contractor would jeopardize the integrity or successful completion of the procurement. Source selection information includes listings of offerors and prices; listings of bidders prior to bid

opening; technical evaluation plans; technical evaluation of competing proposals; rankings; source selection plans, board reports and evaluations; and advisory board recommendations.

Split Billing. An arrangement, established by tariff or other agreement, whereby each provider of a segment of a total service bills DECCO directly for its respective portion of the total service. Consolidated provisioning and maintenance of the total service remain with a single carrier.

Split Homing. The connection of a subscriber to more than one AUTOVON/DSN switching center by use of separate access lines and more than one telephone number.

Subsystem. A functional component of a system which provides a specific capability.

Subsystem/Project Engineering. That initial engineering necessary to support the development of the S/PP and similar plans and, subsequent to S/PP approval, the additional engineering refinements needed to define explicitly subsystem configuration, performance, reliability, maintainability, and other values or thresholds applicable to each subsystem component. This additional engineering, which may be included either in the MEP or issued separately, prescribes specific technical guidance for preparation of equipment specifications, control specifications, and other engineering detail to be included in the I/IP.

Subsystem/Project Management. The continuing review, guidance, and approval, as appropriate, of actions taken in the development, processing, and implementation of approved subsystems/projects.

Subsystem/Project Plan (S/PP). A plan which supports the processing of telecommunications requirements. Normally it provides justification for the acquisition of a new subsystem, or modification of an existing subsystem, portions thereof, or a combination of related subsystems.

Systems Engineering. The application of recognized engineering skills, techniques, and principles to the development of system concepts, associated technical design, and performance criteria used in planning, engineering, and implementing a system.

Technical Sufficiency. A condition which exists when circuits are engineered, configured, installed, conditioned, tested, and maintained end-to-end in a manner that meets the communications requirements as described in the TSO, Service Inquiry, Order, or CSA.

Telecommunications Certification Office (TCO). The activity designated by a Federal department or agency to certify to DISA (as an operating agency of the National Communications System) that a specified telecommunications service or facility is a validated, coordinated, and approved requirement of the department or agency, and that the department or agency is prepared to pay mutually acceptable costs involved in the fulfillment of the requirement.

Telecommunications Equipment or Services. Circuits or equipment used to support the electromagnetic and/or optical dissemination, transmission, or reception of information via voice, data, video, integrated telecommunications transmission, wire, or radio. The equipment or service must be a complete component capable of standing alone. This includes the following type of items: telephones, multiplexers, a telephone switching system, circuit termination equipment, radio transmitter or receiver, a modem, card cage with the number and type of modem cards installed, etc. This does not include the following type of items: a chip, circuit card, equipment rack, power cord, a microphone, headset, etc.

Telecommunications Service Order (TSO). The authorization from Headquarters, DISA, a DISA area, or DISA TMSO to start, change, or discontinue circuits or trunks and to effect administrative changes.

Telecommunications Service Priority (TSP) Assignment/Priority Level Assignment. A TSP assignment is the priority level(s) designated for the provisioning and/or restoration of a particular NS/EP service. The terms "TSP assignment" and "priority level assignment" are used interchangeably in this Circular. (NOTE: See information in chapter 2, paragraph 9; chapter 3, paragraph 5g; chapter 4, paragraph 3f; and supplement 11 for an explanation of NS/EP TSP TSR procedures for Emergency/Essential NS/EP telecommunications requirements.)

Telecommunications Service Request (TSR). A valid, approved, and funded telecommunications requirement prepared in accordance with the format in chapter 3 of this Circular and submitted to DISA or DISA activities for fulfillment. TSR's may not be issued except by specifically authorized TCOs.

Telecommunications Service Request (Editor) (TSR(E)). The TSR(E) is a PC-based system that provides a standard provisioning system for requesting telecommunications service from DISA. It performs standardized, centrally-controlled edits at each stage of the procurement process to ensure completeness, accuracy, and conformance with governing directives. The TSR(E) is designed to assist the user in the preparation and processing of Request for Service (RFS) and Telecommunication Service Requests (TSR) documents. It provides both interactive and batch processing capabilities for users.

Temporary Telecommunications Service. A telecommunications service that will not exceed 90 days and where the start and discontinue dates are both identified.

Urgent Operational Requirement (Foreign areas only). (NOTE. The term "Urgent" is to be used only for urgent telecommunication services in foreign areas not subject to NS/EP TSP provisioning priority procedures. See information in chapter 2, paragraph 9; chapter 3, paragraph 5g; chapter 4, paragraph 3f; and supplement 11 for an explanation of essential NSEP TSR procedures for essential telecommunication services leased within the United States (i.e.; 50 States, U.S. territories, and U.S. possessions).)

a. Communications requirement that supports a need to meet an urgent operational requirement submitted with insufficient leadtime to allow normal processing and still provide service on the required date. Further, the lack of service by the required date would have one or more of the following consequences:

(1) Seriously degrade mission performance and operations in direct support of national security emergency preparedness.

(2) Seriously degrade or impair the execution of "real world" military plans or intelligence operations.

(3) Seriously degrade or impair the ability of the United States to maintain favorable foreign relations.

b. Poor planning is not a valid reason for requesting urgent action.

c. At all levels, urgent requirements will be processed before routine requirements on a first-come-first-served basis. Officially, tariffs do not recognize urgent requirements and normal leadtimes generally apply once an order is submitted to the carrier or vendor.

d. The following temporary exercise telecommunication service may be designated as an "Urgent Operational Requirement" (See chapter 2, par 2e, and chapter 4, par 3j):

(1) The minimum quantity of services essential to permit safe conduct of an exercise and/or achievement of primary exercise objectives. Only those services in support of exercises which involve the movement of personnel, weapons systems, munitions, or other critical materials or the control of aircraft are included.

(2) Short-notice exercise services resulting from changes in exercise locations or scenarios which could not reasonably have been foreseen, and without which the exercise cannot be conducted safely or effectively.

e. An urgent RFS or TSR must contain the following information or the requirement will be processed as routine:

(1) Justification in item 417 that meets the criteria stated above. In addition, certification by the commander or designated officer of the requester's major command of the urgency of the requirement to include the name, position, and telephone number of the certification authority. (Certification authority will not be delegated below major command directorate or equivalent level.)

(2) Authorization for overtime and expediting charges for leased services (if applicable).

(3) A statement in item 417 that the TCO has reviewed the requirement with the requesting activity and found it to be a valid urgency.

f. For urgent requirements which specify DCS routing, recommend that an alternate circuit be identified and submitted for preemption in case DCS resources are not available.

User. A user is any individual or organization, governmental or nongovernmental, military or civilian, who is authorized to use the facilities of the DCS or to obtain commercial communication services from DECCO. As pertains to the AUTOVON/DSN, a user is an individual, installation, or activity having access to AUTOVON/DSN either by dialing a designated access code or by placing a call through a local PBX or console.

Variable Term Pricing. A pricing plan which offers the user the option of selecting fixed rates for equipment, for one or more optional payment periods. Rates are normally less for extended payment periods; i.e., higher rates for shorter term periods. The Government can be liable for additional charges if equipment is removed prior to the expiration of the period selected.

Wideband. That property of any communication facility, equipment, channel, or system in which the range of frequencies used for transmission is greater than 0.1 percent of the midband frequency. The term has many meanings depending upon application. At audio/telephone frequencies, a bandwidth exceeding 4 kHz can be considered wideband. At HF radio frequencies (3-30 MHz), a bandwidth larger than 3-30 kHz would be considered wideband. In communications security systems, any bandwidth exceeding that of a nominal 4 kHz telephone channel is considered wideband. That property of any circuit having a bandwidth wider than normal for the type of circuit, frequency of operation, and type of modulation carried. In commercial telephone usage, that property of a circuit having a bandwidth greater than 4 kHz. An imprecise designation of a signal that occupies a broad frequency spectrum. NOTE: This term is often used to distinguish it from a narrowband signal, where both terms are subjectively defined relative to the implied context.

Worldwide Military Command and Control System (WWMCCS). As defined in DoD Directive 5100.30.

CHAPTER 1. DISA ORGANIZATION AND TELECOMMUNICATIONS CERTIFICATION OFFICE RESPONSIBILITIES

1. General. This chapter presents the organization established by the DISA to allocate and engineer DCS circuits and facilities; the list of Telecommunications Certification Offices (TCO's) authorized to request DCS or non-DCS services; and the basic responsibilities of TCO's in working with DISA organizations to use the DCS most efficiently. In accordance with reference 4x, DISA shall determine whether a long-haul telecommunications requirement is to be satisfied on the DoD common-user systems, on FTS2000, or with a new acquisition.

2. DISA Organization. The allocation and engineering of DCS circuits are accomplished by the DISA organizations named in the following listing, which also shows the DCS geographical areas (see chapter 1, figure 1) for which each organization is responsible:

Headquarters, DISA
701 S. Courthouse Road
Arlington, Virginia

Special user circuit requirements

DISA, Telecommunications
Management and Services
Office (TMSO)
Scott AFB, Illinois

DCS areas 1, 2, 6, 9, and inter-DCS
area requirements

DISA, European Area (DISA-EUR)
Vaihingen, Germany

DCS areas 3, 4, and 5

DISA, Pacific Area (DISA-PAC)
Wheeler AFB, Hawaii

DCS areas 7 and 8

a. Details pertaining to the type of DISA requirements for which Headquarters, DISA and the DISA areas are responsible are contained in chapter 4 of this Circular.

b. The Defense Commercial Communications Office (DECCO), a DISA field activity at Scott AFB, Illinois, performs a centralized acquisition function to meet the telecommunications requirements of the DoD and other Government agencies authorized by specific DoD agreement to acquire service through the DoD centralized leasing agency. (See DISAC 640-45-14.) DECCO's field activity in Hawaii, DECCO-PAC, acquires facilities, services, and equipment within Hawaii and certain specialized communication terminals within DCS areas 7 and 8. (See DISAC 640-45-24.) The mission and functions of DECCO-Alaska are contained in DISAC 640-45-35. DECCO-EUR, located in Sembach, Germany, acquires communications service within or between DCS areas 2 (Greenland and Iceland), 3, 4, 5, and 6 (see DISAC 640-45-30). Reference 4a contains the specialized acquisition procedures of DECCO and DECCO field activities.

3. Telecommunications Certification Office (TCO). As used in this Circular, and derived from the definition in NCS Circular 130-1, a TCO is the activity designated by a Federal department or agency to certify to DISA (as an

operating agency of the NCS) that a specified telecommunications service or facility is a bona fide requirement of the department or agency, and that it is prepared to pay mutually acceptable costs involved in its fulfillment. A listing of designated and authorized TCO's and appropriate identifying codes is contained in chapter 1, table 1, showing the area of the TCO's authority and the organization or accounts served.

a. DoD departments or agencies at command, office, department, agency, or headquarters level may generate DCS or non-DCS communications requirements, even though they are not TCO's. However, such requirements must be submitted to an appropriate TCO for certification prior to acquisition by DISA/DECCO. Guidance pertaining to the authority of non-DoD agencies to submit requirements for DCS service is contained in chapters 2 and 4 of this Circular. The authority of non-DoD agencies to order non-DoD leased services through DECCO is limited to the extent approved by the DoD in separate agreement.

b. Since the responsibility for reimbursing DECCO for the cost of leased services is determined from the Program Designator Code (PDC), the military department TCO responsible for providing funding support of a CINC's or other agency's requirement will normally submit the TSR. However, TCO's which submit TSR's citing PDC's of another department or agency TCO will include a statement in TSR item 510 to the effect that the PDC for this service has been approved by the TCO, which is responsible for reimbursement to DECCO and will provide a copy of the TSR to the funding activity. Requests for new PDC's or changes to the definition of an existing PDC will be forwarded to the Commander, DECCO, ATTN: RRB for action. A change of PDC on an existing circuit will also be addressed directly to DECCO for action.

c. The TCO's listed in chapter 1, table 1, are authorized to submit Telecommunications Service Requests (TSR's) under the provisions of this Circular for service that is normally to be provided within a period of 360 days from submission of the TSR for leased service, or 180 days from submission of the TSR for service on the DCS. (See paragraph 4d(3) of this chapter for exceptions to this general rule.)

d. Military department TCO's, acting as agents for NSA and DIA circuit requirements, may submit TSR's using their own TSR number and TCO code. The Command Communications Service Designator (CCSD) of such circuits must, however, be identified by the purpose and use code and number block of NSA or DIA, as appropriate. The first character of the CCSD will be the agency code of the TCO submitting the TSR; e.g., B if from the Navy, J if from the Air Force, U if from the Army, or N if from NSA or DIA. Questions regarding circuit validity and TSP assignments must be resolved by NSA or DIA.

4. Basic Factors to be Considered by the Telecommunications Certification Office Prior to Submission of the TSR. Close coordination between the user, TCO, and the DISA action agency (DISA organizational element that will act upon the TSR; see chapter 4) is essential during the formulation of requirements. The efforts made at this time to develop the exact nature of a requirement can often effect a significant savings in time, facilities, and

money. The following are some of the basic factors relating to requirements that must be considered and resolved by the TCO before TSR submission. (Additional special considerations are contained in chapter 2.)

a. Can the requirement be met through the use of existing DCS facilities/DoD Common-User Systems? Will DISN, AUTODIN, DDN, or DSN (AUTOVON/DCTN) access be acceptable instead of dedicated user-to-user service? When feasible, the TCO will contact the DISA action agency to discuss the requirement and determine whether to use leased or Government-owned DCS facilities. This discussion is helpful in placing the requirement in its true perspective and forms a part of the continuing review, where applicable, by the DCS user, TCO, and DISA action agency to obtain maximum use of Government-owned/DCS facilities. In accordance with reference 4x, paragraph F2(1), all DoD components' long-haul telecommunications requirements will be submitted to DISA for determination of how best to satisfy requirements (DoD common-user systems, FTS2000, or new acquisition). Determinations by DISA, the DISN-NT program, and an OASD(D-WC3) memo, 1 June 1992, Subject: FY 1992 Defense Management Report (DMR) Initiative - Departmental Communications Plans and Policies, negate the need for DoD common-user system waivers and waiver criteria. All existing waivers, including DDN waivers, have been recinded. TCO's developing requirements for PDN or dedicated network service should contact DECCO prior to TSR submission to receive detailed guidance on simultaneous submission of a PDN Performance Specification. The responsible DISA action agency will review leased channels periodically to determine the advisability of transferring the traffic on these leased channels to spare channels in Government-owned systems. Changes from leased channels to U.S. Government-owned channels, or vice versa, will be accomplished in coordination with the TCO concerned, only when there is a clear overall economic advantage to the U.S. Government and the operational mission is not jeopardized.

b. Is the required service of a nature that will permit processing of the requirement under a Commercial Communications Work Order (CCWO)? See chapter 2, paragraph 2c, for an explanation of the use of the CCWO.

c. Does the required service qualify as a National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) requirement?

(1) Certain telecommunication services may be eligible for designation as NS/EP, and as such, will be provisioned and/or restored in accordance with special TSP procedures. Assignment of a TSP Authorization Code allows service users to obtain priority treatment from telecommunication service vendors/DCS stations for services that support NS/EP functions. Upon receipt of a TSP Authorization Code, U.S. service vendors are then both authorized and required, when necessary, to provision and/or restore those telecommunication services with TSP assignments before services without such assignments. It should be noted that assignment of a TSP does not entitle the service user to a specific restoration time for his service. If a certain response or restoration time is required, it should be written into the applicable service

contract. In those foreign areas not subject to NS/EP TSP provisioning priority procedures, the TSP restoration priority will be used to establish the priority level for the restoration of telecommunication services.

(2) The first step before preparing the TSR is to determine whether the telecommunication service requirement qualifies for a TSP assignment. The two specific categories of telecommunication services/circuits which are eligible for designation as NS/EP are "Emergency NS/EP" and "Essential NS/EP." See information in chapter 3, paragraph 5g and in supplement 11 for the applicable criteria governing these two categories of NS/EP requirements. If the required service qualifies for a TSP assignment by NCS, the associated TSR must be prepared and submitted in accordance with special procedures outlined in chapter 3, paragraph 5g of this Circular (in addition to the normal TSR procedures identified elsewhere in chapter 3 and 4.)

(3) U.S. communication requirements in foreign areas not subject to NS/EP TSP provisioning procedures may be eligible for designation as "Emergency" or "Urgent." See chapter 2, paragraphs 2d and 2e, for information regarding the submission of communications requirements for "Emergency" and "Urgent" service.

d. Is the time element valid?

(1) If insufficient leadtime is allowed to provide a requested service, unnecessary costs are incurred, manpower is wasted, and the end result may be a service that does not satisfy the requirement. The leadtimes in chapter 4, tables 12, 13, 14, and 15 show the normal interval (in calendar days) between the receipt of a TSR by a DISA action agency and the completion of the action by a communications contractor or by DCS facilities. Normal leadtimes must be shown in items 106A and 106B unless the service qualifies as a NSEP, Urgent, or Emergency requirement, and/or overtime and expediting charges are authorized (Item 118).

(a) Actual leadtimes depend upon the complexity or type of service(s) being requested, the acquisition approach to be used, capabilities of commercial contractors, availability of DCS facilities, completeness of TSR's, and, if applicable, the associated statement of work or performance specification. Additional information regarding leadtimes for leased services may be obtained from the agency responsible for procuring leased services in the DCS geographical area involved. The TCO should obtain this information when the required service is vital and the leadtime is questionable.

(b) TSR's received by the DISA action agency which do not permit the prescribed leadtime must contain authorization in item 118 for overtime and expediting charges if leasing action is required to fulfill the TSR requirements. TSR's which do not contain this authorization will not be processed until the TCO adds the overtime and expediting charges authorization or changes the service date to provide the required leadtime.

(2) Emergency and Emergency NS/EP requirements that arise to support combat missions or emergency tasks must be met without regard to normal TSR processing time. The DISA action agency will process requirements as expeditiously as possible. (See chapter 2, paragraph 2d, and supplement 11 for additional procedures.)

(3) TSR's with a service date more than 360 days from submission for leased service, or 180 days for service on the DCS, will not be accepted by the DISA action agency unless the requirement is justified as an exception to normal processing procedure. One such justification, for example, could concern a requirement to place an order with a commercial company more than 360 days in advance of the required service date to provide leadtime for special construction of communications facilities or assembly of equipment. Another justification could concern TSR's in support of contingency operations. (Refer to DISAC 320-120-2, Contingency Communications Planning, and chapter 2, paragraph 2f, this Circular, for additional information on contingency requirements.) Aside from such special cases, requirements submitted to the DISA action agency in accordance with this Circular will be for service within the time limit indicated above. TCO's will provide as much leadtime as possible within this time period to meet their needs.

e. Is user's equipment available to meet the requirement? The user must provide compatible terminating equipment unless the circuit and associated equipment are to be leased on a package basis. Whenever Government-owned equipment or non-DCS transmission facilities are to be used to satisfy a requirement, the TCO must ensure that such equipment and facilities will be in place and operational on the required service date. All terminating equipment, to include security devices, where appropriate, must be identified by nomenclature or model number in the TSR. If requesting a TSP assignment, this information is also required to be provided for the associated Service Profile.

f. Has Connection Approval (CA) been obtained? CA is required for U.S. Government-furnished equipment (GFE) to be connected to leased circuits in Australia, New Zealand, and several countries within DCS geographical areas 3, 4, 5, and 6. TCO's should contact the appropriate DISA action agency prior to submitting TSR's for leased circuits terminating in any of the countries or areas named above when GFE is to be connected to such circuits, to determine if CA will be required. If CA is required by the foreign carrier and has already been obtained for the same brand name and model of equipment by prior action, the TCO will cite the prior approval documentation in TSR item 414. If CA is required and has not already been obtained, the TCO will add at least 90 days additional leadtime to the required service date, will discuss with the DISA action agency the procedures and responsibilities associated with obtaining approval, and will include any required information and the statement, "CA required," in TSR item 414. (For European service see reference 4o.)

g. When leased services are required, are funds available and cited to cover any overtime and expediting charges incurred to meet the required service date? If normal leadtimes are allowed, these charges should not be required. (See chapter 1, paragraph 4d.)

h. Have security aspects of the requirement been considered?

(1) Validated request for telecommunications service will be prepared and processed on an unclassified basis.

(2) If classified information is required to describe the requirement, the classified portion will be forwarded under separate cover, classified accordingly. "Additional information provided under separate cover" will be entered in the TSR item to which the classified information pertains. (Classified information will not be carried forward to the TS0.)

(3) When a circuit is classified due to its association of requesting activity with the end user operating locations, the service will be requested in accordance with special procedures (classified) (limited distribution, under separate cover).

(4) In unlikely event that a TSR must be classified and existing procedures discussed above do not apply, the TCO, in coordination with DISA, will develop a special onetime procedure for submission and processing of the classified TSR.

(5) Classified requests for service (RFS's) or feeder TSR's should be submitted to designated TCO's in accordance with TCO procedures.

(6) Classified TSR's received by DISA action activities will not be processed until received in accordance with the above.

i. When leased communications services are used, are specific constraints identified which apply to the implementation, operation, management, or control of the required service, and which have impact on the method of procurement? For example, is appropriate justification provided, in accordance with chapter 3, item 406, which substantiates limiting the source of supply? When more than one source of supply exists and when not otherwise restricted by law, regulation, and the nature of the requirement, the DECCO Contracting Officer will employ competitive procedures to acquire leased services. Requirements which must be leased will comply with the published procedures of the agency responsible for acquiring the service within the DCS area involved. Requirements for leased service to be acquired by the Defense Commercial Communications Office (DECCO or DECCO activities) will comply with reference 4a.

j. Have all aspects of the Telecommunications Service Priority (TSP) requested been considered by the TCO? The TCO must ensure that the requested TSP is in consonance with references 4d, 4h, and 4p. The user level and intended use of the circuit must justify the assignment of the TSP; the TSP

assignments must not result in multiple high TSP restoration priority assignments between terminals in support of the user's requirements. If the required service qualifies for a TSP assignment by the NCS, the associated TSR must be prepared and submitted in accordance with special procedures outlined in chapter 3, paragraph 5g of this Circular (in addition to the normal TSR procedures identified elsewhere in chapters 3 and 4.) The TCO must complete TSP TSR items 521 through 531 (as applicable) for unified commander and NCS review and approval/authorization.

k. Is the requirement for Federal Information Processing (FIP) resources? The acquisition of FIP is subject to compliance with the policies and procedures contained in reference 4a, chapter 6 and reference 4y. Prior to the submission of a TSR containing a requirement for the acquisition of FIP by DECCO, the TCO must ascertain that all necessary and appropriate actions with respect to FIP procurement, to include lease-versus-buy determination and, when necessary, senior ADP policy official approval, have been taken. When a delegation of procurement authority (DPA) is required from GSA prior to FIP acquisition, the DPA number and date will be contained in the TSR and a copy of the DPA furnished to DECCO concurrent with the release of the TSR. TSR's requesting the acquisition of FIP should specify the features and functions required, including ancillary equipment, in sufficient detail to permit competitive procurement. When the service and/or equipment of a specific vendor is requested, justification for other than full and open competition must be included in the TSR.

5. Use of the DCS Technical Schedules by the TCO. Item numbers from the DCS Technical Schedules, chapter 1, table 2, have been extracted from reference 4g and will be of particular interest and use to the user and Telecommunications Certification Office. Reference 4g applies if different from table 2. Establishment of these schedules is a major step toward the creation of a common language for circuit ordering, allocation, engineering, activation, operation, and maintenance.

a. The DCS Technical Schedules apply to all Government-owned circuits within DCS. The DCS circuit parameters are based on U.S. commercial industry standards. Commercial leased circuit specifications (channel type or conditioning) are filed with the Federal Communications Commission as tariffed items. Conflicts between Commercial Leased Circuit Specifications and DCS Circuit Specifications will be resolved in favor of the Commercial Leased Circuit Specifications defined in chapters 3 and 4 of reference 4g.

b. Chapter 1, table 2, of the DCS Technical Schedules describes various types of DCS circuits. Each circuit type is reflected under a separate item number, and each item number has an assigned circuit parameter code representing the technical parameters associated with that circuit. The actual technical parameters associated with the circuit types listed in table 2 are contained in reference 4g.

c. Circuit Technical Characteristics.

(1) In submitting a TSR, the TCO will, when applicable, cite (see chapter 3, item 109) the item number from the DCS Technical Schedules, table 2, to indicate the type of circuit required. Additionally, the TCO must clearly state (in applicable TSR items) the technical use that will be made of the circuit being requested. This action is necessary for leased circuits, since some of the circuit parameters listed in the DCS Technical Schedules may apply to more than one circuit category. A circuit, for example, that is listed as item C1 in the DCS Technical Schedules can accommodate switched voice service (AUTOVON/DSN or secure voice) at different speeds or also be used for general data service (over analog channels). This information must be contained in the TSR.

(2) If the service requested does not meet a description of one of the table 2 item numbers, submit TSR item 429 describing the desired circuit characteristics.

(3) The DISA Allocation and Engineering (A&E) Action Agency will use the entry in item 109 and/or 429 and other information to determine the circuit parameter to meet the stated circuit requirement. In view of this, the circuit parameter reflected in the resulting TSO may specify a technical schedule that does not correspond with the table 2 item number submitted in the originating TSR. For circuits that traverse both military and commercial paths or paths of more than one carrier, the allocator/engineer will apply the tables for end-to-end circuit performance measurements. In some cases, the allocator/engineer will be required to specify in the TSO the details of the required segmented circuit performance to be applied to the individual commercial and military circuit portions. The TSO may list the closest equivalent DCS technical schedule for data base purposes, and include the specifications that actually apply.

d. Reference 4g, chapter 3, indicates various tariffed service offerings currently available from and recommended by U.S. common carriers to meet Government requirements for the listed telecommunications services. The information contained in reference 4g provides a reference for use in leasing commercial communications services and a yardstick for evaluating leased circuits in use in the DCS today. Inclusion of this information in this Circular does not constitute DoD endorsement of the suitability of such commercial services for use in the DCS nor of the adequacy of specified parameters to meet Government service needs. In addition to AT&T, other competing carriers provide long-haul service. Since the divestiture by AT&T of the Bell Operating Companies, AT&T circuit types and parameters are no longer the de facto industry standards. In view of this situation, the American National Standards Institute (ANSI) is expected to develop circuit performance standards which will be subscribed to by all U.S. common carriers. When the ANSI standards are published, the circuit performance standards will be incorporated in reference 4g.

e. In some instances, particularly where foreign carriers are involved, service as specified in the DCS Technical Schedules may not be available. The TCO must recognize this fact and include sufficient narrative description in

TSR item 429, in addition to or in lieu of the item number from the DCS Technical Schedules, for the commercial company concerned to quote the service it is able to provide.

f. All DCS international leased analog services will be ordered using CCITT recommended standard parameters M1020, M1025, and M1040, which equate to DCS parameter codes M3, M2, and M1 and item numbers 4L, 4M, and 4N respectively. The characteristics of these parameters are identified in chapter 4 and supplement 2 to reference 4g.

6. Identification of DCS Circuit. The CCSD is the primary identification assigned to all DCS circuits. In case of public data network services, CCSD's are assigned only to dedicated circuits connecting a host computer to the public data network and to dedicated access lines connecting users to a PDN node. As such, all offices must either maintain files concerning DCS circuits by circuit number (last four characters of CCSD) order, or be able to cross-reference TSR numbers or commercial circuit numbers to the assigned CCSD. When corresponding with or calling DISA activities, TCO's must cite the CCSD or, if a CCSD has not yet been assigned, the TSR number and the transmitting correspondence. For leased circuitry, the commercial circuit number should also be referenced if assigned. This standard practice does not eliminate the requirement for providing reference data that is as complete as possible. When contacting a TCO, for example, provide the TSR and TSO or CSA numbers if these are applicable and known. Similarly, when contacting a leasing/acquisition agency or a communications common carrier, provide the commercial circuit number.

TABLE 1. TELECOMMUNICATIONS CERTIFICATION OFFICES

Organizational Account	Designated TCO	Code
<u>Global Authority</u>		
AUTODIN	DISA Hq (DOCT)	DB
SECURE VOICE	DISA Hq (DOV)	DL
DSN/AUTOVON/DCTN	DISA Hq (DOV)	DV
DSN/AUTOVON/DCTN	DISA Hq (DOV)	SV
CDR Coast Guard District One	CCGD1	CF
CDR Coast Guard District Two	CCGD2	CH
CDR Coast Guard District Three	CCGD3	CL
CDR Coast Guard District Five	CCGD5	CN
CDR Coast Guard District Seven	CCGD7	CP
CDR Coast Guard District Eight	CCGD8	CR
CDR Coast Guard District Nine	CCGD9	CV
CDR Coast Guard District Eleven	CCGD11	CW
CDR Coast Guard District Twelve	CCGD12	CX
CDR Coast Guard District Thirteen	CCGD13	CY
CDR Coast Guard District Seventeen	CCGD17	CZ
Central Intelligence Agency	CIA	GH
CINCFOR	CINCFOR, FT MCPHERSON, GA	CJ
CINCLANT	CINCLANT	SM
CINCPAC	CINCPAC	SD
Coast Guard	COMDT COGARD	CC
DISA DISN	DISA Hq (DOCT)	RG
DISA Europe	DISA Hq (DOCT)	DP
DISA Europe (MUX MGMT and DCS O/W)	DISA Europe	XE
DISA Europe (DDN)	DISA Europe	DW
DISA Hq (Misc DISA Hq requirements not reflected elsewhere in this table)	DISA Hq (DOCT)	DA
DISA Hq	DISA Hq (SM)	CS
DISA Hq (MUX MGMT and DCS O/W)	DISA Hq (DITT)	XH
DISA Hq (Information Mgt Organization)	DISA Hq (IOT)	DJ
DISA Pacific	DISA Hq (DOCT)	DQ
DISA Pacific (MUX MGMT and DCS O/W)	DISA Pacific	XP
DISA Pacific (DDN)	DISA Pacific	DX
DISA Pacific (OTS)	DISA Pacific	PT
DISA TMSO	DISA Hq (DOCT)	DC
DISA TMSO (MUX MGMT and DCS O/W)	DISA TMSO	XW
DISA TMSO (DDN)	DISA TMSO	DY
DDN (MILNET/DSNET1, DSNET2, & DSNET 3) Network Backbone & Backbone Hosts	DISA Hq, (DOCT)	DU

TABLE 1. TELECOMMUNICATIONS CERTIFICATION OFFICES (CON.)

Organizational Account	Designated TCO	Code
<u>Global Authority (Con.)</u>		
DECCO	DECCO (RIO)	DH
Defense Advanced Research Projects Agency	ARPA	AO
Defense Commissary Agency (DeCA)	DeCA	CK
Defense Evaluation Support Activity	DESA (RLC)	ES
Defense Intelligence Agency	DIA (RCM-4)	DI
Defense Investigative Service	DIS	DT
Defense Mapping Agency		
Telecommunications Services Center	DMATSC	DZ
Defense Nuclear Agency	DNA	DD
Defense Telephone Service	DFTS	DG
Department of Commerce	DOC	GV
Department of Commerce NTIA	NTIA	GD
Department of Commerce-Weather Bureau	WB	GM
Department of Energy	DOE	GG
Department of Health and Human Services	HHS	GS
Department of Interior	DOI	GR
Department of Justice	DOJ	GT
Department of State	STATE	GE
Department of Treasury	Dept of Treas	GU
Department of Transportation	DOT	GW
Diplomatic Telecommunications Service	DTS	LL
DLA AUTODIN, DDN/Other Data	DLA	LD
DLA Corporate Network (DCN)	DLA	DF
DLA DSN/AUTOVON/DCTN	DLA	LB
DLA FTS2000, Other voice	DLA	LC
DND Requirements in DCS Facilities	CFCC	FA
FAA Aeronautical Center	FAA	FX
FAA Alaskan Region	FAA	FC
FAA Central Region	FAA	FD
FAA Eastern Region	FAA	FE
FAA Great Lakes Region	FAA	FL
FAA Headquarters	FAA	FB
FAA New England Region	FAA	FM
FAA Northwest Mountain Region	FAA	FN
FAA Pacific Region	FAA	FF
FAA Southern Region	FAA	FG
FAA Southwest Region	FAA	FH
FAA Technical Center	FAA	FY
FAA Western Region	FAA	FI
FAA HQ Emergency Operations Office	FAA	FO
FAA HQ Interfacility Projects Office	FAA	FP

TABLE 1. TELECOMMUNICATIONS CERTIFICATION OFFICES (CON.)

Organizational Account	Designated TCO	Code
<u>Global Authority (Con.)</u>		
FAA HQ Voice Switching and Recording Program	FAA	FQ
Federal Bureau of Investigation	FBI	GA
Federal Communications Commission	FCC	GI
Federal Emergency Management Agency	FEMA	GP
General Services Administration	GSA	GJ
Information System Procurement Office	ISPO	PO
Manned Space Agency	DDMS	DE
Manager National Communications System	NCS-PP	PP
National Aeronautics and Space Administration	NASA	GN
National Command Authority	Joint Staff	JB
National Security Agency	NSA	DN
Navy Federal Credit Union	NFCU	NJ
Office of Information for the Armed Forces	IAF	GC
Office of Secretary of Defense	OSD	DM
OSD (HA)	OSD (HA)	DR
Red Cross	Red Cross	KA
Reserved DECCO Special Project	Reserved	MG
Reserved for DISA TMSO (Internal Accounting)	DISA TMSO	YA-YC
Reserved for DISA Hq (Internal Accounting)	DISA Hq (DOC)	YD
Reserved for Mgr NCS (Internal Accounting)	MGR NCS	ZA-ZZ
SACLANT (Administrative and Accounting Purposes only)	SACLANT	SN
Satellite Management	DISA Hq (DOT)	DK
Strategic Defense Initiative Organization	SDIO (POI)	SI
Technical Research Institute	TRI	TR
USCINCSOC	USCINCSOC	SJ
U.S. International Communications Agency	USICA	GF
U.S. Postal Service	USPS	PS
Veteran's Administration	VA	GL
White House Communications Agency	WHCA	DO

TABLE 1. TELECOMMUNICATIONS CERTIFICATION OFFICES (CON.)

Organizational Account	Designated TCO	Code
<u>Air Force</u>		
1st Air Force (1AF)	AFTCO	CB
AAC NORAD TAC AUTOVON SYS	AFTCO	BB
AFTAC	AFTCO	AL
Air Force Communications (Other)	AFTCO	AM
Air Force AUTODIN	AFTCO	AC
Air Force AUTOSEVOCOM	AFTCO	AR
Air Force AUTOVON	AFTCO	AB
Air Force DDN Service (For CONUS Intertheater and DCS Area 9)	AFTCO	AE
Air Force International Switched Voice Service	AFTCO	AI
Air Force Long Distance Service	AFTCO	AJ
Air Force Military Personnel Center (AFMPC)	AFTCO	AP
Air Force NSA Support	AFTCO	BM
Air Force Project Support	AFTCO	AK
Air Force Red Switch Network	AFTCO	AG
Air Force Support Data Network	AFTCO	ET
Air Force Systems Command	AFTCO	AY
Air National Guard	AFTCO	AS
Computer Processing Service Center (CPSC)	AFTCO	AH
Defense Finance and Accounting Service (DFAS)	AFTCO	AF
DIA Support	AFTCO	BN
Joint Chief of Staff	AFTCO	JA
Military Airlift Command	AFTCO	AV
Space Command	AFTCO	CA
Strategic Air Command	AFTCO	SA
Tactical Air Command	AFTCO	AZ
USCENTAF	AFTCO	AQ
USCENTCOM (USAF Funds)	AFTCO	AW
USCINCSOC (USAF Funds)	AFTCO	AX
USTRANSCOM (USAF Funds)	AFTCO	TC
USTRANSCOM (USAF Funds)	AFTCO	TC
Weather	AFTCO	BC
<u>Army</u>		
Army AUTODIN	USARCCO (ASQA-DD)	UA
Army AUTOVON and AUTOSEVOCOM	USARCCO (ASQA-DD)	VA
Army DDN Service	USARCCO (ASQA-DN)	XA

TABLE 1. TELECOMMUNICATIONS CERTIFICATION OFFICES (CON.)

Organizational Account	Designated TCO	Code
<u>Army (Con.)</u>		
Army European Telephone System (ETS)	USARCCO (ASQA-DN)	EA
Army FTS2000 Switched Voice Service	USARCCO (ASQA-DS)	WF
Army OTS	USARCCO (ASQA-DN)	HA
Army Special Networks	USARCCO (ASQA-DN)	WA
Army WATS Equivalent Service	USARCCO (ASQA-DS)	WW
<u>Navy</u>		
CINCLANT (Navy Funds)	NAVTCO	ND
International Long Distance Service	NAVTCO	NT
ISPO Washington DC	NAVTCO	NQ
Navy	NAVTCO	NA
Navy AUTODIN	NAVTCO	NC
Navy AUTOSEVOCOM	NAVTCO	NH
Navy AUTOVON/DCTN/DSN	NAVTCO	NB
Navy COMNISCOM (NIS) Support	NAVTCO	NW
Navy CONUS Bulk Modem	NAVTCO	NM
Navy FTS2000 Long Distance Service	NAVTCO	NL
Navy DDN Service	NAVTCO	NK
Navy DIA Support	NAVTCO	NI
Navy In-Direct AUTODIN	NAVTCO	NV
Navy (In-Direct DDN Access)	NAVTCO	NR
Navy/Marine Corps Dedicated Voice	NAVTCO	NX
Navy/Marine Corps EPX to End-Office	NAVTCO	NS
Navy/Marine Corps OTS	PUBLIC WORKS CENTER (PWC), PEARL HARBOR, HI	NP
Navy NSA Support	NAVTCO	NN
<u>DCS Areas 1 and 2</u>		
Canadian Commercial Requirements in DCS Facilities	CFCC	FK
NORAD/SPACECOM	AFTCO	CT
MOT Requirements in DCS Facilities	CFCC	FJ
Joint Task Force-2	JTF-2	JC
NORAD Cheyenne Mountain Complex	AFTCO	CM
USCINCSO (Area 1)	USCINCSO	SB
23rd Air Division	AFTCO	CO
24th Air Division	AFTCO	CQ
25th Air Division	AFTCO	CG
26th Air Division	AFTCO	CI

TABLE 1. TELECOMMUNICATIONS CERTIFICATION OFFICES (CON.)

Organizational Account	Designated TCO	Code
<u>DCS Areas 3, 4, and 5</u>		
All Coast Guard Activities into, out of, and within these DCS Areas	COMCOGARD ACT EUR	CD
All AF Activities	AFTCO-EUR	BF
CINCUSNAVEUR (Excluding all DCS Switched Networks)	CINCUSNAVEUR	NE
USCINCEUR	USCINCEUR	SC
Air Force DDN Service (Intra-Theater DDN Requirements only)	AFTCO-EUR	BQ
<u>DCS Area 6</u>		
USCENTCOM (USAF Funds)	AFTCO	AW
<u>DCS Areas 7 and 8</u>		
All AF Activities (Excluding DCS Switched Networks) (Intra-Japan, Intra-Korea, Inter-Japan/Korea)	AFTCO-NWP	BG
All AF Activities (Intra-Philippines)	AFTCO-PAC	BH
All Coast Guard Activities (Intra-Pacific)	CCGD14	CE
All Navy Activities (State of Hawaii-Excluding DCS Switched Networks)	CINCPACFLT	NF
All Navy Activities (Excluding DCS Switched Networks)	CINCPACFLT	NG
All AF Activities	AFTCO-PAC	BJ
Air Force DDN Service (Intra-Theater DDN requirements only)	AFTCO-PAC	BL
<u>DCS Area 9</u>		
Joint Task Force-AK	JTF AK	SH
RCA ALASCOM (Public offering within Alaska and other commercial requirements using DCS facilities only)	RCAA	DS
11AF (PACAF) Dedicated	AFTCO	BI

TABLE 2. DCS TECHNICAL SCHEDULES¹

ITEM NUMBER	DESCRIPTION OF SERVICE	CIRCUIT PARAMETER CODE
<u>Category 1: Voice Switch Service</u>		
<u>Defense Switched Network/AUTOVON</u>		
1A	Voice grade access line.	C1
1B	Special grade, alternate voice/record access from AUTOVON switch.	C3
1C	Interswitch trunk voice grade.	C1
1D	Interswitch special grade, alternate 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-30.	Y3
1I	Interswitch trunk international voice grade.	M1
1J	Interswitch trunk international special grade.	M3
1K	Digital data service (access).	J1

¹Technical 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 DISA Circuit Allocation and Engineering Organization. When warranted by the degree of usage, an appropriate Technical Schedule for that particular service will be published by DISA.

TABLE 2. DCS TECHNICAL SCHEDULES (CON.)

ITEM NUMBER	DESCRIPTION OF SERVICE	CIRCUIT PARAMETER CODE
<u>Secure Voice</u>		
1L	Secure voice, operating at 2 4 through 16 kb/s (derived over analog channels).	C1
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 patching is anticipated, order item 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

TABLE 2. DCS TECHNICAL SCHEDULES (CON.)

ITEM NUMBER	DESCRIPTION OF SERVICE	CIRCUIT PARAMETER CODE
<u>Category 2: Digital Switch Service</u>		
<u>Defense Data Network/AUTODIN</u>		
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, alternate voice/record service. (Derived over analog channels.) C2/J1	Q2
2C	2.4 through 9.6 kb/s interswitch trunk. (Derived over analog channels.) C2/J1	Q2
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 M1020 condition line.) M3/J1	Q3
2G	300 to 1.2 kb/s access line. (Derived over international M1040 condition line.) M1/J1	Q4

TABLE 2. DCS TECHNICAL SCHEDULES (CON.)

ITEM NUMBER	DESCRIPTION OF SERVICE	CIRCUIT PARAMETER CODE
<u>Category 3: Voice Service</u>		
<u>Nonsecure Voice</u>		
3A	Nonsecure voice circuit.	C0
<u>Alternate Voice Record</u>		
3B	Alternate 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 alternate voice/record service.	C2
<u>Facsimile</u>		
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
<u>Carrier Telegraph (VFCT) Systems</u>		
3E	VFCT, type 1. Up to 16 telegraph channels.	C2
3F	VFTC, type 2. Up to 26 telegraph channels provided over a voice frequency channel between carrier terminals.	C2

TABLE 2. DCS TECHNICAL SCHEDULES (CON.)

ITEM NUMBER	DESCRIPTION OF SERVICE	CIRCUIT PARAMETER CODE
<u>International</u>		
3G	CCITT 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 provided by U.S. International Carriers.	M1
<u>Category 4: Digital Service</u>		
<u>General Data</u>		
4A	0 through 150 b/s teletypewriter and other dc keying services. (Derived over analog channels.) (C0/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

TABLE 2. DCS TECHNICAL SCHEDULES (CON.)

ITEM NUMBER	DESCRIPTION OF SERVICE	CIRCUIT PARAMETER CODE
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	Y2
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

²Refer 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 at 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 at issue in FCC Docket No. 20690. At that time Code Y2 will be adjusted as necessary for both Government-owned and commercially leased circuits.

TABLE 2. DCS TECHNICAL SCHEDULES (CON.)

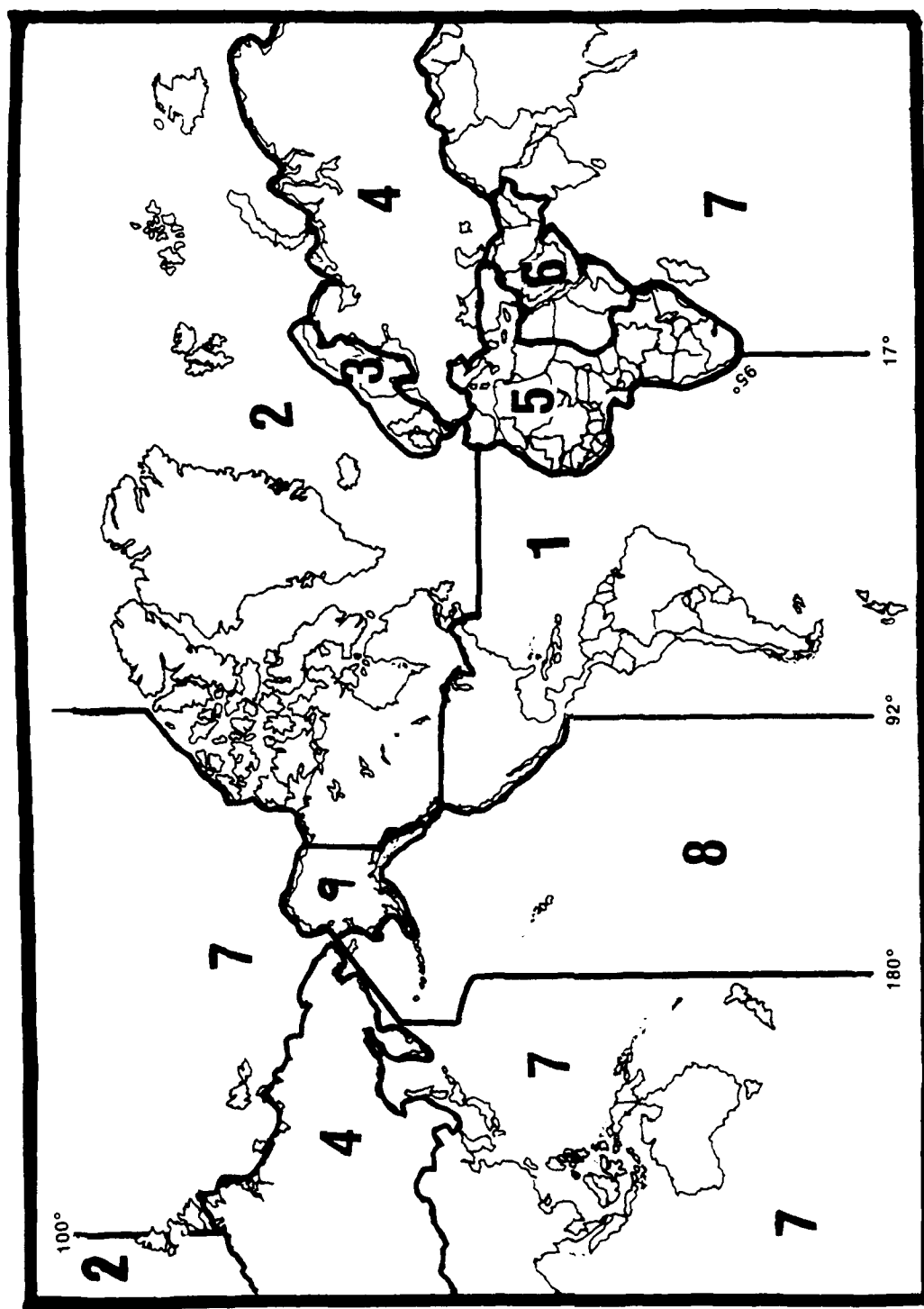
ITEM NUMBER	DESCRIPTION OF SERVICE	CIRCUIT PARAMETER CODE
<u>WORLDWIDE MILITARY COMMAND AND CONTROL SYSTEM (WWMCCS)</u>		
4J	Circuits supporting WWMCCS at rates of 19.2 kb/s to 50 kb/s. Synchronous or isochronous mode.	W1
4K	56/64 kb/s digital circuit supporting WWMCCS Intercomputer Network Communications Subsystem (WINCS)	J3
<u>International</u>		
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
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
<u>Category 5: Package/Digital System</u>		
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 isochronous pulses compatible with Bell System Technical Reference 41451.	Y2

TABLE 2. DCS TECHNICAL SCHEDULES (CON.)

ITEM NUMBER	DESCRIPTION OF SERVICE	CIRCUIT PARAMETER CODE
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 kb/s.	Q7
<u>Group Bandwidth</u>		
50	Frequency Division Multiplexing (FDM) use. This item should be specified whenever a DCS 60-108 kHz channel is equipped with GFE FDM equipment at DCS station locations.	X1

TABLE 2. DCS TECHNICAL SCHEDULES (CON.)

ITEM NUMBER	DESCRIPTION OF SERVICE	CIRCUIT PARAMETER CODE
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/USC-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
<u>Category 6: Optional Service</u>		
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
<u>Category 7: Special Category</u>		
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, TSR item 429 must reflect specific circuit technical specifications and special conditioning requirements.	NS



LEGEND:

DISA TMSO AREAS 1, 2, 6, AND 9

DISA-PAC AREAS 7 AND 8

DISA-EUR AREAS 3, 4, AND 5

FIGURE 1. DCS GEOGRAPHICAL AREAS

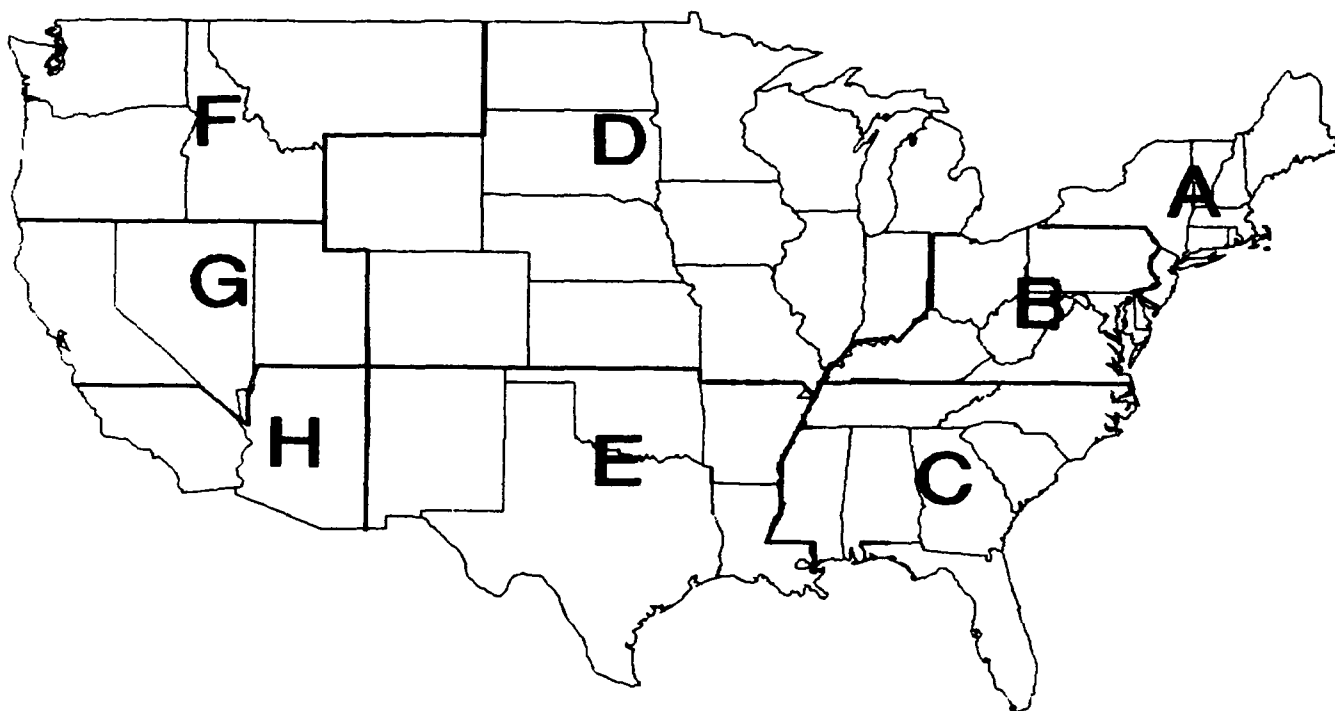


FIGURE 2. INTRA-CONUS AREAS

CHAPTER 2. SPECIAL CONSIDERATIONS RELATED TO SUBMISSION OF TELECOMMUNICATIONS SERVICE REQUESTS (TSR'S)

1. General. As a major operating component of the National Communications System (NCS), the DCS serves the needs of the DoD and certain needs of civil agencies, as set forth in the approved NCS Long-Range Plan (LRP) and in other agreements pertaining to specific DoD commitments to non-DoD agencies. The procedures as outlined herein for processing TSR's of DoD and non-DoD agencies are in consonance with applicable NCS publications. The following guidance pertains to submission of TSR's for DCS service by non-DoD agencies:

a. Non-DoD agencies currently authorized by the NCS LRP or other agreement between the non-DoD agency and DoD to request a specific DCS service are included in chapter 1, table 1.

b. Non-DoD agencies authorized to request DCS service will prepare TSR's in the format and detail prescribed in chapter 3 of this Circular. These TSR's will be submitted to the Director, DISA, ATTN: Code DOC, unless another channel is specified by separate agreement between the non-DoD agency involved and DoD, or otherwise specified herein. (See chapter 4.)

c. Reference 4c applies to non-DoD departments, offices, and agencies having authorized requirements to be satisfied by the use of DCS facilities.

d. Any use of the DCS by non-DoD agencies, other than as noted above, must be approved by the Office of the Assistant Secretary of Defense (OASD (C³I)) on a case-by-case basis. All requirements submitted to OASD (C³I) by non-DoD agencies will include the complete requisite technical and administrative data outlined in chapter 3 of this Circular, and will specify that the activity will reimburse the DoD for additional costs incurred; e.g., leased circuit costs.

2. Other Special Considerations Related to the Authority of TCO's to Submit TSR's.

a. Submission of Requirements. TSR's from DoD and other Government agencies will be submitted by the Telecommunications Certification Office (TCO) to the DISA, the DISA area, or the Defense Commercial Communications Office (DECCO, DECCO-AK, DECCO-EUR, or DECCO-PAC), as applicable, for implementation as specified in chapter 4. All requirements must include the requisite technical and administrative data in the format indicated in chapter 3, as applicable. In addition, the TCO must comply with published procedures applicable to the procurement of leased facilities within the DCS area involved; applicable technical and administrative data required for acquiring leased facilities will be included in the TSR.

b. Minor Rearrangement or Move of Government-Owned Facilities. Minor rearrangements and moves of Government-owned facilities which do not change the existing type and grade of service, user equipment or interface service points, or restoration priority may be accomplished after coordination with the responsible DISA action agency. The determination that circuit or system engineering actions or DCS circuit data base actions are not required must be

made prior to work start date. Rearrangements or moves requiring engineering or circuit data base actions will be processed by TSR in accordance with procedures contained in chapter 3 of this Circular.

c. Minor Rearrangement or Move of Leased Terminal Facilities. Minor rearrangements and local moves of leased terminal facilities which do not change the existing type and grade of service or the service points, and therefore do not necessitate circuit or system engineering actions or DCS circuit directory action, may be accomplished in accordance with leasing procedures in effect within the DISA area involved. Within the Western Hemisphere and other geographic areas where DECCO has an assigned leasing responsibility, minor rearrangements and moves should be accomplished by the use of a Commercial Communications Work Order (CCWO), DD Form 1367, provided maximum limits of CSA's are not exceeded. CCWO's cannot be used for DCTN/DSN/AUTOVON/AUTOSEVOCOM/AUTODIN service rearrangements. See reference 4a, chapter 4, paragraph 8, for details on use of CCWO's for minor moves and rearrangements. Special CCWO procedures exist for management of PDN services; DECCO provides specific guidance for using these CCWO's in CSA's issued to PDN users.

d. Submission of U.S. Communication Requirements for Emergency Service in Foreign Areas not Subject to NS/EP TSP Provisioning Priority Procedures.

(1) Telecommunication requirements resulting from any of the circumstances below may be submitted as emergency requirements and afforded special handling. These services are so critical as to be required at the earliest possible time, without regard to the associated costs of obtaining the service.

(a) State of crisis declared by the National Command Authorities.

(b) Efforts to protect endangered U.S. personnel or property.

(c) Enemy action, civil disturbance, natural disaster, or any other unpredictable occurrence that has damaged facilities whose uninterrupted operation is essential to national security emergency preparedness or the management of another ongoing crisis.

(d) Certification by the head or director of a Federal agency, commander of a unified or specified command; chief of a military service, or commander of a major military command; e.g., TAC, COMSECONDFLT, etc. (CINCEUR ONLY IN THE EUROPEAN AREA), that a telecommunications service is so critical to protection of life and property or to the national security that it must be processed immediately.

¹See information in chapter 2, paragraph 9; chapter 3, paragraph 5g; chapter 4, paragraph 3f; and supplement 11 for procedures regarding submission of "Emergency NS/EP" TSP telecommunication services leased within the U.S. (i.e., 50 States, U.S. territories, U.S. possessions).

(e) Telecommunications service directly supporting Federal Government activity responding to a Presidentially declared disaster or emergency as defined in the Disaster Relief Act (42 U.S. Code 5122).

(2) The TCO will submit emergency requirements to the appropriate DISA action agency stated in chapter 4, paragraph 2, by the most expeditious means available. Emergency requirements should be sent unclassified if possible to facilitate service implementation. The Allocation/Engineering Office will be contacted during normal duty hours and the NCS/DISANOC, ACOC, or DISA field office will be contacted after normal duty hours. (See chapter 2, table 3, for points of emergency contact.)

(a) The TCO will follow up verbal TSR's within 48 hours by furnishing the DISA action agency a record copy of the TSR in the format and detail prescribed in chapter 3 to document issuance of the emergency order. The TCO will include authorization for overtime and expediting charges that may be incurred by the carrier in providing the emergency service.

(b) The DISA action agency will attempt to satisfy the requirements over existing resources, but may have to lease facilities from a commercial carrier.

(3) If the DISA activity cannot be contacted, and the emergency situation warrants the action, the TCO may place an order with a communications common carrier in accordance with the leasing procedures established for the DCS area involved. This order will authorize the activation of the required service and the expenditure of any overtime or expediting charges that may be incurred by the carrier in providing the service.

(a) The TCO will follow up this action by sending a record copy of the TSR and other actions which may have been taken to the appropriate DCS action agency within 48 hours after placing the order.

(b) On DCS service, the DISA activity will in turn issue a confirming TSO to the leasing activity within 24 hours after receipt of the confirming TSR. The leasing activity will, upon receipt of the confirming TSO, issue a confirming order to the carrier.

(4) ACOC's may receive requests for emergency service from non-DoD agencies. These requests will be forwarded to NCS/DISANOC for action, or will be fulfilled from existing resources, if available, and the NCS/DISANOC will be informed of the action taken.

e. Submission of Communication Requirements for Urgent Service in Foreign Areas not Subject to NS/EP TSP Provisioning Priority Procedures.²

²See information in chapter 2, paragraph 9; chapter 3, paragraph 5g; chapter 4, paragraph 3f; and supplement 11 for procedures regarding submission of "Essential NS/EP" telecommunication services leased within the U.S. (i.e., 50 States, U.S. territories, U.S. possessions).

(1) An urgent requirement is one which, due to the urgency of the need for the service, does not allow normal leadtimes for TSR processing. The lack of service by the required date will have one or more of the following consequences:

(a) Seriously degrade mission performance and operations in direct support of national security emergency preparedness.

(b) Seriously degrade or impair the execution of "real world" military plans or intelligence operations.

(c) Seriously degrade or impair the ability of the United States to maintain favorable foreign relations.

(2) Poor planning is not a valid reason for requesting urgent action.

(3) At all levels, urgent requirements will be processed before routine requirements on a first-come-first-served basis. Officially, tariffs do not recognize urgent requirements and normal leadtimes generally apply once an order is submitted to the carrier or vendor.

(4) The following temporary exercise telecommunication service may be designated as an "Urgent Operational Requirement" (See chapter 4, par 3j):

(a) The minimum quantity of services essential to permit safe conduct of an exercise or achievement of primary exercise objectives or both. Only those services in support of exercises which involve the movement of personnel, weapons systems, munitions, or other critical materials or the control of aircraft are included.

(b) Short-notice exercise services resulting from changes in exercise locations or scenarios which could not reasonably have been foreseen, and without which the exercise cannot be conducted safely or effectively.

(5) An urgent RFS or TSR must contain the following information or the requirement will be processed as routine:

(a) Justification in item 417 that meets the criteria stated above. In addition, certification by the Commander or designated officer of the requester's major command of the urgency of the requirement to include the name, position, and telephone number of the certification authority. (Certification authority will not be delegated below major command Directorate or equivalent level.)

(b) Authorization for overtime and expediting charges for leased services (if applicable).

(c) A statement in item 417 that the TCO has reviewed the requirement with the requesting activity and found it to be a valid urgent requirement.

(6) For urgent requirements which specify DCS routing, recommend that an alternate circuit be identified and submitted for preemption in case DCS resources are not available.

f. Pre-Positioned Contingency Requirements. Unified and specified commands, major commands, Defense and other Government Agencies can preposition telecommunications requirements in support of Joint Staff-approved operational contingency plans with the appropriate DISA action agency. The DISA action agency will initiate action necessary to preposition the requirement at the DCS station level or with commercial carrier through DECCO, or other leasing activity if required. Unless a pre-positioned contingency requirement is needed on a full-time basis, the requirement will be leased through the National Security Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) procedures described in supplement 11 of this Circular. In European, Pacific and other applicable areas where NS/EP TSP provisioning TSR procedures do not apply, requirements will be processed in accordance with "urgent" and "emergency" procedures identified in chapter 2 of this Circular, guidance contained in local area supplements to DISAC 310-130-1, and/or information discussed below. In some instances, a requirement in support of an OPLAN may be leased on a full-time basis to guarantee availability at time of need. These "full period" requirements are to be leased in accordance with chapter 3 of this Circular. (NOTE: NS/EP procedures apply to the 50 states, District of Columbia, and U.S. territories and possessions.)

(1) Request for service (RFS) or a change to a previously submitted RFS will be submitted to the appropriate TCO in accordance with the TCO's RFS format and procedures. The supported OPLAN and the fact that the RFS is for contingency service will be specified in the RFS.

(2) Upon receipt of the RFS, the TCO will:

(a) Review the requirement.

(b) Submit a TSR in accordance with chapter 3, this Circular. The TCO should ensure the following items are included:

1. Item 112 contains "COTGNCY RQR."
2. Item 118 contains overtime authorization, if required.
3. Item 415B contains the OPLAN number.
4. Item 417, when required, should contain information concerning preemption of other circuits. In addition, if new leased services are involved and some part of the information is not for release to carriers, ensure that the TSR specifies which information may not be released to commercial carriers.

(c) When requested by the DISA action agency, determine the circuit or circuits to be preempted for the new service.

(3) Upon receipt of the TSR, the DISA action agency will:

(a) Review the TSR.

(b) Determine routing; if routing is available, issue the TSO.

(c) If complete routing cannot be determined due to nonavailability of spare channels, notify the ordering TCO of channels available for preemption. NOTE. When it is necessary to preempt the service of another TCO, the TCO with the preempting requirement will obtain concurrence from the preempted TCO or area CINC if required, prior to notifying the DISA action agency of action taken.

(4) Upon receipt of the TSO, the stations along the route of the circuit will:

(a) Implement the circuit configuration contained in the TSO to the maximum extent possible.

(b) Label patch bays and boards the same as other circuits; flag to indicate contingency requirement (IAW station SOP).

(c) Enter circuit in station records and logs the same as other circuits; flag as "contingency requirement."

(d) Report in accordance with instructions contained in the TSO.

(e) File a copy of the TSO in the appropriate OPLAN file.

(5) To activate all or a portion of the circuits for a given OPLAN the following applies:

(a) Requesting activity notifies the appropriate ACOC or DISANOC, Washington DC, Code DON, by message or telephone of the services desired.

(b) The ACOC or DISANOC (DON) will notify, by message or telephone, affected DCS stations, DECCO, DECCO field activities, or other leasing activities as required.

(6) To revert all or a portion of circuits for a given OPLAN to inactive status, the notification sequence indicated in paragraph 2f(5) applies.

(7) All pre-positioned requirements must be revalidated annually.

(8) Normal procedures will be followed to discontinue a pre-positioned contingency requirement.

(9) A copy of each RFS, TSR, and TSO pertaining to contingency pre-positioned requirements will be forwarded to DISA WASHINGTON DC//DOQ/DON//, or 701 S. Courthouse Road, Arlington, Virginia 22204-2199.

g. Request for Reconfiguration of DISA Switched Networks.

(1) Responsibilities.

(a) DISA Network Management Operations Center, Voice Network Management Directorate (DOV) is responsible for management control and operational direction of the DCS DSN switched network (DCTN, AUTOVON, and AUTOSEVOCOM).

(b) DISA Network Management Operations Center, Data Network Management Directorate (DOD) is responsible for management control and operational direction of the DCS data switched networks AUTODIN, DDN, and DISN. This responsibility includes the evaluation of proposed changes in the configuration of the data switched networks worldwide, as well as configuration management for system software, hardware, intra- and interarea interswitch trunk circuits and associated equipment.

(2) Procedures. DISA action agencies and military departments assigned operating responsibility for leased or Government-owned switching centers will submit recommendations pertaining to the addition, deletion, or reconfiguration of either trunk circuits or equipment within switching centers of the DCS switched networks to Director, DISA, ATTN: DOCT, DOV, or DOD, as applicable, for consideration and evaluation. Recommendations for changes that will improve the service or effect cost savings are solicited. Action to implement approved recommendations will be initiated at Headquarters, DISA.

h. Requests for Orderwires. Operating and maintenance (O&M) elements will submit all requests for orderwire network changes, deletions, and additions directly to the DISA area Telecommunications Certification Office (TCO) for validation and TSO action. DISA Europe, DISA Pacific, and DISA TMSO are designated as the TCO's for all DCS orderwire circuit requirements within their respective areas of responsibility. All orderwires shall be engineered, configured, and installed in accordance with reference 4q.

i. Requests for Critical Control Circuits. Requests for critical control circuits, to be used in support of the DISA Operations Control Complex (DOCC), will be submitted by the affected DISA area or region control center to the Director, DISA, ATTN: DOC, for validation and subsequent allocation.

j. Requests for Information for Planning Purposes. To request data needed for information or planning purposes, submit a TSR in accordance with chapter 3, entering "Developmental" in TSR item 103. Developmental TSR's will not be submitted to obtain information on individual circuits or equipments which are tariffed or listed in catalogs available from local contractors. Also, Developmental TSR's shall only be submitted when there is a reasonable expectation of acquiring the service, equipment, or system specified.

(1) If the request is for non-DCS service, submit the TSR directly to DECCO (see chapter 4, paragraph 3e). DECCO will issue a developmental inquiry, when required, to commercial sources in accordance with reference 4a, and provide the subsequent information to the TCO.

(2) Submit TSR's for DCS service for action to the appropriate DISA circuit allocation and engineering activity. The DISA action agency will determine if DCS facilities or multiplexing application is available to satisfy the requirement, and coordinate such capability with the TCO before issuing a developmental TSO, if required, to DECCO. DECCO will forward resulting commercial lease information to the DISA action agency and to the TCO. The DISA action agency will review the lease data in relation to the multiplex capability and provide guidance to the TCO if alternative approaches could satisfy the requirement. If service is to be provided, a new TSR must be issued.

k. Submission of Requests for Reaward. TCO's will submit reaward TSR's to reaward existing and expired contracts, to the appropriate DISA Action Agency (see figure 24 of this Circular). Reaward TSR's will contain the same information required for a start TSR except that TSR item 103 (type action) will contain the word "Reaward" and TSR item 116 (Communications Service Authorization - CCCI/DBOF-CISA/ALLA Number(s)) will contain the existing contract/CSA number. If the contract is awarded to the incumbent contractor, DECCO will update the data files to show the new CSA number and contract effective and expiration dates. DECCO will then notify all concerned of the new data using the Status of Acquisition Message (SAM). If the contract is awarded to a new contractor, DECCO will issue the new information via a SAM and will issue the necessary commercial disconnect orders upon receipt of an In-Effect Report from the customer.

l. Submission of Requirements for Other Than Full and Open Competition. When the acquisition of a telecommunications service is being requested without full and open competition, or a specific make/model of equipment is specified, a justification with technical and management certifications must be provided in TSR Item 406. Such justification and certifications are required by Federal Acquisition Regulation (FAR) 6.303 and Department of Defense FAR Supplement (DFARS) 6.303-1(B)(70). Each justification shall include (1) sufficient facts and rationale to justify the use of specific authority cited and (2) technical and management certifications that the Government's minimum needs and/or schedule requirements (or other rationale used as the basis for the justification) have been reviewed and are deemed accurate and complete. If the use of specific make/model of equipment cannot be justified, the minimum technical requirements/specifications for the equipment shall be provided in TSR Item 407. When a justification for Other Than Full and Open Competition (OTFAOC) for a service, equipment, or system requires lengthy documentation, it may be submitted as a separate document. When a separate document is submitted, TSR Item 406, "Justification for Other Than Full and Open Competition" shall contain the statement, "Justification for OTFAOC to be provided under separate cover". Such requirements will not be processed until justification for OTFAOC is received by DECCO. Information required in TSR Item 406 depends on whether the telecommunications requirement is an individual requirement or part of a system that is covered by an approved class justification for OTFAOC. If the requested service is part of a system that is covered by an approved class justification for OTFAOC, item 406 should identify the class justification and the date of the class

justification. If the telecommunications service requires an individual justification, as a minimum, the following information shall be included in the justification statement provided in TSR Item 406:

(1) Identification of the requiring agency/command and the applicable contracting activity (i.e., DECCO).

(2) Nature and/or description of the action being approved (i.e., type of contract action: new requirement, change to existing contract, follow-on contract, etc.)

(3) A description of the supplies or services required to meet the Agency's needs (or refer to TSR item 407). The estimated dollar value of the supplies or services, based on the service life (including any optional items or service extensions requested), together with details indicating how the estimated value was determined, shall be included.

(4) An identification of the statutory authority permitting other than full and open competition, which must be one of seven circumstances identified in FAR 6.302.

(5) A demonstration that the proposed contractor's unique qualifications, or the nature of the acquisition, requires use of the authority cited above in paragraph 1(4).

(6) A description of the market survey conducted and the results, or a statement of the reasons why a market survey was not conducted.

(7) Any other facts supporting the use of other than full and open competition, such as:

(a) Explanation of why technical data packages, specifications, engineering descriptions, statements of work, or purchase descriptions suitable for full and open competition have not been developed or are not available.

(b) An estimate of the cost to the Government that would be duplicated and information regarding how the estimate was derived, shall be provided when FAR 6.302-1 ("only one responsible source and no other supplies or services will satisfy agency requirements") is cited for follow-on acquisitions as described in FAR 6.302-1(A)(2)(II).

(c) Data, estimated cost, or other rationale as to the extent and nature of the harm to the Government, shall be provided when FAR 6.302-2 ("unusual and compelling urgency") is cited.

(8) A listing of sources, if any, that expressed, in writing, an interest in the acquisition.

(9) A statement of the actions, if any, the agency may take to remove or overcome any barriers to competition before any subsequent acquisition is accomplished for the supplies or services required.

(10) Technical certification: "I certify that the data contained in this justification for other than full and open competition is complete, accurate, and correctly specifies the Government's minimum needs and/or schedule requirements." Provide name, rank, and title of individual who accomplished the technical certification.

(11) Management certification: "I certify that this justification for other than full and open competition has been reviewed and approved at an appropriate management level in accordance with agency procedures prior to submission of this TSR." Provide name, rank, and title of individual who accomplished the management certification."

m. Submission of Requirements for Commercially Provided Telecommunications Service Within the National Capital Region (NCR). Telecommunications service which terminates within the NCR will be submitted as follows:

(1) DoD intra-NCR administrative telecommunications requirements, with the exception of tactical, special intelligence, or DCS common user, will be sent as "action" to the Defense Telecommunications Service - Washington, D.C. (DTS-W) by the appropriate telephone control office within the NCR.

(2) Long haul telecommunications requirements which have at least one service location outside the NCR, and one or more service location within the NCR, will be sent "action" to the appropriate DISA Action Agency (HQ, DISA/TMSO/DECCO), and "info" to the DTS-W.

n. Requests for Administrative Changes. CHANGE TSR's requesting administrative changes to user terminal equipment, TSP, purpose and use codes, CCSD's, PDC's, or other administrative changes require only items 101, 102, 103, 105, 106A/B, 107, 108, 116, 117, 120 series, 130, 131, 401, 402, 417, and 521-531 (if applicable).

o. Requests for Exercise of Options and Option Years. CHANGE TSR's, submitted directly to DECCO, requesting exercise of contract options (e.g., option to purchase, option to extend, etc.) only require TSR Items 101, 103, 106B, 116, 117, 401, 402, and 417.

p. Requests for Equipment and/or Associated Services from an Existing Contract. START TSR's requesting equipment and/or associated services to be ordered from a DECCO requirements (bulk) contract are submitted as non-DCS TSR's. Use of TSR Items 101, 103, 104, 106B, 116, 117, 401, 402, 416, and 417 will provide the contract administrator with the required information to process the requirement. It is essential that Item 401 state that it is a request to be fulfilled from an existing bulk contract and include the appropriate contract number. DECCO will execute the appropriate order, unless the user specifically requests a blanket delivery order. For blanket delivery orders, Item 417 must contain a statement identifying the name, position, and telephone number of the individual who is authorized to place calls against the blanket delivery order.

3. Requirements Necessitating Additional DCS Government-Owned Facilities for Their Fulfillment.

a. Military departments assigned operating responsibility for Government-owned portions of the DCS are responsible for providing Government-owned equipment and supplies required to install, terminate, condition, test, operate, and maintain such portions of the system in a manner that meets transmission standards for the worldwide DCS. The responsibility includes DISA Government-owned channels and interface equipment that are used to extend leased channels.

b. In the day-to-day process of acting on Telecommunications Service Orders (TSO's), DCS stations and technical control facilities may become aware that items of equipment needed to condition or make circuits operational are not on hand or are becoming in short supply. In these instances, DCS stations involved will take the necessary action prescribed by the parent military department directives to obtain the required equipment. Such actions should be processed upward to the O&M commands. If DISA assistance is needed by the O&M commands in locating available items of equipment, advise the Director, DISA, ATTN: DOC, who will request the appropriate military department to provide the equipment. The military department will reply to this request within 30 days, indicating what action has been taken.

c. Certified, programed, or anticipated telecommunications requirements may be of such magnitude as to require expansion of Government-owned DCS facilities. DISA action agency commanders will monitor the use of facilities, correlate requirements to availability of facilities and, when necessary, submit a Subsystem/Project Plan to Director, DISA, ATTN: DA, who will obtain the necessary approvals and concurrences and forward the plan, with further implementing instructions as necessary, to the appropriate military department for action.

4. Disposition of DCS Resources.

a. Telecommunications services and facilities established under the procedures outlined in this Circular, which interface with the DCS, are subject to the operational direction and management control of the Director, DISA, under the provisions of references 4f, 4w, and 4x. When these services and facilities are no longer required, they will be reported through established TCO channels to the appropriate DISA action agency for discontinuation.

(1) Government-owned DCS telecommunications facilities will not be deactivated until instructions are received from the appropriate DISA action agency to deactivate the facilities as operating components of the DCS. Government-owned equipment becoming excess as a result of deactivation or discontinuance of DCS telecommunications facilities will be disposed of in accordance with procedures prescribed by the department, office, agency, or command that provides the equipment and reference 4i.

(2) Requirements to deactivate (discontinue) leased communications facilities, services, and equipment will be processed in the same manner as prescribed for their installation. All requirements to discontinue leased DCS

general-purpose circuits or facilities, or facilities which are channelized or have multiple user assignments, will be submitted by the appropriate TCO to the appropriate DISA action agency for necessary action. Common switching facilities and circuits of the DCS switched networks will be deactivated or reconfigured only by direction of Headquarters, DISA. (For leadtimes, see chapter 4, tables 12, 13, and 14.)

b. A DISA action agency may, after consulting with the appropriate TCO, cancel a DCS allocation if the facility is not activated by the user within 30 days after the service is made available. This action will be accomplished as follows:

(1) A discontinuance TSO, with an effective date of 15 days from date of issuance, will be addressed to the appropriate TCO and all addressees shown on the start TSO.

(2) The allocation will be canceled on the date shown in the TSO, unless the TCO takes action to activate the facility or coordinates a change in start date with the DISA action agency. In the latter case, the TCO will also submit an amendment to the TSR under which the service was originally requested.

5. Reallocation of DCS Resources to Meet New Service Requirements. If a new service can be provided by the rearrangement of existing DCS circuits, Headquarters, DISA, or the DISA action agency, as applicable, after coordination with the appropriate TCO, will provide the service on this basis unless additional leased costs are involved. If additional leased costs will be involved, the DISA action agency will review this cost consideration with the TCO requesting the new service. If the TCO determines that the requirement warrants the action, the TCO may make necessary funding arrangements with other applicable TCO's to permit the rearrangement action to be accomplished. When this action is taken, the TCO's involved must review all circuit restoral priorities for proper assignment and resolve any conflicts prior to submitting the TSR.

6. Public Data Network Performance Specifications (PS). For new PDN network service requirements, the TCO must submit a PS directly to DECCO Scott or DECCO Europe in addition to the TSR which must be submitted to DISA TMSO or DISA Europe. DECCO provides TCO's a Guide for PDN Performance Specifications and is available to assist in developing the PS.

7. Requirements Which Cannot be Fulfilled. If all existing channels between two points are allocated and reallocation or leasing action cannot fulfill the requirement, the following steps will be taken by the DISA action agency:

a. Respond to the TCO and suggest alternate methods of meeting the requirement; e.g., use the DCS switched network instead of a dedicated private line, etc.

b. Suggest to the originator the turndown of an existing circuit and its reuse to meet the requirement when the user has other circuits over the same path.

c. Query the customers who have numerous circuits over the same path or to the same points, and request a review of existing circuits with a view of volunteering the release of a circuit, where possible.

d. Refer the requirement with recommendations through channels to a military department, CINC of the unified or specified command, or Joint Staff, as appropriate, for resolution.

e. Refer requirements from non-DoD agencies to the OASD (C³I) for resolution.

f. Refer all unfilled requirements to Headquarters, DISA, ATTN: Code DA, with an information copy to DISA, ATTN: Code DOC.

8. Unified or Specified Command Approval. Joint Staff policy regarding the authority and responsibilities of unified or specified commanders over the communications resources within their respective areas of responsibility is contained in reference 4i. TSR's submitted for requirements of circuits or channels which traverse or terminate within the area of responsibility of a unified or specified commander will contain a reference to the concurring message, letter, or other document of that commander, or will be addressed to the CINC at the same time the TSR is submitted to DISA action agencies.

a. Where the requirements of a unified or specified command, military service, or DoD agency traverse the system or use the resources within the area of another unified or specified command, the allocation of communications resources for dedicated use and the assignment of the restoration priority will normally be accomplished through mutual agreement of the unified and specified commands, military departments, or DoD agencies concerned.

b. Where the availability of communications facilities is extremely critical and a mutually satisfactory agreement on the use of systems and facilities cannot be achieved by the unified or specified commands, military departments, or DoD agencies concerned, the matter will be referred to the Joint Staff for resolution.

c. Referral of cases to the Joint Staff may be made by a joint communication from the unified or specified commands, military departments, and DoD agencies concerned, or by the agency involved. Information to be submitted will include the following:

(1) Operational mission requiring communications support.

(2) The specific communications support resources required to support the mission.

(3) The availability or use of existing communications facilities which could be used to support the requirement.

(4) The position of each unified or specified command, military department, or DoD agency concerned with respect to the communications requirement.

(5) Statement of reason why common user communications can or cannot be used to satisfy the requirement.

(6) Statement of the impact if communications required are not provided.

9. NCS Telecommunications Service Priority (TSP) Authorization Procedures.

a. TCO's and Service Users will:

(1) Comply with their obligations under the TSP System as identified in reference 4p.

(2) Designate officials authorized to invoke NS/EP treatment.

(3) Request and justify to the NCS TSP Program Office, via the TSR, a TSP assignment for a telecommunications service.

(4) Contact the NCS in the event of nonreceipt of the TSP Assignment Message.

(5) If the TSP has been previously assigned by NCS, cite the applicable TSP Authorization Code in item 102 of the TSR.

(6) Notify the TSP Program Office if a service with a TSP assignment has been terminated or if the priority level should be revised or revoked.

(7) For all TSP services, ensure (contractually or otherwise) the availability of customer premises equipment and wiring necessary for end-to-end operation of the service.

(8) Accept TSP services by the service due dates or (for Emergency TSP services) when they are available.

b. The Manager, NCS-TSP will:

(1) Review and authorize TSP assignments requested on each TSR within 2 working days, except in extenuating circumstances, by issuance of a TSP Assignment Message (containing the TSP Authorization Code) to the responsible TCO and all original TSR addressees.

(2) If the service does not qualify for the requested TSP, deny the request, or (telephonically) ask the TCO to provide additional information.

(3) Maintain data on TSP assignments.

(4) Maintain a 24-hour point-of-contact for receiving and responding to requests for Emergency provisioning priority TSP assignments.

c. DISA action agencies will:

(1) Include the NCS assigned TSP Authorization Code in paragraph 2B of the TSO and/or in the initial and all subsequent leasing orders for all requirements which qualify for a TSP.

(2) Review and assign TSP restoration priorities to package systems and system cutover actions in accordance with reference 4p.

(3) Provide ADP assistance, if requested, to TCO's and/or unified commanders to aid in conducting overall TSP restoration priority reviews.

(4) Issue TSO's and enter CINC-validated, NCS-approved TSP assignments in the DISA WWOLS and DECCO data bases.

(5) Submit a TSP Service Order Report directly to the TSP Program Office with 45 calendar days of issuing a TSP service order.

10. Completion Reports.

a. Use. A completion report (CRP) is required for every TSO issued, unless specified differently in the TSO (e.g., AUTODIN Action Notices (AAN's) submitted in accordance with DISAC 310-D70-30 constitute an in-effect report, and no separate report under this circular is required.) In the case of TSR's for leased equipment only, TSO's are not issued. In these cases completion reports will be submitted as directed in the TSR. In-effect reports for PAT's will be based upon Switch Revision Messages (SRM's) for OCONUS service and upon PAT TSR's for CONUS service. The report tells the office that issued the order that action has been completed or that additional action may be required. Three different reports have been devised to cover all situations. They are designed to be processed by computer insofar as possible. Therefore, the formats must be followed precisely. These reports are exempt from reports control under the provisions of DISAI 630-225-2, Information Requirements Management.

b. Submission. Completion reports will be submitted by AUTODIN (if available) directly to the originator of the TSO and all addressees on the TSO. Include only one type of report in any one message; i.e., do not submit an in-effect report and exception report in the same message. Completion reports for DSN PAT TSR's will be submitted and formatted in accordance with the examples shown in supplement 1 to this Circular.

c. Format. Entering the appropriate DISA activity as shown on the TSO, which should follow one of the examples below (with content indicator code (CIC) DJBT), will help to ensure the reports are correctly routed for further processing.

DISA TSR-TSO-CRP TRAFFIC WASHINGTON DC

DISA TMSO TSR-TSO-CRP TRAFFIC SCOTT AFB IL

DISA EUR TSR-TSO-CRP TRAFFIC VAIHINGEN GE

DISA PAC TSR-TSO-CRP TRAFFIC WHEELER AFB HI

d. Types of Completion Reports.

(1) In-Effect Report. The station or activity designated in the TSO will, within 72 duty hours (based on 24-hour workday not including weekends and holidays) of completion of action on the TSO, forward an in-effect report directly to the originator and all addressees of the TSO. If the service being in-effected has been assigned a TSP, the in-effect report, containing the applicable TSP Authorization Code, must be submitted to: "MGR NCS-TSP WASHINGTON DC." This report will be submitted either when the service is provided end-to-end and accepted, meets all details of the TSO, and meets all technical parameters of the specified technical schedule, or to clear previously submitted exception or delayed service reports. One service will be covered by one in-effect report. Examples of in-effect reports are shown in supplement 1. In-effect reports will contain the following information:

(a) Subject: In-Effect Report, or Multiple In-Effect Report.
(Submit multiple report only if TSO was multiple.)

(b) Reference: Identification of the TSO message.

(c) Item 1: Complete TSO number.

(d) Item 2: TSR number from TSR item 101 and/or TSO paragraph 2N.

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

(f) Item 4: Commercial carrier and commercial circuit number from TSO paragraph 3X2A or other sources, or enter NA.

(g) Item 5: Type action from TSO paragraph 2C.

(h) Item 6A: Date, time, month, and year of completion of action.

(i) Item 6B: Date, time, month, and year commercial service was provided, or enter N/A when no commercial service has been requested.

(j) Item 7: Remarks. Not any administrative comments or minor changes authorized under chapter 2, paragraphs 2b and 2c, of this Circular.

(k) Item 8: Point of contact. Name, organization, and DSN/commercial telephone number of person submitting the in-effect report.

(l) Item 9: NCS assigned TSP Authorization Code from item 102 of the TSR and/or paragraph 2B of the TSO.

(2) Exception Report. The station or activity designated in the TSO will, within 72 duty hours (based on 24-hour workday not including weekends and holidays) of completion of action on the TSO, submit an exception report if end-to-end service is provided and accepted with some exceptions to, or deviations from, the details of the TSO or technical parameters of the specified technical schedule. Prior to accepting service, the designated station or activity will advise the TSO-issuing authority of those technical parameters failing to meet established standards, who will in turn advise the station or activity if service is to be accepted with these exceptions. Exception reports will be forwarded directly to the originator and all addressees of the TSO. The CCO/CMO will submit follow up reports every 30 days until the exception(s) are cleared. If a firm date is known when the exception(s) will be cleared (e.g., equipment on order), and that information is contained in the follow-up, then subsequent follow-ups are not required until the date indicated. Exception reports must be followed by an in-effect report when the exceptions are cleared. If an O&M commander determines that the exception cannot be cleared, he may direct the appropriate TCO to request (via TSR amendment) an amended TSO to accommodate the exception. Examples of exception reports are shown in supplement 2. Exception reports will contain the following information:

(a) Subject: Exception Report or Multiple Exception Report.
(Submit multiple report only if TSO was multiple.)

(b) Reference: Identification of the TSO message.

(c) Item 1: Complete TSO number.

(d) Item 2: TSR number from TSO paragraph 2N.

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

(f) Item 4: Commercial carrier and commercial circuit number from TSO paragraph 3X2A or other sources, or enter NA.

(g) Item 5: Type action from TSO paragraph 2C.

(h) Item 6A: Date, time, month, and year of completion of action.

(i) Item 6B: Date, time, month, and year commercial service was provided, or enter N/A when no commercial service has been requested.

(j) Item 7: Exception code from chapter 2, DISAC 310-65-1.

(k) Item 8: Rationale (mandatory). Enter narrative remarks to include which items are not as specified in the TSO; reason allocated channel was changed; a statement of which parameters could not be met with actual readings compared to required readings; identification of the authority or activity that authorized acceptance of substandard service;³ statement of which specifications could not be measured, with reason and location; lack of response by a commercial carrier by name and location; proposed corrective action, if any, with estimated date and time for completion of corrective action; and any other remarks which will explain the exceptions.

(l) Item 9: Point of contact. Name, organization, and DSN/commercial telephone number of person submitting the exception report.

(3) Delayed Service Report.

(a) If leasing actions are involved:

1. The station or activity designated in the TSO to report on or accept the circuit will contact the local sales office of the vendor providing the service 5 working days prior to the scheduled service date to ascertain that the service date will be met.

2. If the commercial vendor indicates the service date cannot be met due to vendor difficulties, a delayed service report will be telephoned to the TCO by the station or activity designated in the TSO to report on or accept the circuit. The TCO will telephonically advise DECCO or the appropriate DECCO field activity. The verbal report will be confirmed by message in supplement 3 format to the TCO, the originator, and all addressees of the TSO within 72 hours.

3. If the established service date cannot be met due to governmental causes, a delayed service report will be transmitted by the CCO or TSR/TSO designated activity for reporting on or accepting the circuit. This report will be sent to the TCO, originator, and all addressees of the TSO, as soon as the inability to meet the required service date is known. When facilities permit, this message report will be preceded by a verbal notification to the TCO, which will issue an amended TSR reflecting the new or revised required service date.

³Operational traffic must not be placed on new commercial circuits that fail to meet the technical parameters and that are not accepted on behalf of the U.S. Government, unless prior approval is received from the TSO-issuing authority. Such use may obligate the U.S. Government to pay for the service even though it is substandard.

(b) If leased services are not involved:

1. When the established service date cannot be met due to governmental cause, the CCO or the TSR/TSO designated activity for reporting on or accepting the circuit will submit a delayed service report. This report will be sent to the TCO, the originator, and all addressees of the TSO. It will be sent as soon as the inability to meet the required service date becomes known. When facilities permit, this message report will be preceded by a verbal notification to the TCO.

2. If the forecasted delay as reported in item 8 of the delayed service report is excessive; e.g., unknown, a report will be submitted each 30 days until a firm date is established. The problem may be resolved by exceptional procedures as outlined in paragraph 4b of this chapter.

(c) Delayed service reports must always be followed by either an in-effect report or an exception report.

(d) Examples of delayed service reports are shown in supplement 3. Delayed service reports will contain the following information:

1. Subject: Delayed Service Report or Multiple Delayed Service Report. (Submit multiple report only if TSO was multiple.)

2. Reference: Identification of the TSO message.

3. Item 1: Complete TSO number.

4. Item 2: TSR number from TSO paragraph 2N.

5. Item 3: CCSD or trunk ID from TSO paragraph 2A.

6. Item 4: Commercial carrier and commercial circuit number from TSO paragraph 3X2A or other sources, or enter NA.

7. Item 5: Type action from TSO paragraph 2C.

8. Item 6A: Date, time, month, and year specified in TSO paragraph 2D.

9. Item 6B: Date, time, month, and year commercial service was provided, or enter N/A when no commercial service has been requested. This information is required even if the service, end-to-end, is not established. This information will be used by DECCO for billing purposes when a leased service is provided/accepted and the U.S. Government is obligated for payment, and by the TCO/TSO preparing office to determine whether or not the leased service should be discontinued and restarted at a later date. Every effort must be made to amend TSR and TSO service dates to preclude unnecessary expenditures (See ch. 2, par. 10d(3)(a)3).

10. Item 7: Delayed service code from chapter 20, reference 4b.

11. Item 8: Date, time, month, and year service is expected to be provided, or enter UNKN.

12. Item 9: Cause (mandatory). If the delay is attributable to a commercial carrier, enter the reason for delay provided by the carrier and the name of the company; if user equipment or facilities are not installed or capable of operation, so state; enter any other amplifying remarks which will explain the delay.

13. Item 10: Point of contact. Name, organization, and DSN/commercial telephone number of person submitting the delayed service report.

11. Acceptance Report. The activity exercising a new purchase option will, after completing an inventory of equipment purchased, submit a certified acceptance report, signed by a responsible Government official, to DECCO, authorizing payment for the equipment.

TABLE 3. NATIONAL COMMUNICATIONS SYSTEM/
DISA NETWORK OPERATIONS CENTER COMPLEX
LOCATIONS AND POINTS OF CONTACT

TITLE AND LOCATION	TELEPHONE NUMBERS	
<u>NATIONAL CENTER</u>		
	<u>COMMERCIAL</u>	<u>DSN (AUTOVON)</u>
NCS/DISANOC 701 S. Courthouse Road Arlington, Virginia 22204-2199 (Contact for inter-DISA Area and Western Hemisphere matters)	(703) 692-2714	222-2714
<u>AREA CENTERS</u>		
DISA-Europe Vaihingen, Germany	0711-680-8845 (local within Germany)	314-395-8845 314-396-4867 314-430-8435/8555
DISA-Pacific Wheeler AFB, Hawaii	(808) 656-2777 (808) 656-2783	315-456-2777 315-456-2783 315-456-2784 (DSCS)
<u>REGIONAL CENTERS</u>		
DISA-Northwest Pacific Yokota AB, Japan		315-221-1245 315-225-4155
DISA-Southwest Pacific Cubi Point, Philippines		315-385-9922
DISA-Korea Field Office Yongsan, Korea		315-262-1101 (SBD) ext 3426/6973

CHAPTER 3. FORMAT OF TELECOMMUNICATIONS SERVICE REQUEST (TSR) AND DETAILED PREPARATION PROCEDURES

1. General. Requirements for telecommunications service will be validated in accordance with the policies and procedures of the user's parent command. TCO's will prepare TSR's in accordance with the procedures and format contained in this Circular. All TSR's will be submitted in itemized format to DISA activities according to flow charts in chapter 4.

2. Telecommunications Service Request (TSR).

a. TSR's will be submitted to the applicable DISA action agency (see chapter 4) and concurrently to the NCS and applicable approving CINC using the format prescribed herein. The TSR is divided into seven numbered sequences.

(1) Item 101 sequence. General Technical Information.

(2) Item 201 sequence. DSN/AUTOVON/DCTN/AUTOSEVOCOM Service Information.

(3) Item 301 sequence. AUTODIN MSU Service Information.

(4) Item 352 sequence. DDN Service Information.

(5) Item 401 sequence. Narrative Information.

(6) Item 501 sequence. Justification and Approvals.

(7) Item 521 sequence. TSP Information.

b. The itemized format (see supplement 7) permits computer processing of TSR's to TSO's. The TSR sequence item number is the key used by computer software to transfer information from specific TSR items to specific TSC paragraphs. (See supplements 9 and 10 for TSR item to TSO paragraph correlation table.) The sequence of the format and its success in improving response time to the TCO's requirement depend upon completeness and accuracy in the construction of the TSR. The TSR submission matrix shown in supplement 8 should be used to identify the particular TSR items which can apply to specific types and categories of service requests.

c. TSR (Editor) (TSR(E)) is a PC-based system that assists in the preparation of a RFS and a TSR. The system edits the request based on the type of service needed and formats the request for transmission to the next level of processing. It facilitates the standardization of all edits throughout the total process which results in more complete and accurate orders. TSR(E) changes are managed/coordinated through a Configuration Control Board chaired by DECCO/RI, Scott AFB, IL 62225-8300 with membership from DECCO, TMSO, TCO's, and DISA/DOCP.

3. Submission of TSR's.

a. Only complete, validated TSR's submitted by the TCO's shown in chapter 1, table 1, will be processed except as stated in chapter 1, paragraph 3a. Activities should not forward information copies of feeder TSR's, RFS's, or TSR input data to DISA, but only to the TCO's for certification. Requirements will be certified in accordance with policies and procedures of the TCO's parent command.

b. This chapter provides instructions related to the final preparation of the TSR by the TCO. Further implementation of this chapter toward enabling TCO's to obtain information for TSR's is a responsibility of the TCO.

c. Only pertinent data items need be transmitted. If the item is not applicable or appropriate to the service request, do not submit the item. Missing sequence item numbers on received TSR's will be assumed to be "NA." However, to preclude TSR processing delays, ensure that the data provided is complete and accurate. (See supplement 8 for TSR item submission matrix.)

d. When an initial TSR is issued for telecommunications services, item 103 will reflect START, CHANGE, REHOME, DISCONTINUE, DEVELOPMENTAL, TEMPORARY, or REAWARD. Item 103 dictates the type action required and identifies the basic intent of the TSR. Once the basic TSR is issued, it may be amended to modify the initial TSR or any amendments issued previously under the same basic TSR number. At no time can the initial intent of the TSR be changed. This means if the initial TSR is issued to change the circuit, and item 103 reflects CHANGE, additional TSR amendments cannot deviate from the original intent of the TSR; e.g., the circuit cannot be discontinued. In this example, the TCO must issue a CANCEL TSR for the basic TSR and then issue a new TSR with the correct intent. CANCEL TSR's will have the alpha character "Z" following the TSR number.

e. TSR's for rehomes, changes to circuits, and amendments to TSR's will be forwarded in the same manner as the initial TSR. (See paragraph 4 of this chapter.) Changes and TSR amendments are defined as follows:

(1) A TSR amendment is a modification to a TSR. It can be submitted only prior to implementation of the service requested in the basic TSR (i.e., before an in-effect/exception report has been submitted). As an example, a TSR amendment can be submitted even though the Telecommunications Service Order (TSO) has been issued, provided the service requested in the initial TSR has not yet been provided. A TSR amendment is identified by adding a letter suffix (i.e., "A" through "Y") to the basic TSR number and the words "AMEND TSR" in item 103. Reference basic TSR and previous amendment date-time-group in message. Include CCSD in item 107 if known. To rescind a previously issued amendment, item 103 will reflect "AMEND TSR" and the next sequential TSR number amendment suffix will be used.

(2) A change is a modification to an existing service or circuit configuration. Any modification of an existing circuit or service that has been accepted for use (in effect) must be submitted as a change TSR. A change is identified by a new TSR number. It is imperative that item 107 (CCSD) and

item 116 (CSA number) be filled in to identify existing service. TSP changes must be submitted to NCS IAW chapter 4, paragraph 3f. All changes to leased service must be within the terms and conditions of the existing contract. If not, separate discontinue/start or reaward TSR's must be issued.

f. Because of computer program restrictions, no preamble or introductory information appearing prior to item 101 can be processed; narrative or descriptive information should be submitted in the appropriate TSR item. The number of lines adjacent to each unformatted item number is not meant to be restrictive. However, narrative should be as brief and concise as practicable. Each line of narrative, after the first, must start with an alphabetic character.

g. When options are available on the TSR worksheet, use the applicable option. If a unique service is required and not identified as an option, explain the unique requirement by narrative in item 417.

h. Only one character or symbol can be entered in a block on the TSR worksheet.

i. All TSR's submitted to a DISA action agency will be unclassified. If classified information is required to describe a requirement, the classified portion will be forwarded under separate cover, classified accordingly. The TSR item to which the information pertains will indicate "ADDITIONAL INFORMATION PROVIDED UNDER SEPARATE COVER." See chapter 1, paragraph 4h, for additional information.

j. Each service action must be submitted as a separate TSR and be identified by a separate TSR number. However, for transmission purposes, TSR's are categorized as single or multiple related. A single TSR is one which is contained in a single message. Multiple-related TSR's are groups of TSR's which are similar with the majority of TSR items identical; e.g., locations, type service, etc. Such TSR's may be submitted in a single message as a multiple TSR. Multiple TSR's must be for the same type of action; e.g. all starts, all discontinues, etc.

k. The subject line of the TSR message must contain either:

- (1) Telecommunications Service Request (for a single TSR).
- (2) Multiple TSR (for several related TSR's in one message).

1. When a multiple TSR is submitted, the first TSR must be complete. Second and subsequent TSR's need contain only that information which differs from the first TSR in the message. Computer techniques will prepare a complete TSR; therefore, if the item was stated in the first TSR and omitted in the second TSR, the computer will consider it as being required. If the item is stated in the first TSR and is not desired in the second TSR, enter the exact paragraph number and state not applicable; e.g., "116. NA." If the information for an item differs from that in the first TSR, simply list the item number and the new information. This is not additive information, but a complete replacement for information previously provided in the basic TSR.

m. To amplify submission instructions, examples of messages containing TSR's are shown in supplements 4, 5, and 6. Note that the subject of the message is precise and is preceded by the word "SUBJ" for computer recognition. Also note that each item is also precise; e.g., "103. START," consisting of the item number, a period, one space, followed by data. Note also that all item numbers are left justified or aligned on the left margin of the message.

n. TCO's will submit a discontinue TSR when service is no longer required. When the contract expires and no further TSR activity has been generated by the TCO in response to DECCO expiring contract notifications, DECCO will contact the appropriate TCO Director/Commander to obtain approval to issue DECCO-initiated discontinue notices.

4. Transmission of TSR's. TSR's will be transmitted in the following ways:

a. Electrical Message. TSR(E) or the worksheet contained in supplement 7, are designed as aids in the preparation of TSR messages. DISA's in-house computer processing programs have been designed to react to electrical message TSR input; therefore, this is the preferred method of receiving TSR's. TSR's received in any other manner require manual processing with a possible delay in the processing cycle. When preparing the TSR worksheet, complete only those items appearing to the left of the center line which are essential to define the required service. All item numbers must be left justified (aligned along the left margin) with a length not to exceed 69 characters. The TSR message may be transmitted over AUTODIN in language media format (LMF) or tape-to-tape (TT), card-to-tape (CT), or card-to-card (CC). This method of transmission will cause the TSR to be entered directly into DISA and DECCO computers and, therefore, will cause the least amount of delay in processing.

b. Mail. The TSR may be prepared in the prescribed format and mailed under the following circumstances:

- (1) During periods when MINIMIZE has been imposed.
- (2) When lengthy statements of work (SOW's), technical or performance specifications, or narrative descriptions must be included.
- (3) When the TCO has no access to record type communication services.

c. Addresses for TSR's. Addresses for DISA action agencies to which TSR's should be addressed follow. Enter these addresses as shown below on message forms. Content Indicator Code (CIC) "DJBT" must be entered in the CIC block of DD form 173 to route the TSR to the proper computer system. (Messages other than TSR/TSO/CRP formatted traffic will not process properly if sent to these addressees.)

DISA TSR-TSO-CRP TRAFFIC WASHINGTON DC

DISA TMSO TSR-TSO-CRP TRAFFIC SCOTT AFB IL

DISA EUR TSR-TSO-CRP TRAFFIC VAIHINGEN GE

DISA PAC TSR-TSO-CRP TRAFFIC WHEELER AFB HI

d. Telephone. If the requirement is so urgent that none of the above methods suffices, the TSR may be transmitted by telephone. However, record confirmation must follow immediately (within 48 hours) by electrical message. The message must reference the fact that the requirement was processed by telephone and must contain justification for urgent processing.

5. Detailed Instructions For Preparing TSR Worksheet.

a. General Technical Information. For correlation of related but different information elements, some individual TSR items are subparagraphed, using alpha characters to identify the subparagraphs; e.g. 415A. In these cases the subparagraph identifier should be entered in the TSR immediately following the applicable TSR item number and should be followed immediately by a period. (See item 415 for an example.) In other cases, the alpha character is used to associate information pertaining to a given location with other information about the same location. Information to be correlated with a given location is as described in the paragraph preceding item 120.

<u>ITEM</u>	<u>DESCRIPTION</u>
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101.	<p><u>TSR Number</u>. Telecommunications Service Request numbers are assigned by the Telecommunications Certification Office. Only valid two-character TCO identifiers from chapter 1, table 1, will be accepted and recognized. Complete 13-character packed (no spaces) TSR numbers will be used to identify TCO, date, and serial number of the TSR; e.g., AA21MAR920042. The words "Emergency," "Emergency NS/EP," "Essential NS/EP," or "Urgent" must be added one space after the end of the TSR number, if appropriate (see glossary for definitions). TSR serial numbers will be set back to 0001 annually to coincide with the fiscal year; e.g., XX01OCT920001 is the first TSR issued by TCO XX for fiscal year 1993.</p>
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Suffix. The last block of this item will be used to add a sequential suffix letter to designate TSR amendments ("A" through "Y") or cancellations ("Z") to the basic TSR request. A "Z" suffix will only be used to cancel the TSR in its entirety in cases where the requested service has not been in-effected (or accepted with exception) by the user (government). To rescind a previously issued amendment, use the next sequential amend suffix. Cancel TSR's cannot be amended or rescinded; a new TSR must be issued.

NOTE. The TSR number of the submitting TCO will be entered in item 101 and will be used as the primary control number until a CCSD is assigned. This TSR number will be carried forward to TSO paragraph 2N and to the DISA data base. Feeder TSR or RFS numbers will be carried forward to TSR item 514.

TSP Service Information. In addition to TSR items 101, 102, 103, 105, 106A/B, 107, 116, 117, 120A-125A (120B-125B, if applicable), 130A (130B), 131A (131B), 401, and 402, 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 information in chapter 2, paragraph 9; chapter 3, paragraph 5g; chapter 4, paragraph 3f; supplement 11; and references 4h and 4p for information concerning the TSP System. This Circular presents a description of the TSR item numbers required for a TSP Request. It does not duplicate all of the information contained in references 4f and 4p. Federal agencies sponsoring a TSP Request for non-Federal users should also refer to references 4h and 4p.

102. NCS Assigned TSP Authorization Code. If the NCS has previously assigned a TSP Authorization Code for this service, cite the code in this item. If no TSP has been assigned, omit this item.
103. Type Action. If TSR is for new service, specify START. If it is a request to deactivate an entire circuit or completely discontinue a service, specify DISCONTINUE (also refer to item 428). If it is a request for changing an existing service or circuit; e.g., TSP, subscriber and terminals, segment of multipoint circuit equipment contract, signaling, etc., specify CHANGE. Changes to leased service must be within the terms and conditions of the existing contract. If the change involves disconnecting or moving a DCS subscriber access line from one location to another on a Government system or the DSN/AUTOVON and AUTODIN system, specify REHOME. If request is for information or planning purposes, state DEVELOPMENTAL. If the start and discontinue dates are both identified and the in-service time will not exceed 90 days, specify TEMPORARY (all other services are considered permanent and require a start and disconnect TSR). If a previously submitted TSR (where the requested service has not been in-effected by the government) is being amended or canceled, specify AMEND TSR or CANCEL TSR and update the sequential TSR suffix in item 101 (NOTE: To rescind a previously issued amendment, specify "AMEND TSR" and use the next sequential TSR number Amendment suffix ("A" through "Y")). If TSR is for reaward of an existing leased service, circle REAWARD. See Chapter 2, paragraph 2k and 2n through 2p for additional information.
104. Type of Leased Service. When the TSR includes a requirement for leased service, specify the type of service being requested as shown below:
- | | |
|-------------------------------|--|
| CIRCUIT ONLY
SINGLE VENDOR | A 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. |
| EQUIP ONLY
SINGLE VENDOR | A 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 \$25,000, total contract cost, will require the submission of a Performance Specification (PS) and/or Statement of Work (SOW). Maintenance for the equipment will be acquired by DECCO, if requested, for the initial contract period, including any option years.

CIRCUIT AND
EQUIPMENT
SINGLE VENDOR

A 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, for the initial contract period, including any option years.

SYSTEM
SINGLE VENDOR

A 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
EQUIPMENT
SEPARATE
VENDORS

A requirement for circuit and equipment. When such service is acquired by DECCO, it will be split procured using separate contracts (e.g., one with a circuit vendor and the other(s) with one or more equipment vendors, as appropriate). Equipment that is estimated to cost over \$25,000, 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 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 PURCHASED
EQUIPMENT

A 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 (\$25,000). Specify the type of maintenance required in TSR item 442.

105. Network Requirements. Indicate the network to which the TSR applies, whether dedicated, DISN, AUTODIN, PSN, PDN, In-Direct AUTODIN (AMPE Tributary), DDN, In-Direct DDN, DSN, DCTN, AUTOVON, Red Switch Network (RSN), AUTOSEVOCOM, or FTS2000. This item is required when the purpose of the TSR is to identify new circuit requirements or changes to existing circuits. Do not use this item unless actions to circuits are involved. This item must be submitted if "Circuit Only" or "Circuit and Equipment" was indicated in item 104.
- 106A. Operational Service Date. State the user's requested operational service date by day, Greenwich meantime, month, and year. Use generally accepted three-letter abbreviations for month (APR, JUL) and last two digits for year (92, 93); e.g., 151200Z JUL 92. See tables 12, 13, 14, and 15 for prescribed leadtimes and chapter 1, paragraph 4d for additional service date information. For DDN service, see chapter 4, paragraph 4j for additional information.
- 106B. Requested Commercial/GFE Service Date. If applicable, state the TCO requested leased/GFE service date, (even if the same as 106A), by day, Greenwich meantime, month, and year. This date indicates the service date that the vendor (s) or Government must meet in order to satisfy the user's operational service date shown in TSR item number 106A. Use generally accepted three-letter abbreviations for month (JAN, FEB, MAR, etc.) and last two digits for year (92, 93); e.g., 151200Z JUL 92. New circuits should be started on Mondays, and circuits should be discontinued on Fridays (holidays excepted) whenever possible. Also see chapter 1, paragraph 4d and chapter 4, paragraph 3h. See tables 12, 13, 14, and 15 for prescribed leadtimes. For DDN service, see chapter 4, paragraph 4j for additional information.
107. CCSD or Trunk ID. This item applies when a CCSD or trunk ID is assigned. Provide all eight characters of the CCSD or all six characters of the trunk ID. On Start/Temporary TSR's, the TCO may provide the first four characters of the CCSD. All codes must be assigned in accordance with chapter 14 of reference 4b. For equipment-only TSR's, if known, enter the CCSD or trunk ID of the circuit or trunk which the equipment is used to support.
108. Purpose and Use (P/U) Code. Enter the applicable two-character DCS P/U code from reference 4b, chapter 14, if a CCSD has not been assigned or if the existing P/U code is to be changed.

109. DCS Tech Schedule Item Number. If appropriate, enter the DCS item number from chapter 1, table 2. (See chapter 1, paragraph 5c.)
110. Type Operation. Circle one of the following. If type of operation is not shown, enter as narrative information. "(N)" refers to nonmirror image routings. (The term "nonmirror image circuit" refers to a two-way circuit when at least one pathway facility traversed by the circuit in one direction is different from those paths traversed in the opposite direction.)
- Full Duplex
 - Half Duplex
 - Multiplex S/R
 - Multiplex R/O
 - Half Duplex R/O
 - Full Duplex (N)
 - Half Duplex (N)
 - Multiplex S/R (N)
111. Modulation Rate.
- (1) The rate at which the circuit will operate will be entered in this item. Entries will be in the form (e.g., 1.2KB for 1200 bits per second, etc.), shown in rate list located in chapter 9 of reference 4b.
 - (2) If alternate voice/record service is requested, indicate actual modulation rate of the record service in bits per second (BS).
 - (3) AUTODIN Service Modulation Rate: Although AUTODIN offers access line service up to 4.8KB, 1.2KB is the highest data rate obtainable via satellite path due to the effect propagation has on the Mode I AUTODIN protocol. (The only exceptions to this are AUTODIN Inter-switch Trunks (IST's) which use an AUTODIN Satellite Compensation Device specifically designed for termination of an IST between AUTODIN Switching Centers (ASC's) and the Tactical AUTODIN Satellite Compensation Interface Devices which were designed to interface with the TYC-39 Mode VI protocol.)
112. Service Availability. The following items are used to indicate when or how the circuit is to be made available for the designated user. Item 112 will reflect the service availability assigned to the route of the circuit requested by the TSR. Specify the

appropriate option, or write entry in short form as shown in brackets below. If no brackets are indicated, write entry as shown. (Note: Service availability for AUTODIN subscriber access lines will reflect "Full Period" regardless of actual hours of communication center operation.) Separate individual TSR's must be issued to modify separate routes that are identified by different service availability codes assigned to a particular circuit.

Full Period. The requested service will be available full time.

Time Shared. Will be used alternately by all terminals on a time-shared basis.

6 Hours Less (6 HRS/LESS). Requested service will be used 6 hours per day or less.

6/12 Hours (6/12 HRS). Requested service will be used between and 12 hours per day.

12/18 Hours (12/18 HRS). Requested service will be used between 12 and 18 hours per day. More than 18 hours will be considered full period.

On-Call. Circuits which are called up on request of the user through a DCS technical control or called up directly by the user. (A lease associated with an oncall circuit is a full-period lease.)

Second On-Call (2ND On-Call). A second oncall route in addition to original oncall route. Use of this option allows for clarification of which segment/path is being called up to service.

Programed Preempt (PRG PRE-EMPT). First priority level. Online preemption equipment automatically preempts the primary circuit.

Second Preempt (2ND PRE-EMPT). Online preemption but extended to second priority level only.

Third Preempt (3RD PRE-EMPT). Same as above but on a third priority level.

Second Allocated Path (SECOND PATH). A second path is used to provide simultaneous service for the corresponding full-period path.

Programed Reroute (PROG RERTE). A reroute path for an existing circuit. The routing of a circuit and its programed reroute must differ in at least one segment.

Reserved Commercial (RSVD COMMCL). A leased service which is not available until a CSA is issued.

Frequency Shared (FREQ SHARED). Sharing the same frequency spectrum, as in Frequency Division Multiplex. May be either full- or part-time.

DSCS Scheduled (DSCS/SCHED). Available as scheduled by the Hq DISA military satellite communications control facility.

SW NTWK RSL. DCS Switched Network access line contingency preplanned restoral circuit (activated only when the normal serving switch is inoperative).

Contgncy RQR. Contingency requirement; activation in accordance with appropriate OPLAN.

On-Call Hot Standby (Hot Standby). Activated by call-up from either trunk terminal. Trunk terminal equipment is maintained in a ready condition.

SPDPATH. Special purpose DSCS Path.

TEMP-EXEC. Temporary/Exercise circuit (circuit must contain both a start and discontinue date; discontinue date must be set for automatic deletion on the date indicated).

113. Callup Authority. (Required when response to item 112 is oncall, second oncall, or contingency.) List position (Ops Officer, Comm Watch Off, Base Comm Off, etc.) and activity (CINCPAC, CINCPACFLT, etc.) that has authority to call up the circuit.
114. If Temporary, Deactivation Date. Applicable only if the requested service is temporary and the deactivation date is known. Post the blocks in the same manner as outlined in item 106. (See definition of temporary service in glossary.)
115. Signaling Mode. This item identifies the mode of signaling used between the user terminals of the circuits being described. Circle one of the following options. The items in parentheses are for explanatory purposes only. If TSR is for a trunk/circuit package system, enter the bandwidth or bit rate in HZ, KH, MH, GHZ, BS, KB, or MB. Explain in item 417 if no code exists.
- 1 WAY DIAL
 - 1 WAY RDN (Ringdown)
 - 1 WAY VOICE
 - 1 WAY MF (One-way Multifrequency)
 - 2 WAY DIAL
 - 2 WAY VOICE
 - 2 WAY RDN (Ringdown)
 - 2 WAY MF (Two-way Multifrequency)
 - OH TONE ON (Offhook, Tone On While Idle)
 - OH TONE OFF (Offhook, Tone Off While Idle)
 - AUTO SUP PBX (Automatic Supervision PBX)

DTMF (Dual Tone Multifrequency)
 1 WD/1 WA (One-way Dial, One-Way Automatic)
 1 WD/1WRDN (One-way Dial, One-Way Ringdown)
 SEL SIG SS1 (Selective Signaling, Type SS1)
 SEL SIG SS4 (Selective Signaling, Type SS4)
 1 WDTMF/1 WA (One-way Dual Tone Multifrequency,
 One-Way Automatic)
 1 WV/1 WRDN (One-way Voice, One-way Ringdown)
 2 WAY AUTO (Two-way Automatic)
 1 WRDN/1 WA (One-way Ringdown, One-way Automatic)
 1 WV/1 WD (One-way Voice, One-way Dial)
 DPDT (Dial Pulse and Dual Tone)
 DFSU (Dual Frequency Signaling Unit)
 NO SIGNALING
 CCS (Common Channel Signaling)
 1 WD/1 WDPDT (One-way Dial, One-way Dial Pulse or
 Dual Tone) (For DSN only)
 1 WDP/1 WDTMF (One-way Dial Pulse/One-way Dual Tone
 Multifrequency)
 1 WDP (One-way Dial Pulse)
 1 WAY AUTO (One-way Automatic)
 2 WAY DP (Two-way Dial Pulse)

116. Communications Service Authorization (CSA) (CCCI/DBOF-CISA/ALLA Number(s)). If item 103 is for change or discontinuance, provide the Commercial Communications Circuit Identifier (CCCI)/Communications Service Authorization (CSA), Defense Business Operations Fund-Communications Information Services Activity (DBOF-CISA), and/or the Allied Long Lines (ALLA) number. This item is required when leased, industrially funded, or ALLA equipment-only requirements or leased circuit segments are involved. If more than one CCCI is involved; e.g., a leased circuit and two or more items of leased equipment, list the CCCI for the circuit segment here and list the equipment CCCI's in item 438. If the number pertains to DBOF-CISA multiplex numbers, enter in its entirety only the number which is to be discontinued. If a particular DBOF-CISA channel is to be discontinued, enter the entire DBOF-CISA identifier including the suffix; e.g., DECCO 10647012. Do not enter DBOF-CISA base number only unless the entire trunk is being discontinued. List CSA in Item 438 for any leased modems that extended the circuit from the DBOF-CISA trunk. If a new lease is required, insert the words "NEW LEASE." If the service is split billed, list the basic provisioning/maintenance CSA number here and list all billing CSA numbers associated with the service in item 439. Split billing CSA numbers can be obtained from Inventory of Service (IOS) reports and SAM's provided by DECCO.
117. PDC. The program designator code must be included for all services to be leased or purchased through DECCO or DECCO activities and for services which come under the DBOF-CISA. The four-character PDC will be extracted from the DECCO listing for program designator codes and entered in the first four of the six blanks provided.

The fifth and sixth characters have been made available for internal identification requirements of the MILDEPS; i.e., subcommand code. The fifth and sixth characters may be blank. When submitting a TSR citing the PDC of another department or agency, include the approval authority in item 510 and provide a copy of the TSR to the funding activity. If the TSR is to change or discontinue a circuit currently using U.K. Defense Telegraph Network (DTN) channels in the United Kingdom, enter the PDC for the existing circuit in character positions 6 through 11, followed by a slash (/) in position 12. After the slash enter the PDC that is to be applied to the DTN channels made spare by this action.

118. Overtime or Expediting Charges. Specify appropriate action. Enter the maximum amount of overtime or expediting charges to be authorized for the contractor. This item must be submitted for all TSR type actions, except DISCONNECTS, which do not provide the service leadtimes as stated in Tables 12, 13, 14, and 15. If the TSR requests Emergency NS/EP procedures be implemented, service will be implemented without regard to cost, and the word "UNLIMITED" will appear in this item instead of an actual dollar figure. (See chapter 1, paragraph 4d(1).)

Diverse/Avoidance. If the requested circuit must be routed diversely from an existing circuit or circuits, or routed to avoid specific types of transmission media, networks, or critical junctions and metropolitan areas, provide the following information:

- 119A. Provide the circuit number (last four characters of the CCSD) of up to three existing circuits.
- 119B. Provide the CSA number (or commercial number if non-DECCO lease) of up to three existing circuits. List in the same sequential order as the circuit numbers above if both CSA and CCSD circuit numbers are involved.
- 119C. Provide the GEOLOCO and State/Country code of up to three locations to be avoided.
- 119D. Transmission media to be avoided: Specify YES or NO. If YES is shown, enter up to three different transmission media that the requested circuit must avoid. Use plain language descriptions of transmission media listed in reference 4b, chapter 58. If the media to be avoided are not defined in the referenced chapter, enter a description of the media; e.g., "ALL SATELLITE", to avoid all satellite links, leased and government owned. Separate each media by a comma. If "Satellite" is listed as one of the transmission media to be avoided, ensure that the objections are completely substantiated in TSR Item 408., Objections to Satellite Service, to include all valid technical reasons/parameters.

- 119E. Networks to be avoided: If applicable, enter specific DCS network(s) to be avoided (up to a maximum of three networks), using appropriate acronym (e.g., DISN). Separate each entry by a slash.

Terminal/End User Information. Items 120A through 131A describe only one terminal user. Identify this user by annotating the item numbers with the suffix "A" as 120A, 121A, 122A, etc. For a second user, use additional worksheets with the pertinent items annotated as 120B, 121B, 122B, etc. To identify more than two users (multipoint service), annotate each subsequent user sheet as C, D, E, etc. TSR's will identify user with suffix A, B, C, etc. Terminal/end user information will be provided for all types of actions (ref TSR item 103). Amendments to TSR's will identify the items requiring amendment as they were identified in the TSR being amended.

- 120_. Terminal/End User/Switch/Node Location. Enter geographical location of user, using contracted GEOLOCO from DISAC 310-65-1, chapter 33. If the START/TEMPORARY TSR pertains to AUTODIN, DDN, or DSN/DCTN/AUTOVON access line requirements, item 120B should state "DISA to determine" unless there is special requirement for diverse routing, dual or split homing, an additional line to an existing hunt group, or offhook user information. If half duplex R/O or multipt R/O is entered in item 110, the send user must be entered in TSR item 120A. (See reference 4b, chapter 33, paragraph 3, for procedures for requesting entry of location names in the DISA GEOLOCO file. See paragraph 4, same Circular and chapter, for rules governing contraction of location names to eight characters.)
- 121_. State/Country Code. Enter appropriate numeric code for States or alpha country code of user from reference 4b, chapter 33.
- 122_. Area Code. Enter appropriate DCS geographical area or subarea code for area of user from reference 4b, chapter 33. If service is wholly within CONUS, enter the subarea code. If the service is from a CONUS location to an overseas location, or between overseas locations, enter the area code.
- 123_. Facility Code. Enter the recommended facility code from reference 4b, chapter 23, as pertains to the type or function of the user. Use the same code for circuits which terminate in the same facility at a location.
- 124_. Address/Directions to Site. Specify building number. If unnumbered, identify by use; e.g., operations building, hangar, command bunker, highway intersection, latitude and longitude coordinates. For locations on a post, camp, station, or base, cite the building and street (if applicable). For commercial locations with no building number, use street name and number to include city, state, and zip code; e.g., 7518 Care Street, Woodbridge, Virginia 22191. Do not submit a P.O. Box number.

- 125_. Room Number. Room or area within building where user equipment 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, etc., followed by letters "FL."
- 126_. Terminal Equipment. Provide type of terminal equipment, including options, at each user location. If military, use standard JAN nomenclature. If commercial, provide make and model number. Submit this item even if user terminal equipment is being obtained by a means other than this TSR. (59-character limit per line.)
- 127_. Cryptoequipment. Enter type of cryptographic equipment to be used at user location. Use full classification nomenclature. Do not use security equipment codes listed in classified supplement to reference 4b. If no cryptographic equipment is used on the circuit, enter the word "unsecure" on this line. If the identification of specific cryptoequipment (in association with other TSR items/addressees) would cause the TSR to be classified, enter the word "secured" in lieu of entering actual equipment nomenclature.
- 128_. Interface. Describe the user's interface requirements. Do not include subparagraph designator, only the item number and location letters. (59-character limit per line.)
- (1) For voice, facsimile, non-DDN 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 DISA action agency will specify the levels as part of the normal engineering process (if applicable).
 - (2) For teletypewriter circuits, specify the current level and mode of operation (20 mA polar, 60 mA neutral, etc.) required at the user facility.
 - (3) For circuits with signaling specified in item 115, identify the type of signaling equipment at the user terminal. Specify dial pulse characteristic or other special tests that may be required. Specify whether the signaling equipment is GFE or is to be vendor provided.
 - (4) For digital service include the following:
 - (a) Type modem with manufacturer's name and model number and state whether it is to be leased or GFE. If modem is GFE, provide mark/space frequency or center frequency (crossover frequency).
 - (b) Circuit timing; i.e., synchronous, asynchronous, or isochronous.

- (c) Type of physical and electrical interface requirements; e.g. RS-232C, RS-422, RS-423, CCITT V.24, MIL-STD-188.
- (d) Include the following items, if appropriate: whether transmit timing is internal or external and whether it is slaved to the receive timing; whether elastic store is permissible or not; whether continuous carrier is permissible or not; maximum allowable round-trip delay in milliseconds; strapping options required; function options of the MODEM test modes required to be operational, impedance, transmit level, minimum and maximum receive signal levels; control signals which may be external to the information bit stream; levels of control signals if different from the information bit stream; any other items felt necessary to explain the operational requirements and interface parameters. Enter bit error rate requirements, if applicable, in item 426.
- (5) Specify nomenclature of line interface equipment if other than the termination of crypto equipment.

129_. Termination. Circle the appropriate number.

130_. User/Technical Points of Contact. Furnish name, telephone number, and office code of a primary and alternate person at each terminal location who is familiar with both the technical and user details of the requirement. Provide complete DSN/AUTOVON, local/military, and commercial phone numbers, including area codes.

131_. Mail Address. Provide the complete mailing address of each user contact; e.g., Mr. John Smith, Nassif Building, 4500 Columbia Pike, Arlington, VA 22041.

User to DCS or Commercial Interface Information. Items 132 through 137 describe non-DCS interconnecting facilities from the subscriber or user on the "A" end of the circuit to the first DCS facility or commercial interface point, and from the last DCS facility or commercial interface point to the subscriber or user on the "B," "C," "D," etc., end of the circuit. Correlate the interconnecting facility with the subscriber listed in item 120 by using the same letter suffix. If there are two or more segments or locations involved in the interconnecting facilities, use the numeral 1 for the first, numeral 2 for the second, etc., following the correlating letter suffix; e.g., 132A1, 133A1, 134A1, 132A2, etc. If there are no non-DCS facilities interconnecting the user with the DCS interface point or if the service is to be leased end to end with no non-DCS interconnecting facilities, items 132 through 137 are not required. If facilities are to be leased between a user and a DCS facility interface point, complete items 132 through 137 as required. Refer to chapter 3, figure 3, to understand the following example: A hypothetical situation is a typical TSR with a user on one end connected through DCS Government-owned transmission media to a user on the other end of the circuit, using non-DCS media on base cable systems to interconnect the DCS

facility interface points at technical control facilities and the users. User A is ANDREWS ABC and user B is CROUGHTON DEF. Item 132A1 would be the GELOCO and Facility Code for user A repeated from items 120A and 123A; i.e., ANDREWS ABC. Items 133A1 through 137A1 would be completed to describe the interconnecting facility. Item 132A2 would identify the DCS facility by GELOCO and Facility Code, to which the user is being connected; e.g., ANDREWS TCF. At the other end, item 132B1 would identify the serving DCS facility by GELOCO and Facility Code; e.g., CROUGHTON TCF. Items 133B1 through 137B1 would be completed to describe the interconnecting facility from CROUGHTON TCF up to CROUGHTON MDF. Item 132B2 would contain CROUGHTON MDF, and items 133B2 through 137B2 would be completed to describe the interconnecting facility up to user B. Item 132B3 would be the same GELOCO and Facility Code repeated from items 120B and 123B; i.e., CROUGHTON DEF. Facilities interconnecting the VAIHINGN TCG and user C would be described in a similar manner.

- 132_ _ . Facility Location and Code. Enter the contracted GELOCO and Facility Code (from reference 4b) of the facility which is being interconnected by non-DCS media. The formatted GELOCO and Facility Code will be followed by narrative data to include building number, room number, and contact phone number at that facility.
- 133_ _ . Type Media. Select and enter the appropriate code from reference 4b, chapter 58.
- 134_ _ . Local Designator. Provide local designator of transmission media; e.g., local cable 102.
- 135_ _ . Facility Description. State length of segment in miles and feet (feet only if distance is under 1 mile). If cable or open wire, provide gauge and loading data. If microwave, tropo, or VFCT, provide equipment nomenclature and 1004 Hz test tone levels or current level and mode of operation required at both ends of the segments.
- 136_ _ . Operating Agency. Identify operating agency (Army, Navy, AF, FAA, etc.).
- 137_ _ . Loss. Provide 1004 Hz transmission loss as expressed in dBm.
- 138_ _ . Host Nation Cross-Reference Circuit ID. If the requested circuit is to traverse Host Nation systems between the user and the DCS interface, enter the Host Nation's circuit ID number in this item; otherwise, the item is not required in the TSR. If Host Nation system routing is to be used between DCS interface and the distant DCS interface, the responsible DISA action activity will obtain the host nation number and include it in the applicable TSO paragraph 3. Each host nation cross-reference circuit ID number is a combination of data elements contained in a fifteen-character alphanumeric sequence. The first three characters (which must be alpha characters) should be selected from the following table of agency/system codes. Remaining twelve characters will be alphanumeric (all 12 characters are not required).

<u>CODE</u>	<u>MEANING</u>
GAF	GERMAN AIR FORCE
NIC	NICS CIRCUIT NUMBER
NCN	NATO CIRCUIT NUMBER
ITS	ITALIAN TRI-SERVICE SYSTEM
BMC	BELGIUM MILITARY COMMUNICATIONS
STR	STATIC RADIO RELAY NETWORK (STARRNET)
DUM	DUMMY CROSS REFERENCE ID
CFC	CANADIAN FORCES CIRCUITS

139_. NPA/NXX of Actual Service Location. If leased services in the U.S. are involved, a commercial telephone number at each user terminal is required. The telephone number numbering plan area (NPA) NXX (3-digit designation of NPA and the first 3 digits of the location exchange telephone number) is relied upon by the U.S. telephone industry to determine the serving wire center (SWC) for each particular customer premises on a requirement. The SWC then becomes a pricing point on the required service.

140_. Unit Identification. If appropriate, enter the name of each end-user organization (e.g., 7th Signal Command; 2119CS).

141-150. Unassigned.

151. MSO URDB CONTROL NUMBER. If the TSR is for DSCS Service, enter the Military Satellite Office (MSO) User Requirements Data Base (URDB) control number. The URDB control number consists of 11 character positions. The first eight positions are used to identify the requesting activity; e.g., CINCLANT, DISA, ARMY, NAVY (left justify when eight characters are not needed). The last three positions (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.) Enter "none" if the requirement is urgent and time does not permit obtaining the MSO URDB control number prior to submitting the TSR to DISA. See chapter 4, paragraph 4i, this Circular.

199. Reserved for FAA use only.

b. DSN/DCTN/AUTOVON/AUTOSEVOCOM Service Information.

201. Subscriber Identification. If this requirement is listed in the AUTOSEVOCOM Subscriber and Implementation List, provide the five position JCS sequence number. If not listed, cite other approval authority in item 417. Use only for AUTOSEVOCOM circuits.

202. Subscriber Listing. Items 202-207 are used for the DISA DSN/AUTOVON or AUTOSEVOCOM directory. Identify the subscriber using no more than 36 characters including spaces between words. Do not use punctuation marks. Standard abbreviations are

acceptable. The subscriber listing must be composed with care, since the first word will determine the alphabetical area of the directory in which the listing will appear. (Reference DISAC 310-V70-8.) If the listing is classified, follow procedures specified in chapter 1, paragraph 4h, this Circular.

203. Directory-Class. (Reference DISAC 310-V70-8 and DISAC 310-V50-7.) Circle the appropriate code to indicate if and how DSN/AUTOVON number will be listed in the directory.

L-Listed number to appear in both the Global DSN/AUTOVON Directory and the Global DSN/AUTOVON Operator Bulletin (AOB).

N-Number to appear in the Global DSN/AUTOVON Operator Bulletin (AOB) only.

X-Nonpublished number.

S-AUTOSEVOCOM subscriber.

204. Title. Enter the agency, command, or activity to receive the DSN/AUTOVON Directory.

205. Unit Designation or Attention Line. Insert any information which the subscriber believes will assist in delivery of the Directory to the proper organization.

206. Location. Enter the city, post, or installation name used in general correspondence.

207. State, ZIP Code, APO, FPO. Enter the State or country where addressee is located. Add ZIP code if activity is in United States or APO or FPO number if overseas.

208. Subscriber Rate Code. The subscriber rate code indicates the DBOF-CISA rate involved and is determined by the general type of service provided. Enter the recommended code from chapter 3, table 7. DECCO may change the rate code if it is determined that another rate is more suitable for the requested service.

209. Service Mode. Circle the appropriate code to indicate the service mode required.

Code

Meaning

AX	PBX secure voice homed on other than DSN/DCTN/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.

<u>Code</u>	<u>Meaning</u>
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	Regen.
KR	Four-wire key sys 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 DSN/AUTOVON switch.
PA	PBX routine network in dialing/network out dialing.
PB	PBX routine network in dial/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 routing 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 DSN/AUTOVON switch) routine manual in/manual out.
SO	PBX secure voice (homed on DSN/AUTOVON switch) precedence manual in/manual out.
ST	Four-wire secure voice (narrowband subscriber terminal homed on DSN/AUTOVON switch (NBST-V)) routine in and out.
SY	Four-wire secure voice (narrowband subscriber terminal homed on DSN/AUTOVON switch (NBST-V)) precedence in and out.
TW	Two-wire voice routine in and out.
TZ	Two-wire voice precedence in and out.
VA	Four-wire voice precedence in only.
VB	Four-wire voice send only.
VC	Two-wire voice routine in only.
VD	Two-wire voice precedence in only.

<u>Code</u>	<u>Meaning</u>
VE	Two-wire voice send only.
VN	Four-wire voice offhook.
VO	Four-wire voice verified offhook.
VR	Four-wire one-way in.
VT	Four-wire voice routine in and out.
VV	Bridge (CONUS only).
VY	Four-wire voice precedence in and out.
WB	Four-wire wideband secure voice services.
XX	Track (CONUS only).

210. Unassigned.

211. Unassigned.

212. MCAI. The Maximum Calling Area Indicator (MCAI) prescribes the maximum area that a subscriber can dial directly. Enter the appropriate code from table 6, or enter 99 for one-way service.

213. MCAP. The Maximum Calling Area Precedence (MCAP) is the maximum precedence level at which the subscriber may initiate a call to another station within his maximum calling area. Circle one.

- 0 - Flash Override
- 1 - Flash
- 2 - Immediate
- 3 - Priority
- 4 - Routine
- 7 - Automatic Traffic Controller
- 9 - One-way in

214. Number of Extensions. Specify number of extensions required for DSN/AUTOVON subscriber. This does not include the main instrument. Provide exact location of extensions (building and room number) in item 404.

215. Dual Access. Split homing provides a subscriber access to a second DSN/DCTN/AUTOVON switch by separate access line using more than one telephone number. If this requirement is for split homing, enter the full CCSD of the subscriber's present DSN/DCTN/AUTOVON circuit. Also, the other switch may be identified for the additional access line. Otherwise, facilities will be provided to the nearest available switch.

216. Rotary. When two or more direct subscriber lines are located in the same room or office, they will normally be installed in rotary. If rotary service is desired, specify with what DSN/AUTOVON telephone number, CCCI, or CCSD the requested service is to be placed in rotary.

217. Traffic Data for PBX DSN/DCTN/AUTOVON Access. These data are required when requesting new PBX DSN/DCTN/AUTOVON access. Enter estimated average busy day traffic volume; e.g., traffic volume, daily 100 calls, weekly 700 calls, etc.
218. Unassigned.
219. Line-Load Control. Circle the appropriate code. (Reference 4e is applied by the appropriate DISA area when assigning line-load controls.) The access line will not be assigned line-load control categories lower than the following:
- A - Flash Override
 - B - Flash
 - C - Immediate
 - D - Priority
 - E - All remaining access lines
220. Abbreviated Dialing. Circle YES or NO. If abbreviated dialing privileges are requested, so state and list number affected, if existing, or list names and locations in item 401 if terminating stations are not yet in service.
221. Community of Interest (COI). Specify the community of interest in accordance with chapter 3, table 4. Where no community of interest groups have been identified; e.g., the CONUS area, the table number will be 0.
222. Community of Interest Precedence (COIP). If the precedence level within the community of interest differs from the precedence level within the maximum calling area, circle the applicable precedence level for the community of interest. Circle "5" if there is no community of interest.
223. Outpulsed Digits. In the case of a PBX access line arranged for NID, the number of digits to be outpulsed to the PBX will be stated. Also, the existing or proposed numbering scheme must be made known as a separate attachment to the TSR or included in item 401.
224. Conference Service. State the code from the following table for the type of conference arrangement required, if any, giving name or DSN/AUTOVON telephone numbers, location, and country. (Provide list of conferees in item 507.)
- B - Broadcast Conference Originator CONUS only. (Preset, transmit only to conferees.)
 - C - Conference Only. (Conferees to a preset conference, cannot originate conference.)
 - P - Preset Conference Originator Only.

X - Broadcast or Preset Conference Originator and Conferee.

225. Incoming Preemption. Circle YES or NO to indicate if line is to be equipped for preemption for higher precedence calls. If NO, cite waiver authority in item 503, unless reference 4e compliance is evident for PBX hunt group.
226. In Hunt. Circle YES or NO to indicate if line is in a hunt sequence.
227. Unassigned.
228. AUTOSEVOCOM Equipment Maintenance Agency. Include the Unit Identification Code of the agency responsible for maintenance of the AUTOSEVOCOM terminal equipment.
229. AUTOSEVOCOM Drop Number. Enter the number assigned to the AUTOSEVOCOM subscriber behind an AUTOSEVOCOM switching facility.
230. COMSEC Account Number. Enter the number of the COMSEC account which supports the AUTOSEVOCOM terminal.
231. Type Switch (AUTOSEVOCOM Only). Indicate the type switch to which the AUTOSEVOCOM subscriber will be homed (AUTOVON, FTC-31, SECORD, 758C, 758A, JOSS, NORATS, STN).
232. PAT Table. Indicate the DSN Switch PAT Table (00-15) being affected by this PAT reporting or ordering action.
233. Manufacturer's Name, Model Type PBX or PABX, and Attendant Switchboard. Indicate the manufacturer's name, model number, and type of PBX and PABX and attendant switchboard.
234. Government Owned or Leased. Indicate if PABX is Government owned or leased.
235. Operator Assist Number. Indicate operator assist number to be used.
236. Access Code. Indicate access code to be dialed by users to obtain DSN/DCTN/AUTOVON service.
237. Thousand Levels. Indicate thousand levels used for class A stations and for class C stations that can receive incoming DSN/DCTN/AUTOVON calls.
238. Number of Stations/Telephones and PBX Access Circuits. Indicate number of stations/telephones and PBX access circuits which will have dial access to DSN/DCTN/AUTOVON. For PAT reporting or ordering, this item will indicate the total number of stations/telephones authorized access to the PAT cell defined by the

MCAI/MCAP and the total number of PBX access lines authorized access to the PAT cell defined by the MCAI/MCAP. These two numbers will be separated by a slash (e.g., 40/3).

DSN Usage. If the TSR requests DSN/DCTN service, item 239 may be required:

- 239A. Total Engineered Erlangs. Indicate applicable engineered erlangs associated with requested DSN service.
- 239B. With Internodal Allocation Erlang Subscription (DCTN Only). 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 served by the DCTN.
- 239C. Without Internodal Allocation Erlang Subscription (DCTN Only). Specify the quantity of Erlangs of CONUS destined, routine traffic (carried load) offered by the DCTN end-office to DCTN node that will be routed to locations served by the DSN/AUTOVON. This traffic is switched to the AUTOVON/DSN by the #5ESS at the DCTN node.
- 240. PABX Size. Indicate total number of terminations. For PAT reporting or ordering, this item will reflect the total number of PAT settings for the PDC Code in item 117, upon completion of the TSR action, authorized for the PAT cell defined by the MCAI/MCAP. Number of PAT settings reflected in item 241 will be the same as the number of PAT settings reflected in item 240 when a single PDC Code is being used for the PAT cell addressed by this TSR.
- 241. Switched Services Capacity. Indicate total number of accesses between the user demarcation point at the user location and the DSN/DCTN switch. For PAT reporting or ordering, this item will reflect the total number of PAT settings for all PDC Codes, upon completion of the TSR action, authorized for the PAT cell defined by the MCAI/MCAP. The number of requested PAT setting authorizations should take into consideration the recommended PAT ratios provided by DISA.

c. AUTODIN MSU Service Information.

- 301. Subscriber's Identification Number. If requirement is listed in the DCS AUTODIN Subscriber Access Line Listing (ASALL), provide the subscriber identification number. If the identification number is known and not listed in the ASALL, include it and cite authority in item 401. The ASALL is a DISA publication and contains a consolidated listing of all AUTODIN subscriber and access lines.
- 302. Routing Indicator. 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 in accordance with ACP 121

U.S. Supplement 1F, Chapter 5, Section IV. If assignment of a DSSCS RI is required, a request must be submitted in accordance with DOI 103, Chapter 4, paragraph 405.

303. Channel Code. Indicate if channel coordination will be Mode I, Mode II, or Mode V. Also, indicate if the access line will be connected to a Message Switching Unit (MSU) or Hybrid.

NOTE. Mode II requirements will be evaluated and approved or disapproved by DISA Washington, DC, Code DODM on a case-by-case basis. For standard AUTODIN terminals, Mode II service will normally be provided on an interim basis only, and subscribers should have previously submitted a validated requirement for permanent connection to AUTODIN by Mode V or Mode I access. For contingency and exercise Mode II requirements, evaluation and approval will be made by the appropriate DISA Area when the ASC and the proposed tributary are both within a single DISA Area. If interarea connection is involved, DISA Washington DC, Code DODM will be the approval authority. For AUTODIN Query/Response terminals, Mode II service is acceptable.

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, operating mode will be designated as continuous.)

305. Security Classification.¹ Indicate the highest traffic security level to be handled on GENSER, DSSCS or DSSCS/GENSER requirements.

DSSCS/MM	Secret
DSSCS/GENSER MM/TS	Confidential
Top Secret	Restricted
Top Secret SPECAT SIOP-ESI	EFTO
Top Secret SPECAT Less SIOP-ESI	Unclassified

306. Subscriber Rate Code. The subscriber rate code indicates the DBOF-CISA rate involved and is determined by the general type of service provided. Enter the recommended code from chapter 3, table 8. DECCO may change the rate code if it is determined that another rate is more suitable for the requested service.

¹IAW Joint Staff message DTG 232044Z Nov 84, for Top Secret SPECAT SIOP-ESI (SPECAT A) level requirements, prior Joint Staff approval will be obtained and referenced in all TSR's involving subscriber access lines. (This Joint Staff policy does not apply to interswitch trunks.) Requests to classmark a terminal Top Secret SPECAT SIOP-ESI will contain RI, PLA (for existing circuits), user, and complete justification, and will be submitted by message to JOINT STAFF WASHINGTON DC//J3/J36/STRAT OPS//, INFO DISA WASHINGTON DC//DODM// and USMCEB WASHINGTON DC. Joint Staff approval or disapproval will be sent by message to requester, DISA, and USMCEB for appropriate action.

307. Unassigned.
308. Unassigned.
309. Unassigned.
310. Equipment Codes for ASC Terminations. Indicate terminal input-output language media format (LMF) capability identified in chapter 3, table 10, for CONUS and table 11 for Overseas.
311. Period of Operation. Enter the days and hours during which the subscriber station will operate. Enter hours in local time at the terminal.
312. MERL Numbers. Enter any appropriate Master Equipment Reference List (MERL) numbers.

Altroute Information. The TCO/AVO is responsible for ensuring that traffic altroutes are established in accordance with reference 4k (DISA OPLAN 1-84). Subscribers are encouraged to establish traffic altroutes for the alternate delivery of message traffic in the event of a communications service interruption. At a minimum, it is recommended that altroute instructions be provided for immediate and higher precedence traffic, preferable a phase II. If no traffic altroute is required, item 417 should state "No traffic altroute required". If action is ongoing to establish an alternate delivery station, but final coordination/approval has not been completed, item 417 should state "Traffic altroute instructions forthcoming under separate correspondence".

313. RI for Narrative. Enter routing indicator of subscriber station to which narrative traffic will be altrouted in Phases I, II, and III.
314. RI for Data. Enter routing indicator of subscriber station to which data (card) traffic will be altrouted in Phases I, II, and III.
315. RI for Mag Tape. Enter routing indicator of subscriber station to which mag tape traffic will be altrouted in Phases I, II, and III.

Altroute Time. The following describes purposes of the four category blocks:

Category I used for Flash and higher precedence traffic.

Category II used for Immediate precedence traffic.

Category III used for Priority precedence traffic.

Category IV used for Routine precedence traffic.

Altroute Criteria. Traffic altroute will be implemented when the time specified by the TCO/AVO has elapsed. Separate time criteria will be established for each precedence category. Specific information on AUTODIN ASC program traffic altroute capabilities are contained in reference 4k (DISA

OPLAN 1-84). Enter one of the following codes (describing when the above types of precedence traffic should be altrouted) into the four category blocks. Precedence Category I may be assigned only time criteria "0" or "Q."

- 0 - Altroute action within the first hour of ASC failure. Time of implementation will be based on traffic conditions and directed by the Area DISA AUTODIN Controller; Category I traffic will be altrouted as soon as possible upon direction of the Area DISA AUTODIN Controller. Subscriber failures: If Phase I, altroute at time of failure; if Phase II, coordinate with Area DISA AUTODIN Controller.
 - 3 - Normally altroute after 3 hours of ASC failure at the direction of the Area DISA AUTODIN Controller. Subscriber failure: If Phase I, altroute after 3 hours of outage; if Phase II, coordinate with Area DISA AUTODIN Controller 3 hours after start of outage.
 - 8 - Initiate Phase III restoral after a 3-hour outage at the direction of the Area DISA AUTODIN Controller.
 - N - No altroute.
 - Q - Altroute action after traffic queues. AUTODIN subscriber failures only. For ASC failures, "Q" equates to "0." It is recommended that these time criteria be specified for part-time AUTODIN subscriber closed-period altroutes.
316. Narrative Altroute Time. Enter appropriate code in accordance with preceding instructions on altroute time and criteria.
317. Data Altroute Time. Enter appropriate code in accordance with preceding instructions on altroute time and criteria.
318. Mag Tape Altroute Time. Enter appropriate code in accordance with preceding instructions on altroute time and criteria.
319. Highest Security Level for Narrative.² Circle the highest security level of narrative card traffic that is to be altrouted.
320. Highest Security Level for Data.² Circle the highest security level of data traffic that can be altrouted.
321. Highest Security Level of Mag Tape.² Circle the highest security level of mag tape traffic that can be altrouted.

²Entry is limited to 8 characters. Abbreviate "SPECAT SIOP-ESI" as "SCSIESI" and "SPECAT LESS SIOP-ESI" as "SCLSIESI."

Dual Access Homed Information.

322. CCSD of Present DIN Circuit. Dual access provides a subscriber access to a second AUTODIN switch in addition to the switch on which the subscriber is normally terminated. Enter the full CCSD of the subscriber's present AUTODIN circuit.
323. Type Terminal. Circle one of the following:
- One Set. Subscriber will have one set of terminal equipment which will be switched from normal circuit to dual access circuit as required. (Only one circuit can be used at any given time, dual access.)
- Two Sets. Subscriber will have two sets of terminal equipment, one for each circuit. (Both circuits used simultaneously, or dual homed.)

Miscellaneous Information.

324. Unassigned.
325. Unassigned.
326. Unassigned.
327. Unassigned.
328. Routing Indicator Capability. Enter the number of routing indicators that the terminal equipment is capable of receiving on individual messages; e.g., 1, 50, or 500.
329. Unassigned.
330. Collective Routing. List any collective Routing Indicators (RI's) which this subscriber should receive.
331. Line Code. Specify the appropriate line code as shown in Supplement 7, TSR Item 331.
332. Message Format. Specify the appropriate format.
333. Platen Size for Page Printer. Receive device characters per line. Specify number of characters that can be printed or displayed on a single line; i.e., 69, 80, 120, 132, etc.
334. Crypto operation. Circle crypto operation as relates to equipment.

Query/Response Service Information. NOTE: The TCO is responsible for ensuring that the AUTODIN Q/R service requirement complies with OASD (C3I) direction for data service. See chapter 4, paragraph 3m, "Submission of TSR's for Data Service other than DDN."

335. Type Q/R Service. Circle appropriate Q/R service.

336. Dual Homed Host. Circle YES or NO.

Query/Response Altroute Information. Dual Homed Host only. Delivery to Q/R "terminal" will not be altrouted/CARPED.

337. RI for Q/R Host Altroute. Enter routing indicator or subscriber to whom Q/R traffic will be altrouted.

338. Q/R Host Altroute Time. Follow instructions given for item 316.

339. Highest Security Level for Q/R Host.³ Circle the highest security level of Q/R traffic that can be altrouted.

Query/Response Terminal Prestored Header at ASC. Used for automatic generation of all originated Q/R message headers unless terminal uses "exception" parameters on a specific query.

General Service Community.

340. Precedence. (Normally specified as Immediate for preferential Q/R handling unless terminal does not require fast response time.)

341. Normal Destination RI. Enter RI of normal destination.

342. Security. Enter security desired for normal query header built by ASC.

343. Content Indicator Code. Enter normal content indicator code.

344. Unassigned.

DSSCS Community. All channel parameters, routing indicators, etc., will be provided to DISA by NSACSS for necessary action. All requests and data should be submitted at least 30 days before the scheduled activation or date required. (NSA DOI 103 applies.)

Routing Indicator Exceptions (Q/R Terminal Only).

345. General Service RI Exceptions. Enter up to five destination RI's in addition to the normal prestored destination RI. (Number of exception RI's specified relates to AUTODIN rates for Q/R service.)

³ See footnote 2.

346. DSSCS Community RI Exceptions. Enter the number of exception RI's required. Actual exception RI's will be specified in accordance with special DSSCS Q/R instructions.

Sequential Delivery Service Information.

347. Sequential Delivery of Multisegment Messages. Circle YES or NO.
(The intended destination subscriber must also be classmarked at the destination AUTODIN switching center to provide this service.)

Cryptographic Keying Materials.

348. Unit to Provide Cryptomaterials.

(1) In all cases where KW-26 cryptodevices are used (both "R" and "Y") for Mode 2 and Mode 5 AUTODIN access in support of mobile, tactical, contingency, exercise, or training mission, the TCO will identify a unit other than the AUTODIN Switching Center (ASC) that will be responsible for providing the cryptographic keying material to both the ASC and the operating unit. This will normally be the unit requiring the service. In addition, the TCO must advise the provider of the COMSEC material to annotate the material transfer documentation as to the purpose and use of the material.

(2) In instances where KG-13 crypto devices are to be used for mobile, tactical contingency exercise or training missions (GENSER ("R") Community only), common cryptomaterial has been pre-positioned at all ASC's. The various military departments' potential users have been issued compatible keying material. This system will permit rapid establishment of secure access to any ASC worldwide. DSSCS ("Y") community KG-13 tactical contingency users will order necessary COMSEC material using established procedures for "Y" community point-to-point requirements.

(3) When KG-84 cryptodevices are to be used for mobile, tactical, contingency, exercise, or training missions (for GENSER or DSSCS), all ASC's have a pair-wise unique keymat that has been pre-positioned for potential users and is part of the Intertheater C3 COMSEC Package (IC3CP). Joint Staff ICP Manager, MacDill AFB, Florida, is the controlling authority, and as such, must be included as an addressee in all message traffic pertaining to the use of KG-84 cryptodevices.

349. Effective Transmission Rate (ETR) Service. Circle YES if ETR service is desired and specify whether the capability is for "ETR Output Only" or "ETR Both Input and Output". This service is optional and is available only to Mode I terminals operating in "Continuous Mode", and at line speeds of 1200 baud or higher. (ETR service is not available in Overseas AUTODIN). Circle NO for those terminals not using ETR.

350. Transmission Identifier (TI) Line Option. Circle YES if service is for Mode II, Mode V, Mode I-ETR operation, or if the channel will be using ACP format. Circle NO for those terminals not using TI lines.

(NOTE: The TI line option is mandatory on all channels using ACP format, Mode II and Mode V operation, and certain Mode I terminals electing to use ETR service. Use of the TI line is optional on Mode I (Non-ETR) JANAP format channels. Under normal circumstances use of the TI line is not required in Mode I operation because of channel controls inherent in the Mode I protocol. The TI line option is made available to the user if message accountability by Channel Sequence Number (CSN) is desirable).

351. End of Medium (EM) Capability. Circle YES if service requested is for Mode II, Mode V, or Mode I TI line operation. The EM capability is optional on Non-TI line Mode I operation. Circle NO if the EM capability is not to be used.

(NOTE: All Mode II, Mode V, and Mode I TI line terminals must have EM capability. (This does not apply to card only terminals). Mode I terminals using the EM capability must be able to process the End of Lineblock (EOLB) upon detection of the EM character. This rule does not apply to Mode II and Mode V terminals).

d. DDN Service Information (Host and Terminal Only).

352. URDB Identification, Sequence Number and Purpose Code. Enter the 13-digit host identification number, sequence number and purpose code, or 13-digit terminal identification number and purpose code listed in the DISA DDN User Requirements Data Base (URDB) that is associated with the requirement. The first two digits represent the Agency code, the third through sixth digits represent the ADP Unit (DPI) number, the seventh through ninth digits represent the Host System number, the tenth through twelfth digits (for terminals only) represent the terminal number and the thirteenth digit represents the purpose code. For hosts only, the tenth digit will be a dash, the eleventh and twelfth digits represent the host sequence number, and the thirteenth digit represents the purpose code.
353. System Acronym Name. Indicate the system acronym name that this requirement pertains to; i.e., IGMIRS, JOINS, JUMPS, etc. If requirement does not pertain to a system, indicate NA.

354-356. Unassigned.

Interface Information. Indicate which of the following general types of interface will be implemented. The prospective subscriber is responsible for development and implementation of interfaces for this system, and for specifying the access line type, per chapter 1, table 2. Detailed specifications for DDN interfaces will be furnished by DISA. Prior to system cutover to DDN, the subscriber-developed interface will be subject to formal qualification test and approval by DISA.

357. Host Interface Type. Indicate the software (HDH, 1822DH or X.25) interface along with the hardware (RS232C, V.35, MIL-STD-188-114 Balance or DH (Direct Connection Host to IMP)) interface in support of this host connection. (Host only.)

358-362. Unassigned.

Crypto Account Information. For subscribers that have a requirement to be connected to the classified subnetwork of the Defense Data Network provide information required in items 363 through 366 as follows:

363. Crypto Account Number. Enter the subscriber's supporting crypto account number.

364. Crypto Account Custodian. Enter the crypto account custodian's name and telephone numbers, both AUTOVON and commercial.

365. Crypto Account Custodian Mailing Address. Enter the crypto account custodian's mailing address.

366. Crypto Account Custodian Plain Language Address (PLA) Message Address. Enter the crypto account custodian's message PLA.

367. Unassigned.

368. Host Name. Indicate the host name in support of this requirement. A "name" (Net, Host, Gateway, or Domain name) is a text string up to 24 characters drawn from the alphabet (A-Z), digits (0-9), and the minus sign (-) and period (.). No blank or space characters are permitted as part of a name. The first character must be a letter. The last character must not be a minus sign or period. A host which serves as a gateway should have "-gateway" or "-GW" as part of its name. A host which is a TIP or a TAC should have "-TIP" or "-TAC" as part of its host name, if it is an ARPANET or DoD host (e.g., DDN1.ARPA-TAC). (Host only).

369-400. Unassigned.

e. Narrative Information.

401. Purpose of TSR. Provide a short, concise statement of the purpose for which the TSR is being issued. Indicate which MilDep-unique system or network (e.g., AFNET, SBIS, JCALS), if any, the requested service is associated with. A narrative description of the service is not needed, since the individual items usually convey all desired data. If the items do not cover all details of the requirement, a narrative explanatory statement may be entered in item 417.

402. TSR Contact. Provide name, organization, and telephone number (commercial and DSN/AUTOVON) of TCO representative preparing the TSR. This will facilitate coordinating any queries by DISA representatives.

403. Unassigned.

404_. Unique Installation Factors. If unique factors apply to Government-owned facilities or commercial companies, provide details to facilitate installation. Describe these items or factors and list them for each user location, as in 404A, 404B, 404C, etc., correlated with locations in items 120A, 120B, 120C, etc. (59-character limit per line.)

405. Warner Exemption. Cite whether or not the requirement falls within the Warner Amendment Exemption and, when applicable, forward a copy of the GSA DPA to DECCO. (See "Glossary of Terms" for definition of DPA.) This item is required on all TSR's requiring procurement action by DECCO. The specific entries follow:

a. If the requirement has been determined to be Warner-exempt, cite "Y" (Yes) plus the condition code (1, 2, 3, 4, or 5) which justifies the exemption (e.g., Y1). Valid codes and conditions follow. (See reference 4x and 4y, for additional information concerning these conditions.)

(1) Requirement involves intelligence activities;

(2) Requirement involves cryptologic activities;

(3) Requirement involves command and control of military forces;

(4) Requirement involves equipment and services which are an integral part of a weapon or weapon systems;

(5) Requirement is critical to the direct fulfillment of military or intelligence missions.

NOTE: Drug Interdiction is Warner-exempt based on involvement of Command and Control activities. The term "involvement" means to include or to connect and does not denote exclusivity.

b. If the requirement has been determined not to be Warner exempt, cite "N" (No) (e.g., N).

c. If a DPA is required, indicate one of the following in TSR item 417:

(1) Cite the specific GSA DPA (Number and Date) and indicate that a copy has been forwarded to DECCO under separate cover (e.g., DPAXXX, 1 Feb 91, copy has been provided under separate cover.)

(2) State exception to FTS2000 only is being requested and that the APR is being provided under separate cover for completion and submission to GSA by DECCO (e.g., APR for exception to FTS2000 only is being provided under separate cover for completion and submission to GSA by DECCO).

406. Justification for Other Than Full and Open Competition. (See chapter 2, paragraph 21). When the acquisition of a telecommunications service is being requested without full and open competition, or a specific make/model of equipment is specified, a justification with technical and management certifications must be provided. Such justification and certifications are required by Federal Acquisition Regulation (FAR) 6.303 and Department of Defense FAR Supplement (DFARS) 6.303-1(B)(70). Each justification shall include (1) sufficient facts and rationale to justify the use of specific authority cited and (2) technical and management certifications that the government's minimum needs and/or schedule requirements (or other rationale used as the basis for the justification) have been reviewed and are deemed accurate and complete. If the use of specific make/model of equipment cannot be justified, the minimum technical requirements/specifications for the equipment shall be provided in TSR item 407. When there will be many on-going requirements for a system, a class justification may be requested. If the telecommunications service is part of a system covered by a class justification, identify the class justification and the date of the class justification that is applicable to the requirement. Requirements submitted without the required justification and certifications will be processed by DECCO using competitive procedures. Competitive procedures also apply to emergency NS/EP and essential NS/EP requirements, (and emergency and urgent requirements in foreign areas not subject to NS/EP procedures), unless they are accompanied by a justification for other than full and open competition. As a minimum, information cited in chapter 2, paragraph 21 if this Circular shall be included in the justification provided to DECCO.

407_. Equipment to be Acquired by DECCO. Provide the technical specifications and the quantity for equipment to be acquired by DECCO. If the technical specifications are to be provided under separate cover it should be referenced in this item. List equipment and specific equipment delivery address required at each user location as in 407A, 407B, 407C, etc., correlated with locations in 120A, 120B, 120C, etc. If specific commercial equipment is required, provide a recognized designation, e.g., 201B MODEM, and item 406 justification. Identification of equipment in this item should include the requirement to lease any signaling equipment. Customer Premise Equipment (CPE) can be acquired as part of a total service request, which includes the transmission and CPE. The equipment can be acquired either under a lease or purchase arrangement. (59-character limit per line.)

408. Objections to Satellite Service. State any objection to satellite routing and operations (e.g., objection to more than one satellite hop). Include all valid technical reasons/parameters. See item 119D.
409. CCO/CMO to Accept Service. Recommend a facility or activity who will accept service on behalf of the U.S. Government, monitor service performance, and submit applicable completion report(s) in accordance with chapter 2, paragraph 10, this Circular. This activity is usually the Communications Control Office (CCO), which is a DCS Technical Control Facility (TCF), Patch and Test Facility (PTF), Monitoring and Test Center (MTC), Maintenance Access Facility (MAF) at the TCF, or other such facility where a circuit/trunk is accessible for either local or remote testing. Some circuits/trunks do not pass through a TCF/PTF or some other activity within the circuit/trunk routing and/or cannot be accessed by the CCO facility through a remote testing capability. If this is the case, a CCO cannot be assigned; however, another activity which has the administrative responsibility to serve as the focal point for day-to-day monitoring of service performance, accepting service on behalf of the U.S. Government, and submitting the applicable completion report(s), must be designated. This activity, referred to as a Communications Management Office (CMO), may be in the circuit/trunk path, but does not have the capability of performing the CCO function as defined in reference 4s. To recommend a CCO/CMO, enter the geographical location, state/country code, and facility code (GEOLOCO/SC/ENR) (if known) or state name of activity (for CMO only) and current commercial or DSN/AUTOVON phone number of the office responsible for CCO/CMO functions. (For leased service provided by industry, use the commercial phone number.) Information in this item is restricted to 43 alpha-numeric characters (including spaces, slashes (/) and dashes (-)); 15 positions for GEOLOCO/SC/ENR or activity name, and 27 for telephone number, which could include alpha characters to identify AUTOVON (A), commercial (C), or civilian (CIV) phone numbers or other similar information. Examples of possible input could be "FTSHAFTR/15/PTF/ A315-438-1234"; "NGB WASHINGTON/C202-321-1234 EXT 987"; "HEIDLBRG/GE/TCF/A480-1110 ERWIN 4175".
- 410_. Demarcation Point for Interface of Government-Owned Segments with Leased Segments. Designate a demarcation point at each user's location where the circuit will be composed of both Government-owned and leased segments. User locations will be identified as 410A, 410B, 410C, etc., in correlation with locations in items 120A, 120B, 120C, etc. The demarcation point will be the point (building, floor, room, area, etc.) where the local post, camp, base, or station administrative or tactical Government-owned segment meets the common carrier segment. This item can also be used to describe demarcation between a leased circuit and customer premise equipment (CPE). The demarcation is based upon regulatory guidance.

411. Security Requirements. If the requirement is for leased service which will require contractor access to classified information, using one of the following options, state that there is a security requirement and how it is to be specified (see reference 4j).
- (1) For requirements which are not covered by an existing DD Form 254, state: "Access to classified information is required. A DD Form 254 is being forwarded to DECCO under separate cover."
- (2) For requirements which are a part of an existing project/program and/or system provided by a contractor holding a current and applicable DD Form 254, state: "Access to classified information is required. The security requirements pertaining to (identify project/program/system) apply to this requirement."
412. Activity to Receive Special Periodic Progress Report from Contractor. The TCO is authorized to require special periodic progress reports from the contractor in those special cases where significant operational impairment would result from a delay in the ordered service (or where dollar cost of the required service exceeds \$10,000 per month for any one order) and such a report is required for management purposes. The TCO will designate the using or other activity to receive these reports and take coordination action to assume the activation of the service as required.
413. Overseas Shipping Instructions. When use of military transportation is necessary to transport equipment to overseas locations, designate the DODAAD (Department of Defense Activity Address Directory) code and ship to/mark for instructions pertaining to the destination activity. Identify special shipping requirements (e.g., specific aerial port transportation priority, etc.) if appropriate. Include DSN/AUTOVON and commercial telephone number of the receiving officer.
414. Connection Approval. If U.S. Government-furnished equipment is to be connected to leased circuits in Australia, New Zealand, or DCS geographical areas 3, 4, 5, or 6, cite prior approval documentation, or enter "CA required" along with supporting information. Follow-on technical coordination with the carrier(s) is the responsibility of the requiring activity. Designate the point-of-contact which will provide this coordination. (See chapter 1, paragraph 4f.)
- 415A. DISA Control Number. For exercise circuits only. Enter the four-character DISA control number (DCN) assigned in accordance with chapter 4 paragraph 3j. If the TSR is for an exercise or project that requires an entry in item 415B and a DCN is not assigned or required, "NA" will be entered in this item. If no entry is required in either item, both may be excluded from the TSR.
- 415B. Exercise/Project Name. If the TSR 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 TSR items would cause those items to be classified, procedures specified in chapter 4, paragraph 3j, will be followed.

- 416. Cost Threshold. When the requirement for service is contingent upon service being provided within a cost threshold, include the cost ceiling. Maximum amount that can be entered is \$9,999,999.
- 417. Enter Remarks. Enter any narrative remarks which will help to clarify the request for service or to convey any information which cannot be described by existing TSR items. If user equipment is being provided by other means, include a statement as to the date the terminal equipment will be available for connection to the circuit. List applicable international agreements and/or Foreign Military Sales (FMS) case. Identify any facility (at the end user locations) capable of performing the technical control function through which the circuit should be routed by the TSO issuing authority. Specify GEOLOCO, building, room number and point of contact at each location. Other narrative remarks may be used as deemed appropriate by the TCO. Specific item numbers should be used instead of item 417 to ensure proper inclusion and transfer of data in automated processes.
- 418. DD Form 1368. Designate the activity which will submit DD Form 1368: Modified Use of Leased Communication Facilities, in accordance with reference 4a.
- 419. Unassigned.
- 420. Toll Calls, TWX, PDN, or Metered Services. When it is known or anticipated that toll calls, TWX, metered services, or PDN usage will be involved, designate the validating authority (certifying official) by position title and mailing address.
- 421. U.S. Gateways. When operational requirements exist, specify the U.S. gateway that must be used for leased transoceanic services.
- 422. Transmission Media. If specific routes or transmission media are required or desired for leased services, enter the code from reference 4b, chapter 58. See item 119D also.
- 423. 24-Hour On-Call European Telecommunications Maintenance Service. Available in Germany from Deutsch Bundespost (DBP) and in England from British Telecommunications PLC (BT). If the service is desired, submit the following statement: "Restoration of this circuit is required on a 24-hour basis, including after duty hours, and holidays." Also include the point of contact (position, not name) and telephone number (both military and civilian) of the agency authorized to call out the service.

424. ALLA Number and RP. Enter the ALLA number and its associated RP if the request involves a change or disconnection of a circuit which traverses or terminates within Europe.
425. Simultaneous TSR Action. Enter the TSR numbers (and specific instructions) of other requests which are to be worked in conjunction with this TSR; e.g., NA14JUL920317.
426. Bit Error Rate. Bit error applies to data circuits. It is stated, for example, as 1 times 10 to the minus 7 in 30 minutes (1×10^{-7} over 30 min).
427. Equipment Lease or Purchase Options. Identify one of the following options for lease or purchase of equipment:

LEASE

LEASE WITH OPTION TO PURCHASE

LEASE TO OWNERSHIP

OUTRIGHT PURCHASE WITH INSTALLATION

OUTRIGHT PURCHASE WITHOUT INSTALLATION

PURCHASE EXISTING EQUIPMENT (Where no purchase option (priced and evaluated) exists)

Notes regarding equipment purchase:

(1) If the total price of all existing equipment to be purchased on a single contract/CSA does not exceed \$2,500, submit a CHANGE TSR requesting purchase from the existing vendor.

(2) If the total price of existing equipment to be purchased on a single contract/CSA exceeds \$2,500, submit a START TSR, or a CHANGE TSR and a justification for OTFAOC.

428. Basic Termination Liability (BTL). On discontinue TSR's, specify YES or NO as appropriate, to permit DECCO to pay remaining BTL's. On start TSR's, specify YES or NO as appropriate, to permit DECCO to enter into a contract with a BTL.
429. Circuit Specifications. Provide either specific conditioning requirements or commercial carrier designation.
430. Estimated Service Life. Enter the estimated number of months that the service will be required. The service life shall not be longer than the contract life. Contract life is the period beginning on the contract effective date and ending on the contract expiration date, including the implementation period and any options to extend. The life of a supply or service contract shall not exceed 60 months. If the service contract is for communication service, the contract life shall not exceed 120 months. This item is required on all start requests for leased service, equipment, and systems to be acquired by DECCO. (TSR's for temporary service, must identify a specific disconnect date and are exempt from this requirement.)

This item should be left blank on change requests since the estimated service life will remain as originally established. If the service will be required after the contract expiration date (or has already expired), a new REAWARD TSR (containing the same information as a start TSR, including CCSD) must be submitted in accordance with the leadtimes established for starts in tables 12, 13, 14, and 15, chapter 4 of this Circular. (See chapter 2, paragraph 2k for additional information).

431. General Classification of Service. Circle D if the service is DCS, N if the service is non-DCS. Refer to the definition of DCS and non-DCS in the Glossary of Terms, and to chapter 4, paragraph 3e, for submission of TSR's for non-DCS leased requirements. Exceptions must be approved by DISA/DIPC, and the approval cited in item 512.
432. Cost Indicator. Costs for services leased through DECCO will be applied in accordance with the policy stated in the definition for DCS and non-DCS in the Glossary of Terms and as amplified by chapter 4, paragraph 3g. TSR item 432 is not required if the TCO desires the costs to be applied in accordance with the cost policy. Deviations from the cost application policy must have prior approval by DISA/DOC, and the approval cited in TSR item 512. If there is an approved deviation from the cost policy, enter the appropriate code in item 432. This code will be used in association with the item 431 entry. Codes to be used are:
- V - used when there is a mixture of costs at variance with the cost application policy (a description of the variance must be provided in item 417).
- N - used by a DoD agency when all costs are to be identified as non-DCS.
- D - used by any agency when all costs are to be identified as DCS.
- 433_. Leased Equipment to be Removed. List the type of leased equipment to be removed. Provide the Uniform Service Order Code (USOC) or a full nomenclature. This item should not be submitted to discontinue a circuit in its entirety. Correlate to user location as in 120A, 120B, 120C, etc.
- 434_. Leased Equipment to be Relocated. List the type of leased equipment to be moved. Provide the USOC or a full nomenclature. Correlate to user location as in 120A, 120B, 120C, etc.
435. Unassigned.
436. WATS Service or WATS Equivalent Service. If request is for Wide Area Telephone Service (WATS), provide the hours and coverage required, banding information, inter/intra state service, and other related information pertinent to the required WATS service.

437_. Customer Premise Inside Wire Installation (CPIWI) and Maintenance (CPIWM). This item is required for all start and applicable change requests for leased circuitry within the United States. List inside wire installation and maintenance options, as identified below, for each user location; e.g., 437A, 437B, 437C, etc., will be correlated with locations 120A, 120B, 120C, etc.

(1) CPIWI. Circle "CPIWI-YES" if DECCO is to include the requirement for the installation of inside wire in the communication service contract with the end-to-end contractor. Such inside wire installation will be obtained on a time and material basis. Circle "CPIWI-NO" if there is no inside wire installation associated with the requirement or the customer desires to make their own arrangements for installation of the inside wire.

(2) CPIWM. Circle "CPIWM-YES" if DECCO is to include the requirement for the maintenance of inside wire in the communication service contract with the end-to-end contractor. Where such inside wire maintenance is available, it will be obtained on a fixed monthly rate basis, or on a time and material basis when fixed monthly rate maintenance is not available.

Inside wire maintenance will only be obtained for inside wire which was installed under a DECCO contract. Circle "CPIWM-NO" if there is no inside wire associated with the requirement or the customer will make their own arrangements for maintenance of the inside wire. Circle "CPIWM-CANCEL" if existing leased maintenance is to be cancelled.

438_. Related Leased Equipment. This item will be used to identify DECCO leased equipment status as it relates to the circuit action being requested. An entry in this item is required for all TSR's. Correlate user locations as in 120A, 120B, 120C, etc. Valid entries are as follows:

(1) Enter equipment CSA Number if leased equipment previously obtained through DECCO is to be used.

(2) Circle NONE if no DECCO leased equipment is involved.

(3) Circle BOTH if the TSR includes a request for both circuit and associated leased equipment.

439. Related Billing CSA Numbers. If the service is split billed, list all billing CSA numbers associated with the service. Split billing CSA numbers can be obtained from Inventory of Service (IOS) reports and SAM's provided by DECCO.

440_. Access to Domestic Public Switched Networks. 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.

441. Lease Versus Buy Analysis. In accordance with the FAR Subpart 7.4, DoD FAR Supplement 7.401 and 7.402, and DISA policy, all requests for the acquisition of equipment will contain the rationale (i.e., cost, operational) supporting the decision to lease or purchase the requested service.
442. Maintenance of Purchased Equipment. Specify YES or NO to indicate maintenance support is/is not required for purchased equipment. If yes, identify the type of maintenance desired as shown below, or cite other required maintenance service. DECCO will acquire maintenance support, if available, for Government-owned equipment acquired by DECCO for the customer when the projected life cycle cost of the maintenance requirement exceeds the "small purchase" cost threshold (\$25,000). 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.
- 8-Hour-a-Day On-Call Maintenance. Maintenance will be performed by the contractor 8:00 A.M. through 4:00 P.M., Monday through Friday with the exception of Government holidays.
- 24-Hour-a-Day On-Call Maintenance. Maintenance will be performed whenever required, regardless of the time of the day, including all holidays.
- 8-Hour-a-Day On-Site Maintenance. Maintenance will be performed by the contractor 8:00 A.M. through 4:00 P.M., Monday through Friday with the exception of Government holidays.
- 24-Hour-a-Day On-Site Maintenance. Maintenance will be performed whenever required, regardless of the time of the day, including all holidays.
443. Access to Proprietary or Source Selection Information Regarding a Procurement. Provide a list by name of all persons or classes of persons who have been authorized by the head of the agency, their designee, or the Contracting Officer (CO), to have access to proprietary or source selection information. (Note: If, after submission of the TSR, additional persons or classes of persons are authorized to have access to proprietary or source selection information regarding a procurement, the TCO will immediately notify the CO in writing.) This item will only be submitted on each start/reaward/change TSR where the procurement contract value (e.g.,

estimated monthly recurring charge multiplied by the estimated number of months that the service will be required (TSR item 430 - estimated service life)) will exceed \$100,000.

444. Jurisdictional Classification (for Service Leased within the U.S. and U.S. Territories and Possessions). Identify one of the following classification statements for all starts, and for changes which will convert a service from one jurisdictional classification (e.g., intrastate to interstate) to the other. (See definitions "Interstate Jurisdiction" and "Intrastate Jurisdiction" in the glossary.):

"Interstate use, 100 percent" - submit this entry for all full period services which physically interconnect two or more states (e.g., Pentagon, VA To Offutt AFB, NE), DoD/DCS networks (DDN, DISN, DSN/DCTN/AUTOVON/AUTOSEVOCOM, AUTODIN), and for access to air-to-ground radio transceivers.

"Interstate use, nn percent" - submit this entry for everything else, including (but not limited to) multi-channel wideband service carrying some/all jurisdictionally intrastate traffic; and for all foreign exchange services. Insert a percentage (00 through 99) to represent the government's projected use of the service for interstate communicating.

Note: Some services may be adjusted periodically in order to maintain the most accurate proration between interstate and intrastate usage. For switched services (e.g., foreign exchange access; not DCTN/AUTOVON/DSN, which requires non-switched access), DECCO shall keep call-detail records and make them available for inspection as reasonably necessary for purposes of verification. For non-switched services, DECCO shall keep records of system design and functions from which the percentage of interstate usage (PIU) (and hence the percentage of intrastate usage and jurisdiction) was determined. In either case, supporting data must be forwarded within 30 days of a request by a providing local exchange carrier (LEC).

f. Justification and Approvals.

501. Justification of Service Requested. Provide justification for the requested service. If dedicated service is being requested, cite specific reasons why DCS switched systems (AUTODIN, DDN, DISN, or DSN/AUTOVON) cannot satisfy your requirements.
502. Identification of Reference.⁴ Has this service been requested by elements of higher echelon than your activity? If so, identify and, if possible, cite reference.

⁴Not required by DISA. Provide only when required by Joint Staff or CINC's.

503. Approval Document. If service requires OASD, Joint Staff, CINC, FAA, NWS, or NOAA approval, cite document which provides their approval.
504. Justification for MCA. If AUTOSEVOCOM, provide justification for maximum calling area. Justification required only if service other than local area is requested or a community of interest is specified. If the requested MCA has been previously approved, cite the approval document.
505. Justification of Precedence. If DSN/AUTOVON or AUTOSEVOCOM service is requested and other than routine precedence is intended, provide justification. Demonstrate how the nature of traffic and the speed of service meet the Joint Uniform Telephone Communications Precedence System Criteria. If the requested precedence assigned has been previously approved, cite the approval document. (If precedence is for Flash or Flash Override, CINC and Joint Staff approvals are required. Cite authorization message DTG.)
506. Justification of Abbreviated Dialing.⁴ If DSN/AUTOVON abbreviated dialing is required, provide justification. Provide DSN/AUTOVON numbers of distant end users in item 220.
507. Justification of DSN/AUTOVON Conference Service.⁴ Provide listing of conferees, giving name or DSN/AUTOVON number and citing location and country if conference service is required.
508. Justification of Offhook Service or Preemption Capability.⁵ If offhook service or preemption capability is required, provide justification. Identify distant end user or users in items 120B, 120C, etc. Provide telephone number.
509. Unassigned.
510. Funding TCO Approval.⁶ Cite approval documentation.
511. Unassigned.
512. DCS/Non-DCS Approval (Applicable to DoD Agencies Only). Enter a statement to the effect that "Approval to designate this service as DCS or non-DCS granted by DISA/DIPC (message or letter)." Not applicable to requirements for equipment only.
513. AMPE Approval. Requirements for AUTODIN service involving the procurement of Automatic Message Processing Exchange (AMPE) systems, including Local Digital Message Exchange (LDMX) systems, Automated Multimedia Exchange (AMME) systems, and Intermediate Capacity

⁴Not required by DISA. Provide only when required by Joint Staff or CINC's.

⁵Not required by DISA.

⁶Required when TSR is submitted by a TCO citing the funds of a different TCO.

Automated Telecommunications System (ICATS), and requirements meeting the Joint Uniform Telephone standards as covered in reference 41, require DoD approval. AMPE's may be directly connected to each other only with Joint Staff approval. Cite such approvals here.

514. Requesting Activity's Requirement Number. Enter the number, if any, assigned to the requirement by the requesting activity (feeder TSR number). This information will be used for reference purposes. In addition, if the requirement is for a DDN service, enter the requester's program designator code and the DDN connect order numbers following the requester's feeder TSR or RFS number. Each item should be separated by a slash (/); e.g., XA10JUN850160/BLGAAA/DDN C.O. 10234.0.

FCC Registration, Ringer Equivalency Number and Service and Facility Interface Code. Part 68 of the Federal Communications Commission (FCC) rules and regulations, also known as the Telephone Equipment Registration Program, is designed to ensure the interoperability of the public switched network and private line service with equipment manufactured by a multitude of firms. The implementation of the program involved the establishment and enforcement of standards applicable to network requirements. As a result of implementing these standards, installed equipment was considered "GRANDFATHERED," dates were established after which only registered equipment could be connected to the network, and a system was established to assign registration and ringer equivalency numbers, and to establish service and facility interface codes. TSR items 515 through 518 as described below will be used to satisfy this requirement. Correlate each item to user location as in items 120A, 120B, 120C, etc.

- 515_. Registration Number. Enter the FCC registration 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, LDMTS, and Category I private line service will have a registration number similar to the following: AB1 CD2-34567-PF-E. The registration number is broken down as follows:

AB1 - Grantee of Registration Number.

CD2 - Manufacturer of Registered Equipment.

34567 - Unique Code for the Registered Equipment.

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 - Network Address Signaling

- 516_. Ringer Equivalency Number (REN). Equipment that is registered as defined above will also be assigned a Ringer Equivalency Number similar to the following: 1.0B.
- 517_. Service Code. Equipment registered for the above and category III private line service will be assigned a service code similar to the following: 9.0F.
- 518_. Facility Interface Code and Port Class Identifier. A Facility Interface Code is required for the connection of Grandfathered Customer Premise Equipment (CPE) to Private Line Service except for non-switched voice band data services. When off-premise service is being installed from a multiline system, grandfathered equipment will have a port class identifier also. A sample of these codes follows:
- Grandfathered: 11-TT-MB
- Grandfathered: 11-TT-MB-A (off-premise service)
519. Unassigned.
520. Unassigned.

g. TSP Service Information. In addition to TSR items 101, 102, 103, 105, 106A/B, 107, 116, 117, 120A-125A (120B-125B, if applicable), 130A (130B), 131A (131B), 401 and 402, 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 information in chapter 2, paragraph 9; chapter 3, paragraph 5g; chapter 4, paragraph 3f; supplement 11; and references 4h and 4p for additional information concerning the NS/EP TSP System. The service users and TCO's will need to familiarize themselves with reference 4p prior to completing a TSR for a TSP service. This Circular presents a description of the TSR item numbers required for a TSP Request. It does not duplicate all of the information contained in reference 4p. Federal agencies sponsoring a TSP Request for non-Federal users should also refer to reference 4h and 4p.

NOTE: All TSR's dealing with TSP restoration priority service must be sent to: "MGR NCS-TSP WASHINGTON DC" in addition to the normal TSR addressees. (Only those TSR's establishing/discontinuing TSP service or amending/changing previously provided TSP information should be sent to the NCS.) In addition, all TSR's requesting a TSP provisioning priority must be sent to "MGR NCS WASHINGTON DC//NCS-NCC//."

521. Action Requested. Enter appropriate choice from the following list:
- A - Initial priority for a new service. Enter "A" to request a TSP assignment for a new service.
- B - Initial priority for an existing service. Enter "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

Restoration Priority System which is being submitted for a TSP assignment.

C - Change to a service, service priority, or information about a service. Enter "C" to change an existing TSP service, a service's restoration priority, or to change information about a service. When changing an existing service (adding circuits or expanding existing circuits), explain the change in item 529, Supplemental information. Also, enter any other changed information (e.g., subcategory, criteria, or service profile items) as appropriate. When requesting a change in the restoration priority assignment of an existing TSP service, see instructions under item 526C for further details. When changing information previously submitted to the TSP Program Office about the service, enter the new information in the appropriate TSR items.

NOTE: If action "C" is specified, TSP TSR items 102 and/or 524B must be completed. If requesting a change in the priority level, item 106B must be completed. For changes to existing services, if applicable, enter the word "blank" in item 523 to inform the TSP Program Office that this item should now be blank.

D - Revoke a service's priority. Enter "D" to request that a TSP assignment be revoked. (The TCO will receive a revocation notice from the TSP Program Office containing a TSP Authorization Code ending in 00 (zero-zero)). A revocation is requested if the service should no longer receive priority treatment or if the service is to be disconnected. The next service order to the service vendor is to contain the TSP Authorization Code ending in 00. If action "D" is specified, TSP TSR item 102 must be completed. The TSP Program Office will never deny a revocation, but this request is necessary to eliminate future correspondence from the TSP Program Office about the service.

F - Revalidate a service's priority. (NOTE: Choice "E" is intentionally omitted.) Enter "F" to revalidate a TSP assignment. If action "F" is specified, TSP TSR item 102 must be completed.

522. Unassigned.

523. Unassigned.

524. Unassigned.

525. Service Profile. 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 identifiers (e.g., A3;B1;F2;F3). Additional profile element/detail identifiers (not identified below) should be specified in TSR item

529. If none apply, enter the letters "N A" in the first double block of this item. Separate each identifier (except the last one) with a semicolon; do not enter a space between each identifier.

A. Customer Premises Equipment (CPE): Element

CPE is equipment provided by the service user, whether through contract, as government-provided equipment, or a 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.

CPE: Element Details

[A1] On-site/on-call maintenance support or a contractual arrangement exists that is consistent with the restoration response expected of the telecommunications service vendor.

[A2] Spare equipment is provided to back up primary equipment.

[A3] Applicable only if this is a provisioning request: Equipment and site preparation provided by the service user (including equipment provided by contract) will be available by the date service is required.

B. Customer Premises Wiring (CPW): Element

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 (demark) 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.

CPW: Element Details

[B1] All in-house circuit segments provided by the service user (including those provided by contract) have on-site/on-call maintenance support, or a contractual arrangement consistent with the restoration response expected of the service vendor.

[B2] Applicable only if this is a provisioning request: All in-house circuit segments provided by the service user (including that provided by contract) will be available by the date service is required.

C. Operations: Element

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 TSR.

Operations: Element Details

[C1] The terminal facility operates 24 hours per day or it is in a hot-standby status.

[C2] Other. Explain in item 529 of the TSR.

D. Technical Control Facility (TCF)/Fault Detection/Isolation: Element

This profile element refers to the capability to detect and isolate a problem within a system. This function 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.

/Fault Detection/Isolation: Element Details

[D1] A capability is available or contracted for 24 hours per day to isolate problems or perform service testing to determine faults.

[D2] Alarms are installed that automatically signal loss of service/circuit continuity and alert operations or technical control personnel.

E. Service Testing: Element

Service testing refers to periodic quality control tests that are performed to ensure that service being provided 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.

Service Testing: Element Detail

[E1] The service will undergo periodic testing to determine quality and reliability.

F. First Service/Route Diversity: Element

First service/route diversity refers to the availability of more than one telecommunications 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 services between two points over more than one geographic path or physical route with no geographic points of commonality.

First Service/Route Diversity: Element Details

[F1] A first service.

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

[F3] Other. Explain in item 529 of the TSR.

G. Facility/Site Access: Element

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.

Facility/Site Access: Element Details

[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 a prearranged and 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 of the TSR.

Telecommunications Service Priority (TSP) Restoration Priority Information.
Complete items 526A-526C ONLY if requesting a TSP restoration priority for a new or existing service (A or B in item 521), or when requesting a different

TSP restoration priority level for an existing TSP service (C in item 521); otherwise omit these items.

- 526A. TSP Restoration Priority Subcategory. Enter one letter (A, B, C, or D) corresponding to the subcategory (described below) under which this service qualifies for priority treatment. (See TSR item 526C NOTE regarding use of "E" designation).

A. National Security Leadership. This subcategory is strictly limited to only those telecommunications 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 other NS/EP 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 NS/EP function.

B. National Security Posture and U.S. Population Attack Warning. This subcategory covers those minimum additional telecommunications services essential to maintaining an optimum defense, diplomatic, or continuity-of-government posture before, during, and after crisis situations. Such situations may range 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 NS/EP 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 any 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 NS/EP functions.

D. Public Welfare and Maintenance of the National Economic Posture. This subcategory covers the minimum number of telecommunications 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 supported NS/EP function.

- 526B. TSP Restoration Priority Criteria. Enter one number (1, 2, 3, 4, 5, 6, 7, 8, 9, or 0) corresponding to the criteria (described below) under which this service qualifies within the subcategory identified in TSR item 526A.

Criteria for Subcategory A: National Security Leadership:

[1] Critical orderwire or control service supporting other NS/EP functions.

[2] Presidential communications service critical to continuity of government and national leadership during crisis situations.

[3] National Command Authority communications service for military command and control critical to National survival.

[4] Intelligence communication service critical to warning of potential catastrophic attack.

[5] Communications service supporting the conduct of diplomatic negotiations critical to arresting or limiting hostilities.

NOTE: Services under the National Security Leadership subcategory will normally be assigned priority 1 for provisioning or restoration; however, priority 2, 3, 4, or 5 may be assigned.

The following services would generally qualify as priority 1:

- * Orderwire or control services supporting NS/EP functions.

- * Presidential Communications.

- * One voice and one record service continuously available from the location of the President, National Military Command Center, and their alternate locations. These include services to senior government officials, relocation sites, and to select allies.

- * National Command Authority (NCA) communications for military command and control critical to national survival.

- * The first voice and first record services from the NCA (NMCS Command Centers) to each commander of a unified/specified command and each Military Service Headquarters and the first record services to the Canadian Joint Staff, Headquarters, SHAPE, SEATO and CENTO, and essential VLF seize key services.

- * Intelligence communications for catastrophic attack warning, and communications for diplomatic negotiations for arresting or limiting hostilities.

(1) The first voice and first record service designated by the Directors of NSA and DIA to the most critical locations required to handle critical intelligence concerning an attack.

(2) Attack warning services:

(a) Primary (voice or record) service as designated by NORAD from peripheral early warning systems (BMEWS, DEWLINE, AWACS, AEW&C SLBM) to NORAD and from NORAD to key headquarters/activities requiring information to make decisions pertaining to an attack.

(b) First direct SOSUS services.

(3) One circuit (either voice or record) designated in advance by the Secretary of State, from the Secretary of State to the minimum number of government heads and other key officials with whom contact must be maintained during attack, including those circuits necessary to conduct diplomatic negotiations critical to arresting or limiting hostilities. Also included will be those added circuits as may be designated for this purpose to the Executive Agent, NCS, and designated circuits to the USSR and to the People's Republic of China.

Criteria for Subcategory B: National Security Posture and U.S. Population Attack Warning:

[1] Threat assessment and attack warning.

[2] Conduct of diplomacy.

[3] Collection, processing, and dissemination of intelligence.

[4] Command and control of military forces.

[5] Military mobilization.

[6] Continuity of Federal Government before, during, and after crisis situations.

[7] Continuity of state and local government functions supporting the Federal Government during and after national emergencies.

[8] Recovery of critical national functions after crisis situations.

[9] National space operations.

NOTE: Services under the National Security Posture and U.S. Population Attack Warning subcategory may be assigned priority 2, 3, 4, or 5 for provisioning or restoration.

Priority 2, 3, or 4 Service National Security Posture and U.S. Population Attack Warning subcategory examples:

The following services would generally qualify as priority 2, 3, or 4:

* Command and Control of Military Forces.

(1) The first voice and first record services from each commander of a unified/specified command direct to this primary subordinate headquarters, major nuclear-capable force commanders, Joint Task Force Commanders, and commanders of other directly controlled forces.

(2) The first record service from appropriate commanders to the Canadian Joint Chiefs of Staff and Headquarters, SHAPE, SEATO, and CENTO.

(3) One voice and one record service between supporting nuclear-capable commanders.

(4) The first service for Joint Staff Coordination for Atomic Operations (CAO).

(5) The first services essential for internal sensor systems for directing the commitment of nuclear defenses.

(6) The first services which provide essential information for directing and commitment of nuclear defense and nuclear counterforces, in systems such as SPADATS and BOMB ALARM or Air Defense environments.

* Military Mobilization.

(1) The first service (either voice or record) from either the Military Service headquarters, or the alternate headquarters (when activated) to their subordinate major command headquarters, or to the commanders of other directly controlled forces.

(2) The first service (either voice or record) of other Federal agencies between locations designated by the heads of the agencies which are essential to national survival during nuclear attack conditions.

(3) Exercise Telecommunications Services.

(a) The minimum quantity of services essential to permit safe conduct of an exercise or achievement of primary exercise objectives or both. Only those services in support of exercises which involve the movement of personnel, weapons systems, munitions, or other critical materials or the control of aircraft are included.

(b) Short-notice exercise services resulting from changes in exercise locations or scenarios which could not reasonably have been foreseen, and without which the exercise cannot be conducted safely or effectively.

Priority 3, 4, or 5 Service National Security Posture and U.S. Population Attack Warning subcategory examples:

The following National Security Posture and U.S. Population Attack Warning subcategory services would normally qualify as priority 3, 4, or 5.

(1) Minimum additional service requirements essential when nuclear attack threatens.

(2) Minimum additional services required to conduct critical preattack diplomatic negotiations to reduce the threat of war.

(3) Minimum additional services for intelligence collection, processing, and dissemination.

(4) Minimum additional service for Presidential communications.

(5) Minimum additional services to support NCA communications.

(6) Minimum additional services for military command and control.

Priority 4 or 5 National Security Posture and U.S. Population Attack Warning subcategory examples:

The following National Security Posture and U.S. Population Attack Warning subcategory services would normally qualify as priority 4 or 5.

(1) Minimum additional services to support essential Internal Sensor Systems to include SPADATS, SOSUS, and BOMB ALARM for nuclear defense and nuclear counterforce information.

(2) Minimum essential services for carrying out Military Air operations and air control when attack threatens.

(3) Minimum weather services which are critical to Military operations.

(4) Minimum essential services for military and civil security activities used to collect, process and disseminate Intelligence information.

(5) Minimum services for air, sea, and ground operations for safety, rescue, and movement operations.

(6) Minimum services used for tracking and telemetering space vehicles and manned space flight operations.

Priority 5 Service National Security Posture and U.S. Population Attack Warning subcategory examples:

The following National Security Posture and U.S. Population Attack Warning subcategory services would normally qualify as priority 5.

(1) Minimum services for critical logistical and administrative military support functions.

(2) Minimum services for the conduct of critical negotiations under cold war conditions.

(3) General purpose services critical to government operations:

(a) Between manual switchboards.

(b) Between data relay switching centers.

Criteria for Subcategory C: Public Health, Safety, and Maintenance of Law and Order:

[1] Population warning (other than attack warning).

[2] Law enforcement.

[3] Continuity of critical state and local government functions (other than support of the Federal government during and after national emergencies).

[4] Hospitals and distribution of medical supplies.

[5] Critical logistic functions and public utility services.

- [6] Civil air traffic control.
- [7] Military assistance to civil authorities.
- [8] Defense and protection of critical industrial facilities.
- [9] Critical weather services.
- [0] Transportation to accomplish the foregoing NS/EP functions.

NOTE: Services under the Public Health, Safety, and Maintenance of Law and Order subcategory may be assigned priority 3, 4, or 5 for provisioning or restoration.

Criteria for Subcategory D: Public Welfare and Maintenance of the National Economic Posture:

- [1] Distribution of food and other essential supplies.
- [2] Maintenance of national monetary, credit, and financial systems.
- [3] Maintenance of price, wage, rent, and salary stabilization, and consumer rationing programs.
- [4] Control of production and distribution of strategic materials and energy supplies.
- [5] Prevention and control of environmental hazards or damage.
- [6] Transportation to accomplish the foregoing NS/EP functions.

NOTE: Services under the Public Welfare and Maintenance of the National Economic Posture subcategory may be assigned priority 4 or 5 for provisioning or restoration.

526C. TSP Restoration Priority Requested. Enter the priority level (5, 4, 3, 2, or 1) for which this requested service qualifies (or a lower priority level) in this item. To determine the appropriate TSP restoration priority level, see chart 1 (page 3-58), "Determining Restoration Priority Level." First, identify the subcategory shown in TSR item 526A. Requested service is qualified for the priority level corresponding to that subcategory (item 526A) and service profile element(s)/detail(s) (item 525). Availability of additional service profile elements/details, as identified on the chart, make the service a candidate for a higher priority level. If this service does not meet all the elements/details for a given priority level, but nevertheless a higher priority level is warranted, enter that priority level and state appropriate rationale in item 529. Information supplied in items 525, 526A, 526B, and 529 must support the priority level that is being requested.

NOTE: (1) Emergency NS/EP services not otherwise qualifying for a TSP restoration priority level assignment as Essential NS/EP (subcategory A, B, C, or D), may be assigned a TSP restoration priority level 5 for a 1 month period. In this case, enter an E in item 526A and leave item 526B blank. Such 1 month TSP restoration priority level assignment will be revoked automatically unless extended for another 1 month period. A notice of such revocation will be sent to the service user/TCO who in turn will issue a TSP TSR to revoke the priority level. Designation "E" is to be used ONLY if requesting both an Emergency provisioning priority level and a TSP restoration priority level of 5, and the service does not otherwise qualify for a higher TSP restoration priority level.

(2) In the European theater, the United States, as a signatory to the North Atlantic Treaty Organization (NATO), orders leased commercial communications services in accordance with the procedures established in the Allied Long Lines Agency (ALLA) Compendium. These procedures ensure priority restoration of designated U. S. and NATO telecommunications services provided over commercial leased facilities. To comply with the provisions of the treaty and the procedures in the ALLA Compendium, the TSP System priority levels will convert to the NATO ALLA restoration priority system when involving ALLA circuits. Reference 4p, chapter 4, table 1 illustrates this conversion.

Provisioning Priority Information. Complete TSR items 527A-527J and 528A-528C ONLY if requesting a provisioning priority (Emergency or Essential provisioning of a service). Otherwise omit these items. Additional information requested in item 529 is also required. A provisioning priority should not be requested unless all other means to acquire an NS/EP 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 user, normally without regard to associated overtime or expediting costs. In either case, an invocation of NS/EP treatment by an invocation official must occur. (See supplement 11 to this Circular for NS/EP TSP provisioning priority procedures.)

- 527A. Provisioning Priority Subcategory. If requesting an Emergency provisioning priority, enter an E. If requesting an Essential provisioning priority (i.e., non-Emergency), enter the letter (A, B, C, or D) corresponding to the Essential subcategory under which this service qualifies for priority treatment. (Essential subcategories are described in TSR item 526A).
- 527B. Provisioning Priority Criteria. Enter the number corresponding to the subcategory criteria under which this service qualifies. If this is an Essential service, enter the number corresponding to the criteria as listed in TSR item 526B. If this is an Emergency service, enter the appropriate number corresponding to the criteria as listed below.

Chart 1

DETERMINING RESTORATION PRIORITY LEVEL

	PRIORITY LEVELS				
	5	4	3	2	1
SUBCATEGORY	Service Profile Elements/Details				
A National Security * Leadership	A1 or A2 B1	A1 or A2 B1	A1 or A2 B1	A1 or A2 B1	A1 or A2 B1
B National Security Posture and U.S. Population Attack Warning	A1 or A2 B1	A1 or A2 B1 C1 G1, G2 or G3	A1 or A2 B1 C1 D1 or D2 E1 G1 or G2	A1 or A2 B1 C1 D1 or D2 E1 F1 or F2 G1 or G2	
C Public Health, Safety, and Maintenance of Law and Order	A1 or A2 B1	A1 or A2 B1 C1 G1, G2 or G3	A1 or A2 B1 C1 D1 or D2 E1 G1 or G2		
D Public Welfare and Maintenance of National Economic Posture	A1 or A2 B1	A1 or A2 B1 C1 G1, G2 or G3			

* National Security Leadership services qualify for a priority level 1. However, service users should consider distributing some portion of these services among priority levels 2, 3, 4, and 5 to avoid concentrating all of their services at the same priority level.

NOTES:

1. Service profile elements such as Customer Premises Equipment and Customer Premises Wiring must always be maintained/restored in a manner consistent with the response expected of the telecommunications service vendor for the priority level requested.
2. For all subcategories, service users are encouraged to request no higher priority level than is actually required.

Services are eligible for an Emergency provisioning priority if they directly support or result from at least one of the following criteria:

[1] Federal government activity responding to a Presidentially declared disaster or emergency as defined in the Disaster Relief Act (42 U.S.C. Section 5122).

[2] State or local government activity responding to a Presidentially, state, or locally declared disaster or emergency.

[3] Response to a state of crisis declared by the National Command Authorities (e.g., exercise of Presidential war emergency powers under Section 706 of the Communications Act, supra).

[4] Efforts to protect endangered U.S. personnel or property.

[5] Response to an enemy or terrorist action, civil disturbance, natural disaster, or any unpredictable occurrence that has damaged facilities whose uninterrupted operation is critical to NS/EP or the management of other ongoing crises.

[6] 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 NS/EP that it must be provided immediately.

[7] A request from an official authorized pursuant to the Foreign Intelligence Surveillance Act (50 U.S.C. Section 1801 et. seq. and 18 U.S.C. Sections 2511, 2518, 2519).

527C. Provisioning Priority Requested. Enter the requested provisioning priority level (5, 4, 3, 2, 1, or E). See chart 2, "Determining Provisioning Priority Level" (on page 3-61), to determine the appropriate provisioning priority level. Requested service is qualified for the priority level corresponding to the subcategory entered in item 527A and service profile element(s)/detail(s) entered in item 525. (NOTE: If 527A equals "E," then 525 may be "NA," and 527C must also be "E.") Availability of additional service profile elements/details, as identified on the chart, make the service a candidate for a higher priority level. If this service does not meet all the elements/details for a given priority level, but, nevertheless, a higher priority level is warranted, enter that priority level and state appropriate rationale in item 529. The information reflected in items 525, 527A, 527B, 527D, and 529 must support the provisioning priority assignment that is being requested.

527D. Invocation Official's Name. Enter the name of the invocation official. This person must be an authorized official as defined in the glossary and supplement 11 to this Circular. Information in

TSR items 527D, 527E, and 527G is subject to verification. The invocation official's name and title must be on file with the TSP Program Office; otherwise, the provisioning priority cannot be assigned.

- 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 (Area Code/Number/Extension). Enter the commercial telephone number 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. Provide industry contact information, if applicable. Enter the company, name, and telephone number (including area code) of the prime vendor point-of-contact. Separate each item of information with a semicolon.
- 527J. Order In Progress. If the order is in progress (i.e., vendor(s) has/have started work), enter "Y"; otherwise, enter "N."
- 528A. Service User 24 Hour POC Title or Name. Enter the title (or name if no title is available) of the service user 24 hour point-of-contact for this service. This item (and associated items 528B/528C) is required if requesting a provisioning priority. This person may be contacted if the service vendor has questions or needs assistance (e.g., off-hours access) during provisioning or if there is any problem with this service.
- 528B. Service User 24 Hour POC Daytime Telephone Number (Area Code/Number/Extension). Enter the daytime commercial telephone number of the contact identified in TSR item 528A.
- 528C. Service User 24 Hour POC Off-Hours Telephone Number (Area Code/Number/Extension). Enter the off-hours commercial telephone number (e.g., home telephone number) of the contact identified in TSR item 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. Describe in general terms what function and/or mission the service supports (e.g., command and control network, dedicated voice conferencing network). Indicate if this is the subscriber loop portion of a switched service, a point-to-point dedicated private line, multipoint service (or portion thereof), trunk or cellular service. Enter the approximate number of end points if this is a multiple point service. Avoid using or citing acronyms, "buzz"

Chart 2

DETERMINING PROVISIONING PRIORITY LEVEL

	PRIORITY LEVELS					
	5	4	3	2	1	E
SUBCATEGORY	Service Profile Elements/Details					*
A National Security Leadership**	A3 B2	A3 B2	A3 B2	A3 B2	A3 B2	
B National Security Posture and U.S. Population Attack Warning	A3 B2 G1 or G2	A3 B2 C1 G1 or G2	A3 B2 C1 D1 or D2 G1 or G2	A3 B2 C1 D1 or D2 F1 or F2 G1 or G2		
C Public Health, Safety, and Maintenance of Law and Order	A3 B2 G1 or G2	A3 B2 C1 G1 or G2	A3 B2 C1 D1 or D2 G1 or G2			
D Public Welfare and Maintenance of National Economic Posture	A3 B2 G1 or G2	A3 B2 C1 G1 or G2				

* To qualify under the Emergency NSEP category, the service must meet at least one of the criteria listed.

** National Security Leadership services qualify for a priority level 1. However, service users should consider distributing some portion of these services among priority levels 2, 3, 4, and 5 to avoid concentrating all of their services at the same priority level.

NOTE:

For all subcategories, service users are encouraged to request no higher priority level than is actually required.

words, publications, instructions, or directives which are common only to one specific organization. Whenever supplemental information is entered, the new entry will completely replace any previously reported supplemental information for the service. Therefore, do not simply "add" supplemental information unless all previously reported information is also repeated. If this is a request for a preassigned priority, so indicate here, and reference documentation (on-file in the TSP Program Office) which provides supporting rationale. If this request is for a provisioning priority, provide the following information:

a. If an order is already in progress, include the date when the service was ordered.

b. Include an on-site point-of-contact for the service user. If the on-site point-of-contact and the 24 hour point-of-contact provided in item 528A are the same, so note.

c. Include a brief description of the service required; list special service considerations (e.g., circuit/service data rate, dedicated conditioning requirements, unique equipment requirements, cellular requirements); provide circuit number and other identifiers to the extent known; and indicate whether the service is to be "temporary" or "permanent".

d. Indicate if the expedite process was attempted with the normal service vendor contact.

e. Indicate name, title, and organization address of the individual actually obligating the requesting organization to fund any additional charges.

Note: The person authorizing additional charges should be advised the NCC cannot estimate these charges. Any additional charges will be assessed in accordance with applicable tariffs or contracts.

530. Unassigned.

531. TSP Identification. Enter the applicable four position code from the following list (NOTE: The code assigned should be associated with the organization issuing the TSR):

TSP ID Executive Office or Departmental Organization

1200	Agriculture, Department of
2022	Bureau of Alcohol, Tobacco and Firearms
1540	Bureau of Prisons
1300	Commerce, Department of
9700	Defense, Department of (other than military departments);
	includes, but not limited to the following: Defense Advanced
	Research Projects Agency; Strategic Defense Initiatives Agency;
	Defense Telephone Service

9799 Defense Commissary Agency
9701 Defense Information Systems Agency Headquarters
9702 Defense Information Systems Agency TMSO
9703 Defense Information Systems Agency Europe
9704 Defense Information Systems Agency Pacific
97AL Defense Intelligence Agency
97AV Defense Investigative Service
97AS Defense Logistics Agency
97AB Defense Mapping Agency
97AH Defense Nuclear Agency
5700 Department of the Air Force
2100 Department of the Army
1700 Department of the Navy
1524 Drug Enforcement Administration
9100 Education, Department of
8900 Energy, Department of
1100 Executive Office of the President
6920 Federal Aviation Administration
1549 Federal Bureau of Investigation
7500 Health and Human Services, Department of
8600 Housing and Urban Development, Department of
1528 Immigration and Naturalization Service
9750 Information System Procurement Office
1400 Interior, Department of
2050 Internal Revenue Service
97AJ Joint Staff
1500 Justice, Department of
1600 Labor, Department of
97AG National Security Agency
97AD Office of the Secretary of Defense
1900 State, Department of
9777 Technical Research Institute
6900 Transportation, Department of (other than FAA)
2000 Treasury, Department of
6950 United States Coast Guard
1544 United States Marshals Service
2026 U.S. Customs Service
3600 Veteran Affairs, Department of
97WH White House Communications Agency

TSP ID Independent Federal Organizations

5600 Central Intelligence Agency
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

8888	National Coordinating Center
1335	National Telecommunications and Information Administration
3100	Nuclear Regulatory Commission
2400	Personnel Management, Office of
1800	Postal Service, United States
9000	Selective Service System
9999	Telecommunications Service Priority Program Office
6400	Tennessee Valley Authority
6700	United States Information Agency

TSP ID Other Organizations

97CF	Canadian Armed Forces
97NA	North Atlantic Treaty Organization (NATO)

NOTE: For organizations not identified above, contact the NCS TSP Program Office for issuance of a new code.

TABLE 4. COMMUNITY OF INTEREST (COI) EUROPE

SERVING DSN/AUTOVON SWITCH	CODE	COMMUNITY OF INTEREST
Uxbridge MFS	0	None
Mildenhall MFS	1	United Kingdom
Alconbury MFS	2	Germany, Belgium
Fairford MFS	3	Spain, Italy, Greece
Feldberg	0	None
Langerkopf	1	Germany, Belgium
Schoenfeld	2	United Kingdom
Donnersberg	3	Spain, Italy, Greece
Coltano	0	None
Mount Vergine	1	United Kingdom, Italy
	2	Spain, Greece
	3	Germany
Mount Pateras	0	None
	1	Spain, Italy
	2	Greece, United Kingdom
		Turkey
	3	Germany
Torrejon MFS	0	None
	1	United Kingdom
	2	Spain, Greece
	3	Italy, Germany

NOTE: Each switch is capable of recognizing up to three community of interest groups with which each of the four-wire or PBX access lines can be associated. A single-digit code indicates the grouping available at the various switches as indicated above.

TABLE 5. COMMUNITY OF INTEREST PRECEDENCE (COIP)

-
- 0 - Flash Override
 - 1 - Flash
 - 2 - Immediate
 - 3 - Priority
 - 4 - Routine
 - 5 - No Community of Interest
-

NOTE: The community of interest precedence service is the privilege granted to DSN/AUTOVON subscribers or users to exercise a precedence level higher than they are normally authorized, but only within a selected group of subscribers and users. For example, subscribers who have a "Priority" precedence ceiling may be authorized to key-in "Flash" in placing a call to a member of their group or community. Calls to any other DSN/AUTOVON subscriber or user may be completed only on a Priority or lower precedence.

TABLE 6A. DSN MAXIMUM CALLING AREA INDICATOR CODES FOR EUROPE

<u>General</u>	<u>Benelux</u>	<u>Germany</u>
01 - Global	Global	Global
02 - Theater & CONUS	Europe & CONUS	Europe & CONUS
03 - Theater	Europe	Europe
04 - Area	Benelux	Germany
05 - Global with pre-set conferencing	Global with pre- set conferencing	Global with preset conferencing
06 - Theater & CONUS with preset conferencing	Europe & CONUS with preset conferencing	Europe & CONUS with preset conferencing
07 - Theater with pre- set conferencing	Europe with pre- set conferencing	Europe with preset conferencing
08 - Area with preset conferencing	Benelux with preset conferencing	Germany with preset conferencing
<u>Greece</u>	<u>Italy</u>	<u>Spain</u>
01 - Global	Global	Global
02 - Europe & CONUS	Europe & CONUS	Europe & CONUS
03 - Europe	Europe	Europe
04 - Greece	Italy	Spain
05 - Global with pre- set conferencing	Global with pre- set conferencing	Global with preset conferencing
06 - Europe & CONUS with preset conferencing	Europe & CONUS with preset conferencing	Europe & CONUS with preset conferencing
07 - Europe with pre- set conferencing	Europe with pre- set conferencing	Europe with preset conferencing
08 - Greece with preset confer- encing	Italy with preset confer- encing	Spain with preset conferencing

TABLE 6A. DSN MAXIMUM CALLING AREA INDICATOR
CODES FOR EUROPE (CON.)

<u>Turkey</u>	<u>United Kingdom</u>
01 - Global	Global
02 - Europe & CONUS	Europe & CONUS
03 - Europe	Europe
04 - Turkey	United Kingdom
05 - Global with pre- set conferencing	Global with pre- set conferencing
06 - Europe & CONUS with preset conferencing	Europe & CONUS with preset conferencing
07 - Europe with pre- set conferencing	Europe with pre- set conferencing
08 - Turkey with preset conferencing	United Kingdom with preset conferencing

Maximum Calling Area	Description
Area	Area service is limited to traffic between subscribers who are homed on switches in the following geographical areas: Benelux, Germany, Greece Italy, Spain, Turkey, and United Kingdom
Theater	Theater service is defined as service between subscribers who are served through a complex of switching centers in Europe.
CONUS	This service is available to users in Europe that have CONUS access.
Global	Global service will permit calls to any other subscriber throughout the worldwide DSN/AUTOVON system unlimited by geographical location.

TABLE 6B. DSN MAXIMUM CALLING AREA INDICATOR CODES FOR CONUS

<u>General</u>		<u>CONUS</u>
01		Global
02A		CONUS plus Pacific Area
02B		CONUS plus European Area
02C		CONUS plus Caribbean Area
03		CONUS only
05		Global with preset conferencing
06A		CONUS plus Pacific Area with preset conferencing
06B		CONUS plus European Area with preset conferencing
06C		CONUS plus Caribbean Area with preset conferencing
07		CONUS with preset conferencing
Maximum Calling Area	Description	
Local	Local service doesn't apply in CONUS.	
Area	Area service is defined as service between subscribers who are served through a complex of switching centers in CONUS (including Alaska).	
Area plus Eur	This service is available to subscribers in CONUS that have access to Europe.	
Area plus Pac	This service is available to subscribers in CONUS that have access to Pacific.	
Area plus Carib	This service is available to subscribers in CONUS that have access to the Caribbean.	
Global	Service will permit calls to any other subscriber throughout the worldwide DSN/AUTOVON system unlimited by geographical location.	

TABLE 6C. DSN MAXIMUM CALLING AREA INDICATOR CODES FOR CARIBBEAN

<u>General</u>		<u>Corozal</u>	
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	

Maximum Calling Area	Description
Local	Local service is limited to traffic between subscribers who are homed on switches in the Corozal area.
Area	Area service is defined as service between subscribers who are served through a complex of switching centers in the Caribbean area.
Area plus CONUS	This service is available to subscribers in the Caribbean that have access to CONUS.
Global	Global service will permit calls to any other subscriber throughout the worldwide DSN/AUTOVON system unlimited by geographical location.

TABLE 6D. DSN MAXIMUM CALLING AREA INDICATOR CODES FOR PACIFIC

<u>General</u>	<u>Hawaii</u>	<u>Philippines</u>	<u>Guam</u>
01 - Global	Global	Global	Global
02 - Area and CONUS	Pac and CONUS	Pac and CONUS	Pac and CONUS
03 - Area	Pac	Pac	Pac
04 - Local	Hawaii	Philippines	Guam
05 - Global with preset conferencing	Global with preset conferencing	Global with preset conferencing	Global with preset conferencing
06 - Area and CONUS with preset conferencing	Pac and CONUS with preset conferencing	Pac and CONUS with preset conferencing	Pac and CONUS with preset conferencing
07 - Area with preset conferencing	Pac with preset conferencing	Pac with preset conferencing	Pac with preset conferencing
08 - Local with preset conferencing	Hawaii with preset conferencing	Philippines with preset conferencing	Guam with preset conferencing
<u>Japan/Okinawa</u>		<u>Korea</u>	
01 - Global		Global	
02 - Pac and CONUS		Pac and CONUS	
03 - Pacific		Pacific	
04 - Okinawa, Japan		Korea	
05 - Global with preset conferencing		Global with preset conferencing	
06 - Pac and CONUS with Preset conferencing		Pac and CONUS with preset conferencing	
07 - Pac with preset conferencing		Pac with preset conferencing	
08 - Okinawa, Japan with preset conferencing		Korea with preset conferencing	

TABLE 6D. DSN MAXIMUM CALLING AREA INDICATOR CODES FOR PACIFIC (CON.)

Maximum Calling Area	Description
Local	Local service is limited to traffic between subscribers who are homed on switches in the following geographical areas: Hawaii Philippines Japan/Okinawa Korea Guam
Area	Area service is defined as service between subscribers who are served through a complex of switching centers in the Pacific.
Area plus CONUS	This service is available to subscribers in the Pacific that have access to the CONUS.
Global	Global service will permit calls to any other subscriber throughout the worldwide DSN/AUTOVON system unlimited by geographical location.

TABLE 7. SUBSCRIBER RATE CODES

CONUS DSN/AUTOVON SUBSCRIBERS						
TYPE OF SERVICE AND PREEMPTION CAPABILITY	MAXIMUM CALLING AREA			CADIN		
	<u>AREA</u>	<u>AREA PLUS</u> EUROPE/PACIFIC/CARIB		<u>GLOBAL</u>	<u>AREA</u>	
	<u>SR</u> <u>CODE</u>	<u>SR</u> <u>CODE</u>	<u>SR</u> <u>CODE</u>	<u>SR</u> <u>CODE</u>	<u>SR</u> <u>CODE</u>	<u>SR</u> <u>CODE</u>
Phone/Data and Send Only PBX						
Flash (8) ¹	3A	EA	PA	CA	5A	9A
Immediate (6)	3B	EB	PB	CB	5B	9B
Priority (4)	3C	EC	PC	CC	5C	9C
Routine (2)	3D	ED	PD	CD	5D	9D
Straw-hat (8)		ET	PT			
Phone; Phone/Secure Voice; Switch Facility; Secure Voice; Two-Way PBX; Precedence Access Threshold (PAT) Settings						
Flash (4) ¹	3E	EE	PE	CE	5E	9E
Immediate (3)	3F	EF	PF	CF	5F	9F
Priority (2)	3G	EG	PG	CG	5G	9G
Routine (1)	3H	EH	PH	CH	5H	9H
Receive Only	AX					AY
Tail Segment CSA's	BX					BY
Liability Circuits	CX					CY
Equipment Use Only	EX					EY
Emergency Use Only	FX					FY

¹Weighted units in parentheses.

TABLE 7. SUBSCRIBER RATE CODES (CON.)

CARIBBEAN DSN/AUTOVON SUBSCRIBERS					
TYPE OF SERVICE AND PREEMPTION CAPABILITY		MAXIMUM CALLING AREA			
		LOCAL	AREA	AREA AND CONUS	GLOBAL
Phone/Data and Send Only PBX		<u>SR CODE</u>	<u>SR CODE</u>	<u>SR CODE</u>	<u>SR CODE</u>
Flash	(8) ¹	4S	3S	2S	5S
Immediate	(6)	4T	3T	2T	5T
Priority	(4)	4U	3U	2U	5U
Routine	(2)	4V	3V	2V	5V
Phone; Phone/Secure Voice; Switch Facility; Secure Voice; Two-Way PBX; Precedence Access Threshold (PAT) Settings					
Flash	(4) ¹	4W	3W	2W	5W
Immediate	(3)	4X	3X	2X	5X
Priority	(2)	4Y	3Y	2Y	5Y
Routine	(1)	4Z	3Z	2Z	5Z
Receive Only		AS			
Tail Segment CSA's		BS			
Liability Circuits		CS			
Equipment Use Only		ES			
Emergency Use Only		FS			

¹Weighted units in parentheses.

TABLE 7. SUBSCRIBER RATE CODES (CON.)

PACIFIC DSN/AUTOVON SUBSCRIBERS					
TYPE OF SERVICE AND PREEMPTION CAPABILITY		MAXIMUM CALLING AREA			
		LOCAL	AREA	AREA AND CONUS	GLOBAL
Phone/Data and Send Only PBX		<u>SR</u> <u>CODE</u>	<u>SR</u> <u>CODE</u>	<u>SR</u> <u>CODE</u>	<u>SR</u> <u>CODE</u>
Flash	(8) ¹	4I	3I	2I	5I
Immediate	(6)	4J	3J	2J	5J
Priority	(4)	4K	3K	2K	5K
Routine	(2)	4L	3L	2L	5L
Straw-Hat	(8)		3Q		
Phone; Phone/Secure Voice; Switch Facility; Secure Voice; Two-Way PBX; Precedence Access Threshold (PAT) Settings					
Flash	(4) ¹	4M	3M	2M	5M
Immediate	(3)	4N	3N	2N	5N
Priority	(2)	4P	3P	2P	5P
Routine	(1)	4R	3R	2R	5R
Receive Only		AI			
Tail Segment CSA's		BI			
Liability Circuits		CI			
Equipment Use Only		EI			
Emergency Use Only		FI			

¹Weighted units in parentheses.

TABLE 8. SUBSCRIBER RATE CODES (AUTODIN)

STANDARD AUTODIN MSU SERVICE	
TYPE OF SERVICE	SR CODE
4800 baud MSU	DL
4800 baud Hybrid	DM
2400 baud MSU	DA
2400 baud Hybrid	DB
1200 baud MSU	DC
600 baud MSU	DN
300 baud MSU	DE
150 baud MSU	DG
Teletypewriter	DJ
Equipment Only	DY
On-Base Extension	DZ

TABLE 8. SUBSCRIBER RATE CODES (AUTODIN) (CON.)

AUTODIN QUERY/RESPONSE SERVICE
(Applies to Q/R Terminals Only)

ACCESS LINE SPEED	NO OF TERMINALS ACCESSED BY HOST	AREA ¹	SR CODE AREA PLUS ²	WORLDWIDE
High Speed (2400, 4800 baud)	1	L1	L5	L9
	2	L2	L6	LA
	3	L3	L7	LB
	4	L4	L8	LC
	5	LD	LF	LH
	6	LE	LG	LJ
Medium Speed (600, 1200 baud)	1	K1	K5	K9
	2	K2	K6	KA
	3	K3	K7	KB
	4	K4	K8	KC
	5	K5	KF	KH
	6	KE	KG	KJ
Low Speed (75, 150, 300 baud)	1	J1	J5	J9
	2	J2	J6	JA
	3	J3	J7	JB
	4	J4	J8	JC
	5	JD	JF	JH
	6	JE	JG	JJ

¹Area Service includes
one of the following:

- (1) CONUS (excluding Hawaii)
- (2) Pacific (including Hawaii)
- (3) Europe

²Area Plus Service includes one
of the following:

- (1) CONUS to Europe or
Europe to CONUS
- (2) CONUS to Pacific or
Pacific to CONUS

TABLE 9. SUBSCRIBER USAGE RATE CODES (DDN)

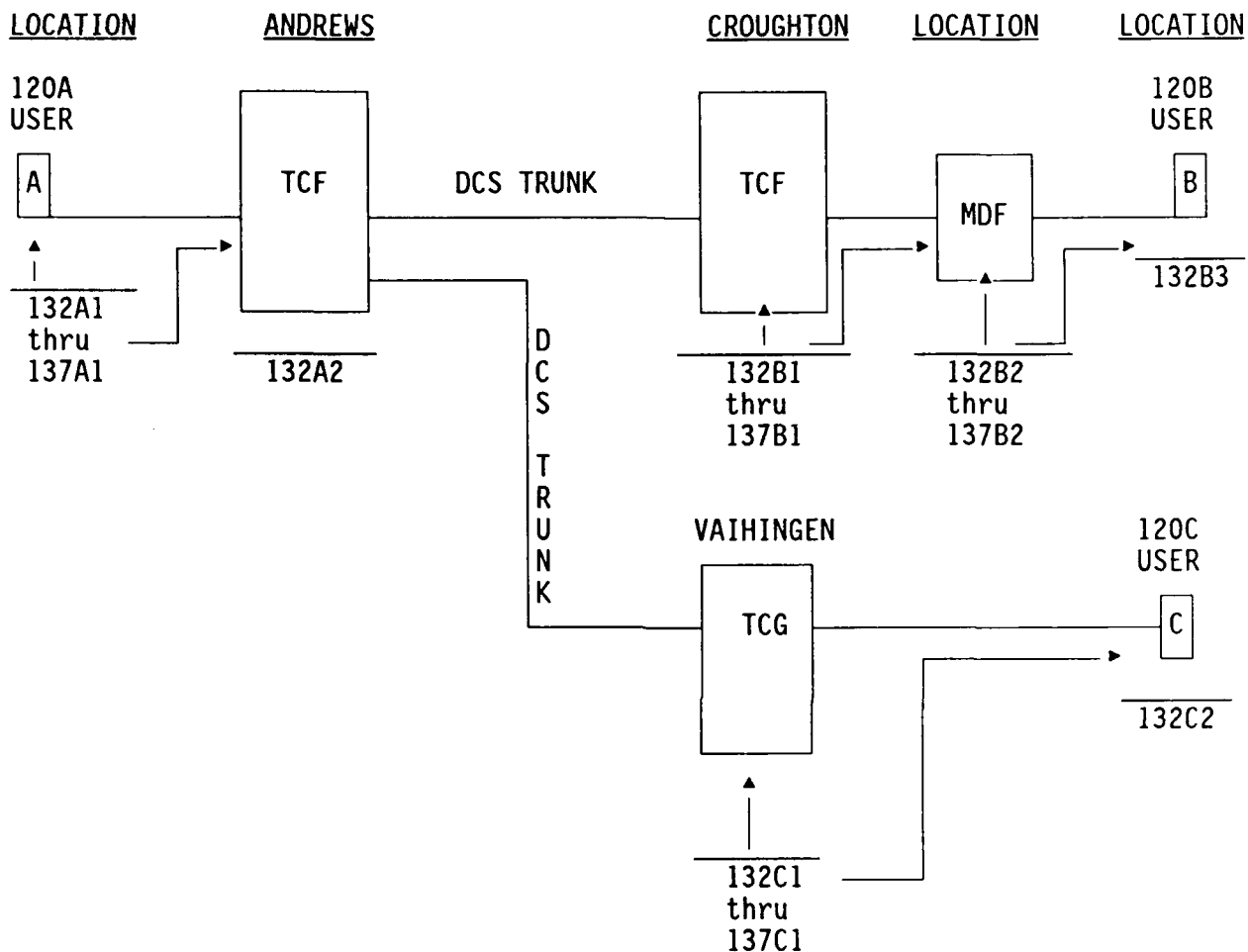
(Reserved for Future Use)

TABLE 10. CONUS AUTODIN EQUIPMENT DESIGNATOR CODES--
CAPABILITIES AND RESTRICTIONS

<u>Language Media Formats (LMF's)</u>								
<u>Code</u>	<u>Equipment</u>	<u>Mode</u>	<u>MOP</u>	<u>Format</u>	<u>Accepted for Output</u>	<u>Rejected Output</u>	<u>Converted on Output From</u>	<u>To</u>
TO	ITA-2 paper tape	A11	A11	JNAP	C,A,T,R,F, G,N,K,L,Y&W	S,H,E,D, B&I	C,A,F,G, N,K,L,Y&W	T
AO	ASCII paper tape	A11	2,3 &5	JNAP	C,A,T,E,F,G, N,K,L,Y&W	S,H,R,D, N,K,L,B&I	C,T,F,G, Y&W	A
CO	Cards only	I	4&5	JNAP	S,C,H,A,T,F, G,N,K,L,Y&W	R,E,D,B&I	A,T,F,G, N,K,L,Y&W	C
CT	Compound terminal cards/ITA-2 tape	I	4&5	JNAP	S,C,H,A,T,R, F,G,N,K,L,Y&W	E,D,B&I	F,G,N,K,L Y&W T A (IAW 2nd LMF)	T or C
CA	Compound terminal cards/ASCII tape	I	5	JNAP	S,C,H,A,T,E, F,G,N,K,L, Y&W	R,D,B&I	F,G,N,K,L, T (IAW 2nd LMF)	A or C
FT	ITA-2 paper tape	A11	A11	ACPF	C,A,T,R,F,G, N,K,L,Y&W	S,H,E,D, B&I	T,R,A&C	ACPF Format
FA	ASCII paper tape	A11	2,3 &5	ACPF	C,A,T,E,F,G, N,K,L,Y&W	S,H,R,D, B&I	T,E,A&C	ACPF Format
MO	Magnetic tape & cards	I	5	JNAP	S,C,H,B,D,I, A,T,F,G,N,K, L,Y&W	E&R	A,T,F, G,N,K,L, Y&W	C
MT	Magnetic tape & cards/ ITA-2 tape	I	5	JNAP	S,C,H,D,B,I, A,T,R,F,G,N, K,L,Y&W	E	F,G,N, K,L,Y&W A (IAW 2nd LNF)	T or C
MA	Magnetic tape & cards ASCII tape	I	5	JNAP	S,C,H,D,B,I, A,T,E,F,G,N, K,L,Y&W	R	F,G,N,K, L,Y&W A T (IAW 2nd LMF)	A or C

TABLE 11. OVERSEAS AUTODIN EQUIPMENT CODES (LMF CAPABILITY)

CODE	EXPLANATION
MO	Card and mag tape (JANAP 128/128M)
TO	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	Mag tape and ITA No. 2 TTY (JANAP 128/128M)
MA	Mag 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)



NOTES:

1. Locations A, B, and C require completion of items 120A through 131A, 120B through 131B, and 120C through 131C.
2. Locations may be:
 - a. At the user location.
 - b. A DCS interface point.
 - c. A non-DCS location.
 - d. Any location required by the TCO.

FIGURE 3. TYPICAL INTERCONNECTING MEDIA, USER TO DCS INTERFACE POINT

CHAPTER 4. SUBMISSION OF VALIDATED TELECOMMUNICATIONS SERVICE REQUESTS (TSR'S)

1. General. Telecommunications Service Requests for DCS service will be submitted to the DISA action agency responsible for providing the required service and to other addressees as necessary, depending upon the type of service required. The TCO must first determine the major category of service into which the requirement falls and then submit the TSR in accordance with the pertinent instructions contained in this chapter. All leased or Government-owned communications which interconnect posts, camps, stations, and bases, except when a specific request for exception by the customer has been approved by Headquarters, DISA, Code DOC, are considered DCS assets.

2. Service Provided by DISA Action Agencies.

a. Services provided by DISA action agencies are categorized as follows:

(1) DCS service to fulfill:

(a) Special user requirements (Headquarters, DISA).

(b) Inter-DISA area routing and DCS areas 1, 2, 6, and 9 (DISA TMSO) requirements.

(c) DCS areas 3, 4, and 5 (DISA-Europe); DCS areas 7 and 8 (DISA-Pacific) requirements.

(2) Non-DCS service to fulfill DoD and certain non-DCS requirements.

b. Within the foregoing categories of DCS service, there are certain requirements, such as DSN/AUTOVON, AUTODIN, DDN, DISN, weather, Canadian, and Australian requirements, that are processed differently from the others. The normal processing of service requirements is discussed in paragraph 3; exceptions as noted herein are covered in paragraph 4. The processing of non-DCS requirements is covered in paragraph 3e.

c. When reviewing a particular requirement to determine its appropriate service category, the TCO must review each category that could apply. For example, a requirement could pertain to facilities completely within DCS areas 1 and 2 (areas for which DISA TMSO is normally responsible), but the requirement could be in the category of "special user requirements" processed by Headquarters, DISA (see paragraph 3a) or within one of the categories of exceptions noted in paragraph 2b.

3. Submission of TSR's for DCS Service. The following instructions pertain to submission of TSR's for DCS service within each of the categories noted in paragraph 2a.

a. Submission of TSR's for DCS Special User Requirements. (Figure 4 pertains to processing of special user and interarea requirements.)

(1) TSR's pertaining to DCS service (circuits and trunks) required to meet the special user requirements which follow will be submitted to Headquarters, DISA/DOCA.

(a) Requirements in support of the President, the Secretary of Defense, the Joint Staff, the NMCC, and the ANMCC.

(b) Requirements to provide DCS service in support of the non-DoD, NCS operating agencies, and other non-DoD agencies authorized to use the DCS.

(c) NATO circuit requirements for transatlantic and intra-CONUS service: DISA Europe (U.S. NALLA) will interface with the NATO requester (e.g., through the NALLA's) for processing NATO requirements. After reviewing each requirement (e.g., ALLA form 2) for pertinent information (e.g., NCS restoration priority equivalent) and for leased requirements, for the name of the U.S. carrier(s) with whom the order is to be placed, and for billing information, DISA Europe (U.S. NALLA) will forward the requirement to DISA/DOCA, for TSO processing. During crisis and war, the European NALLA's are tasked to insure that the communications capabilities of the commercial networks provide maximum support to military forces and critical Government functions. DISA Europe as the U.S. NALLA will directly interface with the European NALLA's and commercial carriers, to insure that all U.S. requirements (including transatlantic circuits) are afforded the attention required to assure satisfactory performance. The role of NALLA U.S. will complement Headquarters, DISA/DECCO operational responsibilities for transatlantic leased circuits in wartime, in accordance with annex VIII to volume I of ALLA compendium. Requirements to provide DCS service to foreign governments or international organizations shall comply with references 4t and 4v. TSR's will reference applicable international agreements or FMS case.

(2) The special user requirements that are assigned the following purpose-use codes as defined in reference 4b: AP, CQ, DJ, DK, DM, DO, DS, DT, FB, KN, KR, KW, KZ, SB, TF, VP, VQ, WF, WG, WH, WJ, WK, will be submitted to Headquarters, DISA/DOCA, whether the requirement is for dedicated or switched network service.

b. Submission of TSR's for Inter-DISA Area and for DCS Areas 1, 2, 6, and 9 Requirements. TSR's for inter-DISA area service, and for DCS service within DCS areas 1, 2, 6, and 9, will be submitted to DISA Telecommunications Management and Services Office (TMSO), Scott AFB, Illinois. TSR's in these categories, excluding special user, DISA-Europe, and DISA-Pacific requirements (see paragraph 2 of this chapter), and excluding TSR's which are processed differently from normal TSR's (see paragraph 4 of this chapter), are processed as follows:

(1) TSR's for DCS service that will extend from the DCS geographical area(s) served by one DISA action agency to that of another will be processed as shown in figure 4.

(2) If the requirement is for equipment only and is to be filled solely by leasing action within one specific area, figure 5 applies.

(3) TSR's for other U.S. requirements for DCS service within and between areas 1, 2, and 9 will be processed in accordance with figure 6, except for "leased equipment only" requirements, covered in figure 5, and requirements for Continental Air Defense Integration North (CADIN) Switched Access Line and interswitch trunk requirements which are processed in accordance with figures 7A through 7F. Requirements for service in Alaska will be submitted to DISA TMSO.

(4) Requirements in support of USCENTCOM (area 6) will be processed in accordance with figure 25.

c. Submission of TSR's for DCS Service Within Areas 3, 4, and 5 (DISA-Europe). Certified TSR's for service wholly within areas 3, 4, and 5 will be submitted to the appropriate DISA office and to USCINCEUR for action in accordance with figure 8.

d. Submission of TSR's for DCS Service Within Areas 7 and 8 (DISA-PAC). Validated TSR's for service in these areas, except for special user requirements, will be submitted (in accordance with figure 9) for action to DISA-Pacific, with information copy to CINCPAC for approval by exception. In-country requirements must include CINCPAC representative approval under item 503 of the TSR.

e. Submission of TSR's for Non-DCS Leased Requirements. TSR's for non-DCS leased service will be submitted directly to DECCO in accordance with figure 10. TSR's for non-DCS equipment only will be submitted directly to DECCO in accordance with figure 5. TSR's forwarded to DECCO for action should be addressed to: "DECCO SCOTT AFB, IL" using routing indicator "RHCUDCO." (See glossary of terms for discussion of non-DCS requirements.)

f. Submission of TSR's for TSP Assignment. Service users/TCO's must request priority level assignments for their Emergency or Essential NS/EP services. Commercial NS/EP telecommunication services within the United States (i.e., 50 states, U.S. territories, U.S. possessions) are eligible for TSP assignments. Since the sole worldwide system for restoration of DoD telecommunication services is the TSP System, all TSR's requesting service which may qualify for a TSP restoration priority, will be submitted to NCS. Detailed guidance concerning the submission of TSR's for TSP assignment is contained in chapter 2, paragraph 9, chapter 3, paragraph 5g, and supplement 11. TSR's for service (leased or Government-owned), which qualify for priority provisioning and/or restoration treatment, will be submitted for TSP assignment according to the following criteria:

(1) In addition to the number of copies required by appropriate flow charts, a copy will be submitted to "MGR NCS-TSP WASHINGTON DC" if both of the following conditions are met:

(a) The service (e.g., circuits) must qualify as NS/EP and support an NS/EP function. The service must satisfy the requirements of a TSP category, subcategory, and criteria and be eligible for a priority level. See the definition of NS/EP in the glossary of terms and NS/EP subcategory criteria discussed in chapter 3, paragraph 5g.

(b) Within the DoD, to qualify for a TSP restoration priority, the service may be leased or government owned (DCS), and be located anywhere throughout the world. (NOTE: TSP provisioning priorities under NS/EP are only assigned within the U.S. See chapter 2, paragraphs 2d and 2e for information concerning submission of communications requirements for emergency and urgent service in Foreign areas not subject to NS/EP provisioning priority procedures.)

(c) The service may be provided by one or more prime service vendors and each may have any number of subcontractors.

(d) Each occurrence of a service otherwise meeting the above requirements will require a different TSP Authorization Code, and have a separate TSP request. For example, air route traffic control centers throughout the U.S. have Remote Control Air Ground (RCAG) services. Each specific RCAG service (e.g., circuit) requires its own TSP Authorization.

(2) Within the U.S., service users/TCO's may request priority treatment on any service offering for which the selected vendor is capable of providing priority treatment and which meets the above requirements. In general, service vendors can provision and restore dedicated services on a priority basis (e.g., dedicated circuit or subscriber loop portion of a switched service). However, service vendors might not be able to restore switched services on a priority basis. Service users/TCO's should therefore become familiar with the ability of service vendors to provide priority treatment to switched services. When in doubt, the service user/TCO should contact the service vendor to determine if the vendor can provide priority treatment for a service.

(3) TSR's, containing the appropriate TSP information, will be submitted to NCS in order to accomplish one of the following TSP actions:

(a) An initial TSP assignment for a new or existing service.

(b) An initial TSP assignment for an existing service which has a priority under the Restoration Priority System and which qualifies under the TSP System for a priority.

(c) A change in a TSP assignment.

(d) A change to any information about a service which has a priority assignment.

(e) The revocation of a TSP assignment.

(f) The revalidation of a TSP assignment.

(g) A preassigned priority assignment.

(4) After receiving a request for a priority level assignment from a service user/TCO, the NCS (within two working days) provides a notice to the service user/TCO and applicable DISA Action Agency with the priority level

assignment included in a TSP Authorization Code. The DISA A & E Activity and/or DECCO, in turn, provides the TSP Authorization Code on a TSO/service order to a telecommunications service vendor or to a DCS Station.

(5) Circuits having no TSP assignment and TSR's which do not fall within the criteria above do not require approval by NCS.

(6) Coordination of TSP assignments with the appropriate unified or specified commander is required when telecommunications requirements involve communications facilities into, within, or through the geographical area of responsibility of such commanders.

g. Submission of TSR's for DCS Service and Leased Terminal Equipment. TSR's which contain requirements for both DCS service and leased terminal equipment will be submitted to a DISA A&E activity as a DCS requirement in accordance with flow charts in figures 4 through 9 and 11 through 18. In these cases, DECCO will identify all circuit and related equipment costs as DCS, and the user terminal equipment costs as non-DCS, except user terminal equipment leased for DISA, which will be identified as DCS. Any request for deviation from this procedure will be forwarded to Headquarters, DISA, DOC, for approval.

h. Submission of TSR's for Discontinuance of Service. TSR's will be issued to request discontinuance of service in the same format used to start service (see supplement 8 for minimum required items), with all the pertinent information required to identify the service included. The service date will show the last date of the requirement. (Avoid the use of the last day of the week or month if the last required date of use will be earlier.) For leased services, payment will continue until the disconnect date shown on the DECCO disconnect order or through the disconnect processing period required by tariff. Anticipated multiple disconnects should be coordinated with the DISA action agency as far in advance as possible. When circuits, equipment, or facilities have been specially constructed or assembled by commercial interests and then leased to DECCO under minimum revenue guarantees or contingent termination liability agreements, it is recommended that the TCO check with the leasing activity prior to issuing a TSR for the discontinuance or termination of services. (See tables 12, 13, and 14 for leadtimes.)

i. Submission of TSR's for Temporary Service. TSR's for temporary service must include the service dates in items 106A/106B, the discontinue date in item 114, and the type of action word TEMPORARY in item 103, as well as other items specified for START service in supplement 8.

j. Submission of TSR's for Temporary Circuits in Support of an Exercise. TSR's for temporary exercise service must:

(1) Contain the word TEMPORARY in item 103.

(2) Include the appropriate service dates in items 106A/106B. When service is requested with less than 90 days leadtime, and to allow for flexibility of the contracting officer, an additional date should be established indicating the last possible date service is acceptable to meet the needs of the exercise.

(3) Include disconnect date in item 114 and "TEMP-EXEC" in item 112.

(4) If applicable, enter the DISA Control Number (DCN) in item 415A. Assignment and content of the DCN is as follows:

(a) DCN assignment: A unique DCN will be assigned to a given exercise under conditions indicated below. The number will be assigned by the activity indicated. The exercise is:

1. Sponsored by Joint Staff or a CONUS-based unified or specified command or MILDEP, and the sponsor or his TCO has specifically requested a DCN be assigned. The DCN will be assigned and distributed by DISA TMSO Scott AFB, IL.

2. Sponsored by a European-based unified or specified command or European-based DoD activity and the sponsor or his TCO specifically requested a DCN be assigned. The DCN will be assigned by DISA-EUR/DEEA.

3. Sponsored by a Pacific-based unified or specified command or other Pacific-based DoD activity and the sponsor or his TCO specifically requested a DCN be assigned. The DCN will be assigned by DISA-PAC DPIE.

(b) The DCN consists of four alphanumeric characters, constructed as follows:

1. First character: Exercise sponsor; e.g. unified and specified commands, Army, Navy, etc., using the agency codes from DISAC 310-65-1, chapter 14.

2. Second character: The last position of the calendar year the exercise is to be held; e.g., 2 for 1992.

3. Third and fourth character: Exercise serial number 01 through 99 for the year of the exercise assigned by the responsible DISA activity in accordance with paragraph 3j(4)(c) below.

(c) DCN serial number block assignment:

01-49	DISA TMSO, Scott AFB, IL
50-74	DISA-EUR DEEA, Vaihingen GE
75-99	DISA-PAC DPIE, Wheeler AFB, HI

(d) DCN example: R201, which indicates that the exercise is sponsored by a unified or specified command. The exercise will be held in 1992 and serial number 01 is assigned. The number was assigned by DISA TMSO, which is apparent from the serial number (last two characters). (See paragraph 3j(4)(c) above for serial number block).

(5) Exercise name (if unclassified) in item 415B. If exercise name or its association with other parts of the TSR is classified, submit the classified item(s) under separate cover.

(6) All other items apply as specified for start service in supplement of 8 of this Circular.

k. Submission of TSR's for United Kingdom Defense Telegraph Network (UK DTN) Service. The UK DTN consists of Voice Frequency Carrier Telegraph (VFCT) systems between commercial tiepoints throughout the United Kingdom. Under agreement between the United States and United Kingdom, the United States may lease channels within this network at cost savings if the lease is for a long-term requirement. In accordance with the agreement, the activity for which a channel is leased becomes obligated to pay for the channel, whether used or not, until it is reassigned to another activity. (See chapter 3, item 117, this Circular for UK DTN funding citation instruction.)

l. Submission of TSR's for Public Data Network (PDN) Services. PDN services are broken down into three distinct categories with separate processing procedures.

(1) Network Service. This category includes all requirements for dedicated circuit access to PDN's. Considered DCS service, it usually involves connection of a host computer to a network node of a PDN carrier so that an associated community of dial-up terminals can communicate with the host. The dedicated host and its associated users who can access the PDN by dialing their nearest PDN node constitute a customer network. DECCO contracts for a network with a single CSA, and the PDN carrier renders a single monthly bill for all recurring, nonrecurring, and measured usage for the network. Once a network service is established; i.e. a host dedicated access facility with a community of user terminals (usually dial-up), additional dial-up users may be authorized by the host computer manager without processing TSR's to DISA action agencies. Only when a high usage terminal needs a dedicated access line to a PDN node must the user or host computer manager initiate TSR action to a DISA action agency. See figure 21 for processing requests for network service.

(2) Overseas Access. This category of service involves the connection of overseas dial-up users to CONUS PDN's. Considered non-DCS service, TSR's are forwarded by TCO's directly to DECCO Scott or DECCO Europe. DECCO Scott contracts for service in Hawaii and Alaska through CONUS PDN carriers, while DECCO Europe contracts through Postal Telephone and Telegraphs (PTT's) or other authorized agents in DISA areas 3, 4 and 5. In Pacific areas other than Hawaii, military activities acquire service through their appropriate MILDEP acquisition authorities. See figure 22 for processing instructions.

(3) Electronic Mail. Domestic and foreign PDN carriers may offer electronic mail separate from basic network service. PDN computer switches are used for electronic mail formatting, storage, and forwarding. To obtain this type of service, TCO's forward TSR's directly to DECCO or DECCO Europe on behalf of electronic mail network sponsors. DECCO Scott contracts for service in CONUS, Hawaii, and Alaska from domestic carriers while DECCO Europe processes requirements to carriers and other offerors in DISA areas 3, 4 and 5. See figure 23 for requirements flow. Designated MILDEP contracting activities lease requirements in Pacific area other than Hawaii. DECCO contracts for electronic mail services offered by PDN carriers but does not contract for similar services

offered by teleprocessing companies that market a whole range of data processing services. GSA has established the Teleprocessing Services Program for acquisition of Government teleprocessing requirements.

m. Submission of TSR's for Precedence Access Threshold (PAT) settings for DSN. The PAT is a switch software function that limits the number of originated calls that can enter the DSN at various precedence levels and calling area combinations. Current switch technology is capable of instituting multiple PAT tables in support of differing mission/subscriber requirements. Each PAT table consists of individual cells defined by MCAI/MCAP.

(1) Initial PAT settings of a DSN switch. Initial PAT settings for DSN switches are established as described below:

(a) Switches with prior AUTOVON access. When an existing PBX with AUTOVON access is replaced by a DSN end office (EO) or EO portion of a multi-function switch (MFS), the initial PAT settings, by precedence level and calling area, will be identical to the authorized number of AUTOVON access lines, by precedence level and calling area, that were in service prior to cut-over. This does not require Joint Staff MOP 8 action; however, TSR messages must still be submitted by TCO's for network management and billing purposes. TSR's to deactivate PBX trunks being replaced by PAT's must also be submitted to avoid duplicate billing.

(b) Switches without prior AUTOVON access. Locations activating DSN EO's that do not presently receive AUTOVON service via AUTOVON access lines will follow the procedures for new PAT settings as described in para 3n(2) below.

(2) New PAT settings or changes to authorized PAT settings. The process for establishing new PAT settings or changing established PAT settings is outlined below:

(a) Approval for precedence users must be obtained in accordance with Annex B to Appendix A of CJCS MOP 8.

(b) After determining the user population by precedence and calling area capability (MCAI/MCAP), the PAT ratio table contained in reference 4m will be used for guidance in calculating switch PAT settings.

(c) Upon certification of requirements, TCO's will generate a record purpose TSR to order new PAT settings, or change existing PAT settings. As a minimum, TSR's must contain the following items: 101, 103, 106A, 116, 117, 120A, 121A, 122A, 123A, 130A, 131A, 208, 212, 213, 232, 238, 240, 241, 401, 402, 409. A TSR for PAT ordering is required for every unique PDC within a PAT cell (MCAI-MCAP)/ PAT table combination. For example, if in PAT table 01, you require ten global immediate PAT settings and six PAT settings are to be charged against one PDC and four PAT settings are to be charged against another PDC, then two different TSR's are required.

(1) For actions affecting OCONUS locations, TCO's will ensure that the TSR is sent action to: DECCO//RRB// for billing purposes; DISA Area Centers (DISA PAC//DPSM// or DISA EUR//DEIS//); and INFO to DISA/DOVO.

(2) For actions affecting Western Hemisphere (WESTHEM) locations, TCO's will ensure that the TSR is sent to DECCO//RRB// for billing purposes; O&M location controlling switch activity; and DISA WASHINGTON DC//DOVW// for management information.

(d) The DISA Area Centers (DISA PAC/DISA EUR) will process the TSR and generate a Switch Revision Message (SRM) in accordance with reference 4r. SRM messages will be sent to the TCO activity which generated the TSR and to the O&M location controlling switch activity. PAT SRM's will be used in OCONUS only. Within WESTHEM, switch notification is an O&M TCO responsibility.

(e) Upon completion of action specified in the SRM for OCONUS locations and in the TSR for WESTHEM locations, switch O&M activities will generate a completion report (CRP) using format contained in chapter 2, paragraph 10, of this circular. A PAT CRP example is contained in supplement 1 of this Circular.

4. Exceptions to Normal TSR Processing Procedures.

a. DCS Switched Voice (DSN/AUTOVON) Requirements.

(1) TSR's for DSN/AUTOVON service are processed in accordance with flow charts, figures 11, 12, and 13.

(2) DISA TMSO reviews all requests for DCS switched voice access line service and changes to existing service within DCS areas 1, 2, 6, and 9, except for special requirements shown in paragraphs 2b and 3a of this chapter, for compatibility with establishing directives prior to releasing to DECCO for leasing action.

(3) Leadtimes for normal switched voice requirements are shown in tables 12 and 14.

(4) "Emergency NS/EP" requirements within CONUS may be handled by oral coordination, with documentation following within 48 hours. The DISANOC duty officer during nonduty hours may order "Emergency NS/EP" requirements through the contractor representative stationed at DISANOC or through the DECCO duty officer. (See information in chapter 2, paragraph 9; chapter 3, paragraph 5g; chapter 4, paragraph 3f; and supplement 11 for information concerning processing of "Emergency NS/EP" TSR's.)

(5) Certain types of normal DSN/AUTOVON access line service within CONUS will be processed without reference to the leadtime requirement. This category of requirements will include local moves and additions or extensions and other requirements of a minor nature. The TCO can obtain specific information concerning any particular leadtime requirement from the DISA action agency.

(6) TCO's can designate a specific DCS switched voice switch in the TSR if the requirement involves an additional access line to an existing hunt group, diverse routing, or dual homing for survivability. Otherwise, the DISA action activity will order the circuit facilities to the most cost effective available switch.

(7) All requirements for DCS switched voice service processed in the form of an implementing plan will be submitted to Headquarters, DISA/DIS, with information copy to DECCO or the DISA action agency concerned. Leasing or allocation action will not be initiated until engineering, scheduling, and specific authorization are granted by Headquarters, DISA DIS.

(8) As a normal procedure, DCS switched voice service to a given central office or switchboard will be in rotary. The savings realized by use of rotary operation are appreciable with small groups of lines, with the savings decreasing gradually until at approximately 40 lines per group the difference is overshadowed by other considerations. Direct subscriber lines are usually installed at separate locations and are not always candidates for rotary. Where two or more direct subscriber lines are located in the same room or office, they will normally be installed in rotary. Also, the TCO's will specify in the TSR if new requirements are or are not to be placed in rotary with existing lines.

(9) The procedures to be utilized for approval of requirements are contained in reference 4e. Joint Staff and CINC approval and coordination will be completed prior to the submission of the TSR.

(10) Standard guidelines for original DCS switched voice access line network-in-out-dial (NIOD) configurations and conversions are set forth in reference 4m. When ordering such service, all requests for configurations, rearrangements, or conversions of AUTOVON access line service must be in accordance with the guidelines contained in reference 4m.

(11) Certifying activities for DoD subscribers served by a General Services Administration (GSA) Exchange will forward any requirements for DCS switched voice service for these subscribers in accordance with the procedures outlined in figure 11, providing the regional GSA representative and the GSA concur in terminating the DCS switched voice to the GSA Exchange.

(12) In overseas areas, the DISA area will provide DSN/AUTOVON access line service based on the availability of facilities (either Government-owned or leased) and the importance of the requirement in relation to other outstanding requirements for service.

b. AUTODIN Requirements.

(1) Processing of Requirements. TSR's for AUTODIN service from departments, offices, and agencies of the DoD, other than those excluded by paragraph 3a above, are submitted and processed in accordance with flow charts shown in figures 14, 15, and 16. TSR's for AUTODIN service to fulfill DCS interarea routings and special user requirements covered in paragraph 3a are processed in accordance with the flow chart in figure 4.

(2) Evaluation of Requirements.

(a) Each requirement for AUTODIN service will be carefully evaluated to determine the impact on the network and to ensure that the subscriber terminal equipment provided is fully capable of processing the expected traffic volume without degradation of the quality of service. Procurement of equipment by

purchase or lease must be accomplished in a competitive manner, whenever possible. Also, since the majority of AUTODIN upgrading actions involve complex computer terminals, the possibility of the failure of such terminals during the first few days after activation should be a matter of concern. TCO's should consider authorizing the retention of existing terminals for a short time after activation of the new terminal to assure its reliability. The time period for retention of the existing terminal is a matter for TCO determination; however, a minimum of 72 hours is recommended.

(b) DISA areas review all requests for AUTODIN access lines terminating within their respective area, except as prescribed in paragraph 4b(4), to determine compatibility with established engineering criteria, compliance with existing directives, probable impact on the network, the specific subscriber terminal equipment to be furnished, method of providing equipment operating speed, and other pertinent factors prior to approval and release for implementing action. The specific subscriber terminal equipment to be furnished is based on the input and output means desired, features, functions, and peripheral equipment required, type of channel coordination desired, equipment availability, and relative costs.

(c) Headquarters, DISA, Data Network Management Directorate (DOD), will review and evaluate all requests for AUTODIN service to fulfill DCS interarea and special user requirements and requirements for the use of DCS facilities by non-DoD agencies prior to release to DISA areas. Depending upon the nature of the requirement, the release may specify the specific subscriber terminal equipment to be provided or may provide the information required by the DISA area to make such determination.

(3) AUTODIN Switching Center Assignment. The TCO may recommend a specific AUTODIN Switching Center (ASC) in the TSR for any AUTODIN circuit and will designate the ASC if the requirement involves diverse routing or dual homing for survivability. In such cases, the TSR must contain sufficient details to permit evaluation of the need for assignment to the specific ASC indicated. The assignment of the ASC will be made by the DISA action agency concerned, based on considerations such as the TCO-recommended ASC, DISA AUTODIN restoral plan, community of interest, geographical location, capability of selected ASC to provide the specific service, and other pertinent factors. When diverse routing or dual homing requirements necessitate termination of an access line in a specific ASC, it may become necessary to rehome other access lines to different ASC's to make a termination available. Cost involved in making such rehomes must be borne by the agency requiring the specific ASC assignment. The DISA action agency will inform the TCO of the cost involved in making the specific ASC assignment.

(4) Automated Message Processing Equipment Requirements. Requirements for AUTODIN service, involving the procurement of an Automated Message Processing Equipment (AMPE) system (equipment to perform in-station communications processing and distribution functions), either existing or proposed, Government-owned, or long-term leased, require DoD approval, unless a specific program has been exempted by prior approval.

(5) ADPE Requirements. Plans to utilize existing or future ADPE, either Government-owned or leased through source other than DECCO, as AUTODIN terminals or interface devices, will be coordinated with Headquarters, DISA DOD prior to the initiation of action to acquire or utilize the equipment, and prior to the release of a TSR requesting connection to AUTODIN. This coordination will enable DISA to ascertain that the equipment meets established criteria and to assure compatibility with the network.

(6) Leadtimes.

(a) Normal requirements for AUTODIN access line service are processed for implementation based on the leadtimes shown in tables 12 and 14.

(b) Certain types of AUTODIN service requirements can be processed without reference to the leadtimes. This category includes rehomes, discontinuances, and minor equipment relocations and modifications. The TCO can obtain information concerning a particular type of requirement from the DISA action agency.

(7) Role of DECCO. DECCO provides central inventory control of leased DCS AUTODIN equipment, to include that available for lease; i.e., that authorized but not yet operational and that deactivated and pending release from DCS use. In this capacity, DECCO monitors the status of leased equipment items from the time of acquisition or allocation for the DCS until final disposition; i.e., time item is released from DCS resource status by sale, destruction, or return to control of non-DCS activity. An equipment item pending installation as an operational element of the DCS becomes a DCS asset upon acquisition or allocation to DCS, until DISA determines that there is no further DCS use for the item and directs its disposition. DECCO also provides TCO's with the status of these nonoperational leased equipments.

(8) Actions Required for Service.

(a) The submission of a TSR, containing the details of the request for AUTODIN service, is the first of several actions required in providing this service. Coordination in accordance with reference 4i will be completed prior to submission of the TSR.

(b) The DISA action agency, after effecting the necessary internal coordination, prepares a Telecommunications Service Order (TSO) to implement the service. The TSO includes the direction, engineering details, and operational information and is addressed to all concerned.

(c) AUTODIN Tributary Readiness Report, RCS: DISA (AR) 350-27, provides progress reports, and AUTODIN Completion Notices provide final completion information.

1. Tributary Preparation and Readiness Reports are submitted in accordance with the policies and procedures of the user's parent command. The TCO is responsible for ensuring that the tributary station is provided a copy of the reporting procedures.

2. The tributary station is responsible for submitting completion reports as prescribed by its parent command, or reporting completion to the DCS Circuit Control Office as prescribed in reference 4s, for subsequent preparation of an in-effect report. These reports provide information for use in entering circuit information in the DCS data base, and for maintenance of billing records for leased circuits and equipment.

(d) AUTODIN Action Notices are prepared by the AUTODIN Switching Center in accordance with DISAC 310-D70-30, DCS AUTODIN Switching Center and Tributary Operations. These notices provide the operational data for AUTODIN which are required in connection with the management of the industrial fund and the operational direction of the DCS. They are required for both leased and Government-furnished circuits, and may be submitted in lieu of a completion report.

(9) Traffic Restoral. In the event of AUTODIN switch, circuit, or terminal failure, procedures for restoring traffic to AUTODIN subscribers are contained in reference 41.

(10) Terminal Deactivation. If an AUTODIN terminal is to be discontinued, the responsible TCO must advise other users who depend on the terminal for altroute traffic of the pending deactivation.

c. Weather Requirements. Special weather networks within the CONUS and Alaska are used for general weather data collection and dissemination. The circuits extend to each military installation.

(1) TSR's for USAF-controlled weather service within CONUS will be processed in accordance with flow chart, figure 17.

(2) TSR's from DoD and non-DoD agencies for National Weather Service (NWS) within Alaska will be forwarded for authorization and processing in accordance with figure 19 to:

National Weather Service (NOAA)
701 C Street
P.O. Box 23
Anchorage, AK 99513

(3) Where the requirement of a unified or specified command, military service, or DoD agency extends to, and uses the resources of, circuitry dedicated to an established FAA weather network, the TCO (or user if authorized by the TCO) will issue a letter of justification, requesting concurrence, to Federal Aviation Administration, ATTN: AAF 430, 800 Independence Avenue, SW., Washington, DC 20590. Upon receipt, the TCO will cite the FAA concurrence in item 503 of the TSR and forward the TSR to the appropriate DISA Allocation/Engineering activity.

(4) Requirements for CONUS weather service by non-DoD agencies that use DECCO as a leasing agency will be processed in accordance with figure 10. When the requested service is to be supplied from a network or system controlled by another agency, the controlling agency's authorization must be cited in item 503 of the TSR.

(5) All other weather service requirements will be processed in accordance with figure 4, 6, or 7 as appropriate.

d. Canadian Government-Originated Military (non-CADIN) and Nonmilitary Requirements.

(1) Because of the communications community of interest between the United States and Canada, special procedures are established for handling Canadian Government-originated requirements within and between DCS areas 1 and 2.

(2) To take advantage of reduced rates available through bulk ordering and to enable the Canadian government to use U.S. Government-owned facilities within DCS areas 1 and 2, when available, TSR's for these requirements are processed in accordance with figure 18. CADIN switched access line and interswitch trunk requirements are processed in accordance with figures 7A through 7G.

e. U.S./Australian Military Requirements.

(1) The Australian Department of Defense, Defense Canberra, coordinates all U.S. military requirements to and within Australia. All requirements must be sent to Defense Canberra at the earliest possible date to obtain government approval.

(a) Defense Canberra may be able to obtain special rates by routing U.S. requirements on Australian military leased systems or under Australian military tariff, and will also aid in processing requests for permission to connect. Six months' leadtime should be allowed unless approval has already been obtained.

(b) Defense Canberra performs a DECCO-type function for Australian carriers. DECCO transfers funds to Defense Canberra for the Australian portion of U.S. international circuits.

(c) U.S. international carriers accept end-to-end technical sufficiency but, as on U.S. military systems, are not financially responsible for degraded service in Australia.

(d) In-country circuits follow CCITT standards. Data leases are digital, not modem-analog.

(2) U.S. and Australian military requirements will be processed as follows:

(a) Defense Canberra requirements are processed to DISA-PAC and CINCPAC with fund commitment. DISA-PAC coordinates CINCPAC approval and transmits action to DISA, DISA TMSO or takes TSO action as appropriate. Routing by DCS facilities will be on an as-available basis unless otherwise directed by CINCPAC.

(b) Joint requirements will be coordinated between the TCO and Defense Canberra before the TCO submits the TSR.

f. Remote Terminal to AMPE Circuit. This paragraph applies, in accordance with paragraph 2 of reference 41, only when a remote terminal will be located more than 25 miles from the base, post, camp, station, or DoD activity on which the serving automated message processing equipment (AMPE) is located. The TSR requesting a circuit to connect a remote terminal to an AMPE, such as an LDMX, ATP, AMME, must include items 103, 107, 401, and 509. Items 120, 121, and 126 must also be provided for each AMPE and remote terminal location. In item 401, enter "remote terminal to AMPE circuit" and, if applicable, "rehome from ASC." Send an information copy of the TSR to Headquarters, DISA DOD, at least 45 days prior to the requested service date.

g. AUTOSEVOCOM/Red Switch Circuits. The DoD AUTOSEVOCOM and Red Switch systems are unique in that they are considered totally DCS, down to and including the terminal instrument. For this reason, "record purpose only" TSR's are required for on-base subscriber access lines acquired by local lease action or provided by Government owned cable plants. These TSR's will be issued to assign CCSD's and satisfy DCS data base requirements with respect to terminal activations, deactivations, and relocations. TSR's will be submitted in accordance with chapter 3 of this Circular.

h. Defense Satellite Communications System (DSCS) Requirements.

(1) Requests for DSCS service will be processed in accordance with reference 4n. Approved requirements will be submitted in accordance with chapter 3 of this Circular to the appropriate DISA action agency through the department or agency TCO in TSR format.

(2) Approved requirements are those processed in accordance with reference 4n and entered into the military satellite office (MSO) user requirements data base (URDB). As requirements are entered in this data base they are assigned a MSO URDB control number. This control number will be entered in circuit TSR item 151. TSR processing, and possibly service date, will be delayed if MSO URDB control number (validated in accordance with MOP 178 procedures) is not provided.

(3) If the requirement is urgent and time does not permit normal processing to obtain the MSO URDB number, enter "none" in item 151 and cite the approving correspondence in item 503.

(4) TSR's for DSCS service will include DISA DOT as an information addressee.

i. Defense Data Network (DDN).

(1) Processing of Requirements. Departments, offices, and agencies of the DoD requiring DDN service will submit all Requests for Service (RFS's) or feeder TSR's through their normal O&M or agency chain-of-command to their headquarters TCO. The TCO will review and validate the requirements against the DDN user requirements data base and forward a TSR to the appropriate DISA activity for processing in accordance with figure 20. TSR's will be submitted in accordance with format and procedures set forth in chapter 3 (format for TSR) of this Circular with the following exceptions:

(a) TSR item series 120B will not be filled in by the Service or Agency TCO for new start TSR's. The Service or Agency TCO will only state in item number 120B "To Be Completed by the DISA Activity." For change and amendment TSR's, after issuance of a DISA TSO, the Services and Agencies will be responsible for completing the 120B series.

(b) Item numbers 106A and 106B will be completed by the Service or Agency TCO submitting the TSR to the appropriate DISA Activity in accordance with leadtimes established in Table 13 of this circular. The Service or Agency TCO will subtract 14 days from the requested operational service date (106A) and insert this date into TSR item number 106B. This is the date that the vendor or Government (for GFE) must meet in order for the 14-day test and acceptance (T&A) to be completed on time by the Integrated Telecommunications Systems contractor.

(2) DISA Activity Evaluation of Requirements After Receipt of Validated TSR from Service or Agency TCO.

(a) The DISA Activity will review all requests for DDN service (Host and Terminal access), to determine the compatibility of the following TSR items against the IDS-MIS: URDB number (item 352); modulation rate (item 111); GEOLOCO (item 120A); and system name (item 353).

(b) The DISA Activity will review the IDS-MIS data base for the purpose of determining the appropriate packet switching node (PSN) and assigning the appropriate port based upon the capability of the PSN.

(c) Based on the results of the DDN network design, the DISA Activity will complete the TSR items associated with the PSN selection.

(3) Leadtimes. Normal requirements for DDN service are processed for implementation based on the leadtimes shown in table 13.

(4) Actions Required for Service.

(a) The submission to the DISA Activity of a TSR from the Service or Agency TCO, containing the details of the request for DDN service, is the first of several actions required in providing this service.

(b) The Service or Agency TSR will be addressed for action to the appropriate DISA Activity outlined in figure 20 or 26 for connection to MILNET, DSNET1, and DSNET3 with DISA as an information addressee on OCONUS requirements (DISA WASHINGTON DC//DOCT/DISP/DISPA//). (NOTE: TSR's for inter-area and CONUS DDN IST's will be sent to DISA/DOCA for processing.)

(c) After the necessary review, evaluation, and coordination have been completed (e.g., validation of TSR against the IDS-MIS; assignment of port number; completion of PSN location items), the DISA Activity will issue a TSO to the appropriate activities required to implement the requested service.

(d) The DDN Subscriber Implementation Team will configure the appropriate PSN hardware, software, and connections internal to the PSN in order to provide a hot plug type connection. This will be accomplished prior to the

SAM/Circuit Demand or TSO service date. This procedure will allow the user access (activation of the port) to the network within seven days following installation of the circuit by the vendor or government personnel.

(e) The Service or Agency TCO is responsible for identifying the CCO/CMO (TSR item 409) that has the responsibility for submitting completion reports. These reports provide information for use in entering circuit information in the DCS data base and maintaining billing records for leased circuits and equipment.

(f) The Service or Agency designated point-of-contact identified in TSR item 417 is responsible for notifying the DDN Subscriber Implementation Team Action Officer as to the completion of circuit and/or equipment installation. In the CONUS, notification will be to the DDN Subscriber Implementation Team. OCONUS notification will be to the DISA Area DDN Office. This procedure will allow the DDN Area Office to activate the hot plug type connection to the network within seven days.

j. Multiplex Management. TSR procedures are used within certain DISA areas in support of near-term and midterm multiplex planning actions. The TSR confirms Department, Agencies, and Offices (DOA) support of such plans and is an established vehicle for obtaining necessary concurrences, validations, and information.

k. Jam Resistant Secure Communication (JRSC) and Electronic Counter-Countermeasure (ECCM) Requirements. Since all JRSC/ECCM service utilizes the DSCS, requests for service will be processed in accordance with paragraph 4h above, with the exception that TSR's will include both DISA DITD and DITJ as information addressees. Contact DISA DITJ for special TSR guidance.

l. Defense Information System Network (DISN) Requirements. Requests for DISN service will be processed in accordance with information contained in supplement 12 to this Circular.

TABLE 12. LEADTIMES FOR SERVICE¹

TYPE OF SERVICE	CONUS/ ALASKA	CONUS-TO- OVERSEAS	PACIFIC ²	EUROPE ³
<u>CALENDAR DAYS</u>				
<u>STARTS/REAWARDS</u>				
Point-to-point narrowband (includes service below 19.2Kb derived over analog channels)	89	145	80	58+
Point-to-point wideband (19.2Kb and above)	114	297	110	58+
DSN/AUTOVON/AUTOSEVOCOM Access lines	78	145	80	58+
Off-the-shelf equipment only				
Over \$25K.	180	N/A	N/A	180
Under \$25K.	73	N/A	119	180
Other than off-the-shelf/bulk equipment only (e.g., specially designed)				
Inquiry/Quote/Order (IQO)	144	N/A	141	180
Invitation for Bid (IFB)/ Request for Proposal (RFP)	450	450	N/A	N/A
AUTODIN access lines	78	145	80	58+
Systems or networks (Includes T-1 networks) ⁴				
Overseas	N/A	N/A	171	58+
IQO	146	146	N/A	N/A
RFP	365	365	N/A	N/A
PCM-30 (2MBPS and above)	N/A	N/A	N/A	58+
<u>DISCONNECTS</u>				
DSN/AUTOVON/ AUTOSEVOCOM/AUTODIN	59(with BTL) 40 (w/o BTL)	50	16	58+
Equipment only	40	50	1/50 ⁵	14+
Point-to-point narrowband or wideband	45	50	16	43+
<u>CHANGES</u>				
ALL	94	151	119	58+

TABLE 12. LEADTIMES FOR SERVICE (CON.)

NOTES:

¹ Leadtimes denote the normal average interval between the receipt of an accurate and complete TSR (to include any required amendments) by a DISA action agency 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 six 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. TCO should refer to Table 14 and applicable European supplements to this Circular, and add the required leadtime for the specific European country/area to the leadtimes shown in this table.

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

TABLE 13. LEADTIMES FOR DDN SERVICE¹

DEFENSE DATA NETWORK SERVICE	CONUS	CONUS-TO OVERSEAS	PACIFIC ²	EUROPE ³
<u>CALENDAR DAYS</u>				
<u>STARTS/REAWARDS</u>				
Point-to-point narrowband (service derived over analog channels)	84 ⁴	145	80	58+
Point-to-point wideband	113 ⁴	313	140	58+
Off-the-shelf equipment only	73 ⁵	73	119	180
<u>DISCONNECTS</u>				
Point-to-point narrowband or wideband)	45	50	31	58+
Off-the-shelf equipment	40	45	1	14+
<u>ALL CHANGES</u>	83	145	119	58+

NOTES:

¹ Leadtimes denote the normal average interval between the receipt of a complete and accurate DDN TSR by the DISA Area A&E Activity and the successful Test and Acceptance by the DDN office. Leadtimes go into effect after DISA has modeled the requirement and made the port assignment. Prioritization and URDB inaccuracies could significantly extend the leadtime.

² See note 2 on page 4-21.

³ See note 3 on page 4-21.

⁴ Leadtime reflects requirements utilizing standard off-the-shelf equipment. However, DDN modems 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.

⁵ Can vary, depending on commercial company furnishing equipment.

TABLE 14. LEADTIMES FOR EUROPEAN SERVICE

A. Leadtime Requirements (in calendar days or workdays *) for Voice/Data (9600 and below) circuits - PTT leadtimes without prior Routing Investigation (RI):

Country	<u>Internal Circuits</u>		<u>International Circuits</u>		<u>MOD</u>
	<u>START</u>	<u>CEASE</u>	<u>START</u>	<u>CEASE</u>	
Belgium	30	7	60	7	14
Denmark	60	14	60	7	60
France	20 *	14	30 *	7	14
Germany	60 *	6 *	60 *	7	21 *
Greece	No Fixed Leadtime		No Fixed Leadtimes		
Italy	30	30	30	30	30
	60 Days/M1020		60 Days/M1020		
Luxembourg	21	14	21	7	14
Netherlands	60	14	70	14	70 Int'l 30 Nat'l
(NL M1020)	80	90			
Norway	60	7	60	7	60
Portugal	60	7	60	7	14
Spain	7	14	7	7	14
	No Fixed Leadtimes/M1020				
Turkey	3 Months	14	6-8 Months	14	14
	9-11 Months/M1020				
UK	65 *	7 *	90	7 *	14 *

B. Leadtime requirements for services other than the above:

Wideband-PCM-30/2 MBPS and above:

Germany: 18 Months Other Countries: Determined on case-by-case basis.

Digital 64KBPS:

Germany: 9 Months Other Countries: Determined on case-by-case basis.

Public Data Network:

Germany: 30 Workdays Other Countries: Determined on case-by-case basis.

C. Additional Leadtimes/Notes:

Leadtimes above are in accordance with ALLA Compendium, dated 1 Sep 88, national PTT regulations, and precedence set in earlier dealings with PTT.

The PTT in Italy and Spain are on vacation during the entire month of August; during this time only EMERGENCY requirements will be handled.

NALLA Germany requires 7 calendar days (5 working days), and other NALLA's need 14 calendar days (10 working days) for processing of DECCO-Europe circuit demands to PTT's.

TABLE 14. LEADTIMES FOR EUROPEAN SERVICE (CON.)

NALLA/PTT's normally require formal RI be initiated for high speed data/digital services, as well as for those occasions when a large number of circuits are requested to the same location, or circuits are requested to a new location. Leadtime in these instances will be on a case-by-case basis.

Standard German leadtime allows for 39 calendar days (28 working days) for RI and 21 calendar days (15 working days) for provision. No circuit demand should be initiated without providing for the standard RI.

The competitive leasing concept now in effect in the United Kingdom requires a leadtime of 15 days to process the TSO, issue RFP, evaluate the offer, and issue a circuit demand. This leadtime is subject to vendor requests for extensions.

TABLE 15. LEADTIMES FOR FTS2000 SERVICE*

<u>INITIAL SERVICE TO A NEW LOCATION</u>	<u>FTS2000 LEADTIME</u>
<u>INSTALL NEW FACILITY</u>	<u>(CALENDAR DAYS)</u>
Switched Voice Service (SVS)	144
Switched Data Service (SDS)	144
Switched Digital Integrated Service (SDIS)	144
Packet Switched Service (PSS)	144
Video Transmission Service (VTS) (Compressed)	149
Dedicated Transmission Service (DTS)	149
<u>SERVICE TO AN ESTABLISHED LOCATION</u>	
Switched Voice Service (SVS)	
Reuse Existing Facilities	29
Install New Single Channel Access	47 to 62
Install New Facility	114
Feature Change	26
Switched Data Service (SDS)	
Reuse Existing Facilities	29
Install New Single Channel Access	62
Install New Facility	114
Feature Change	26
Switched Digital Integrated Service (SDIS)	
Reuse Existing Facilities	29
Install New Facility	114
Packet Switched Service (PSS)	
Reuse Existing Facilities	29
Install New Single Channel Access	47 to 62
Install New Facility	114
Feature Change	26
Video Transmission Service (VTS) (Compressed)	
Reuse Existing Facilities	34
Install New Single Channel Access	119
Install New Facility	119
Dedicated Transmission Service (DTS)	
Reuse Existing Facilities	34
Install New Single Channel Access	52 to 67
Install New Facility	119

* NOTES:

(1) All intervals are based on calendar days. A 23 to 38 day interval is based on Location Exchange Carrier (LEC) provisioning intervals.

(2) All leadtimes are based on available channels on a T-1 access. If the T-1 access is not available, an additional 120 days should be built into the leadtime for service.

(3) See "FTS2000 Interval Worksheet" for breakout of FTS2000 Leadtimes.

FTS2000 INTERVAL WORKSHEET*

	Interval A	Interval B	Interval C	Interval D	Interval E
TYPE OF SERVICE	DISA Action Agency- Issue TSO	DECCO-Issue Requirement To Vendor (AT&T)	Contractor- Receive GSA Approval (SOC)	Contractor- Implement Service	FTS2000 Leadtime Processing TOTAL
Initial Service to a New Location Install New Facility					
Switched Voice Service (SVS) AT&T		10	14	120	144
Switched Data Service (SDS) AT&T		10	14	120	144
Switched Digital Service (SDIS) (Access Line) AT&T		10	14	120	144
Packet Switched Service (PSS) AT&T		10	14	120	144
Video Transmission Service (VTS) (Compressed) AT&T	5	10	14	120	149
Dedicated Transmission Service (DTS) AT&T	5	10	14	120	149
Service to an Established Location					
Switched Voice Service (SVS)					
Reuse Existing Facilities		10	14	5	29

FTS2000 INTERVAL WORKSHEET* (CON.)

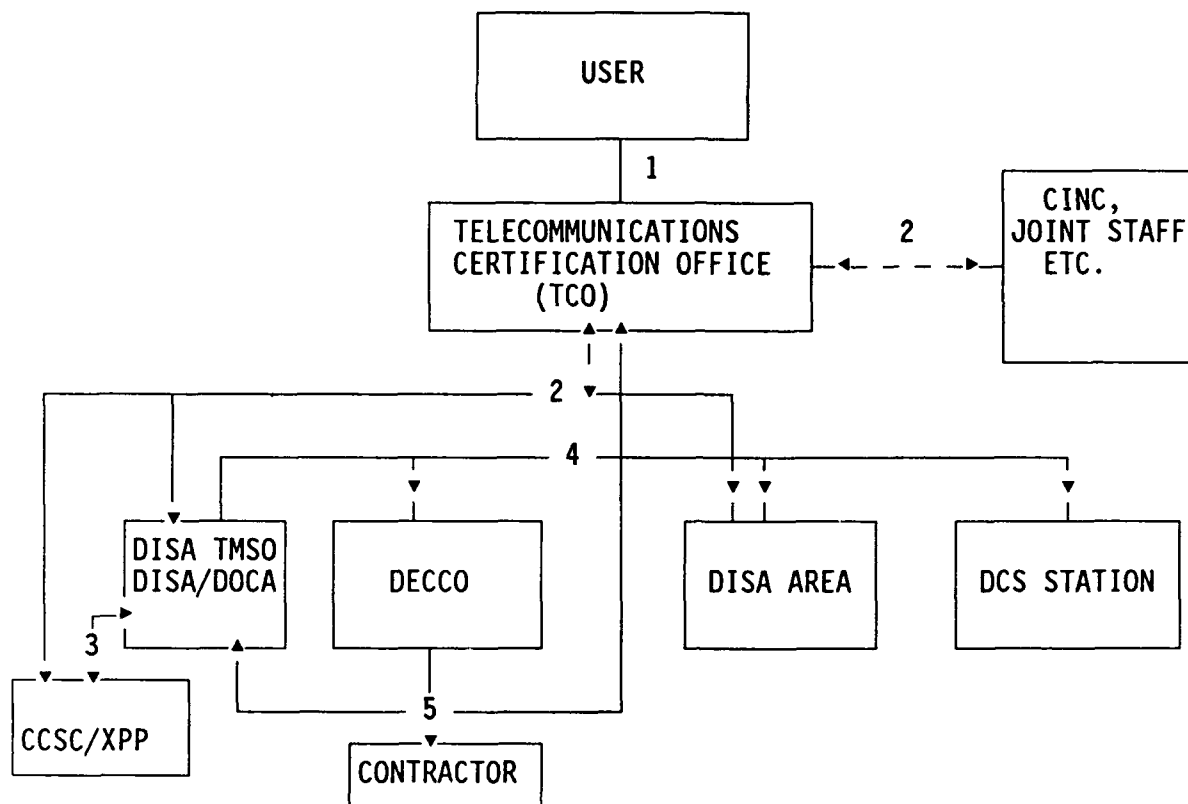
	Interval A	Interval B	Interval C	Interval D	Interval E
TYPE OF SERVICE	DISA Action Agency- Issue TSO	DECCO-Issue Requirement To Vendor (AT&T)	Contractor- Receive GSA Approval (SOC)	Contractor- Implement Service	FTS2000 Leadtime Processing TOTAL
Install New Single Channel Access		10	14	23 to 38	47 to 62
Install New Facility		10	14	90	114
Feature Change		10	14	2	26
Switched Data Service (SDS)					
Reuse Existing Facilities		10	14	5	29
Install New Single Channel Access		10	14	38	62
Install New Facility		10	14	90	114
Feature Change		10	14	2	26
Switched Digital Integrated Service (SDIS)					
Reuse Existing Facilities		10	14	5	29
Install New Facility		10	14	90	114
Packet Switched Service (PSS)					
Reuse Existing Facilities		10	14	5	29

FTS2000 INTERVAL WORKSHEET* (CON.)

	Interval A	Interval B	Interval C	Interval D	Interval E
TYPE OF SERVICE	DISA Action Agency- Issue TSO	DECCO-Issue Requirement To Vendor (AT&T)	Contractor- Receive GSA Approval (SOC)	Contractor- Implement Service	FTS2000 Leadtime Processing TOTAL
Install New Single Channel Access		10	14	23 to 38	47 to 62
Install New Facility		10	14	90	114
Feature Change		10	14	2	26
Video Transmission Service (VTS) (Compressed)					
Reuse Existing Facilities	5	10	14	5	34
Install New Single Channel Access	5	10	14	90	119
Install New Facility	5	10	14	90	119
Dedicated Transmission Service (DTS)					
Reuse Existing Facilities	5	10	14	5	34
Install New Single Channel Access	5	10	14	23 to 38	52 to 67
Install New Facility	5	10	14	90	119

* NOTES: (1) All intervals are based on calendar days. A 23 to 38 day interval is based on Local Exchange Carrier (LEC) provisioning intervals.

(2) All leadtimes are based on available channels on a T-1 access. If the T-1 access is not available, an additional 120 days should be built into the leadtime for service.



1. Requirement processed through user's chain of command.

2. The certified requirement is sent to DISA TMSO for action (with an information copy to DISA DIS if the TSR pertains to the DCS Switched Networks), to the DDN PMO, and to the DISA area(s) which will be involved; a copy of the TSR is sent to AFCC also for action only if the TSR pertains to the DCS Weather Service, and a copy of the TSR is sent to NCS for TSP Assignment (see paragraph 3f, chapter 4). CINC, Joint Staff, or other approval will be obtained by the TCO, where required. (Approval authority will be cited in item 503 of the TSR.)

3. If the requirement is for DCS weather service, DISA coordinates the related technical, financial, and system programing with CCSC/XPP.

4. Assuming that the requirement submitted is an inter-DISA area requirement and can be fulfilled from existing DCS resources, DISA TMSO will issue a TSO containing the TSR number, CCSD, and TSP Assignment to organizations having implementation responsibility, with an information copy to the TCO. If leased services or facilities are required and leasing action has been authorized by

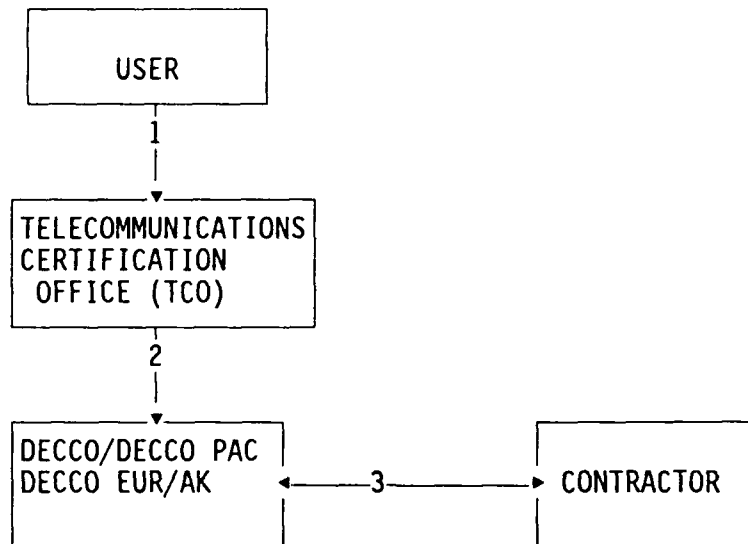
FIGURE 4. FLOW OF INTERAREA AND SPECIAL USER REQUIREMENTS

the TCO, the TSO will contain directions to the leasing activity. DECCO will effect the necessary leasing arrangement if the leased services to be provided are the responsibility of DISA TMSO (DCS area 1, 2, 6, or 9), are from Hawaii, or are for facilities of the worldwide ocean cable or satellite complex. If leasing action is required in overseas areas for facilities or services not leased by DECCO, DECCO-PAC, or DECCO-EUR, and leasing action has been authorized by the TCO, the TSO will specify that the appropriate DISA area obtain the required services from other supporting leasing agency(ies), providing interservice funding arrangements have been made. (In countries where there is no DCS executive service; e.g., the Air Force in Japan, the user must make in-country, not international, tail-segment lease arrangements.) NOTE. Headquarters, DISA DOCA is responsible for "special user requirements" noted in paragraph 3a, chapter 4. These requirements may be contained wholly within any one of the DCS areas or may be inter-DISA area in nature. Headquarters, DISA, DOCA will issue a TSO to implement the requested service.

5. DECCO performs leasing action. The CSA issued by DECCO or DECCO activities will contain the TSR number, the CCSD, the TSP Authorization Code, and the CCN as provided in the carrier's quotation. A copy of the order will be sent to the TCO, the CCO/CMO, and to Headquarters, DISA if switched networks or DDN are involved.

6. If additional Government-owned facilities are required to fulfill the requirement, DISA will prepare a subsystem/project plan to provide the required facilities.

7. The activity designated in the TSO will submit a completion report in accordance with paragraph 10, chapter 2, this Circular.



1. Requirement processed through user's chain of command.

2. Certified requirements for equipment are addressed to the appropriate DECCO/DECCO field office for action as follows:

a. To DECCO Pacific (INFO DECCO Scott RPPE/RITSR) if requirement, excluding ADPE, is not available under GSA schedule contracts, within DCS areas 7 and 8.

b. To DECCO Europe (INFO DECCO Scott RPPE) if requirement will be obtained from a foreign carrier or firm with payment required in local currency within DCS areas 2 (Iceland/Greenland), 3, 4, 5, and 6.

c. To DECCO Alaska (INFO DECCO Scott RPPE/RITSR) if requirement, excluding ADPE, is not available under GSA schedule contracts, within DCS area 9.

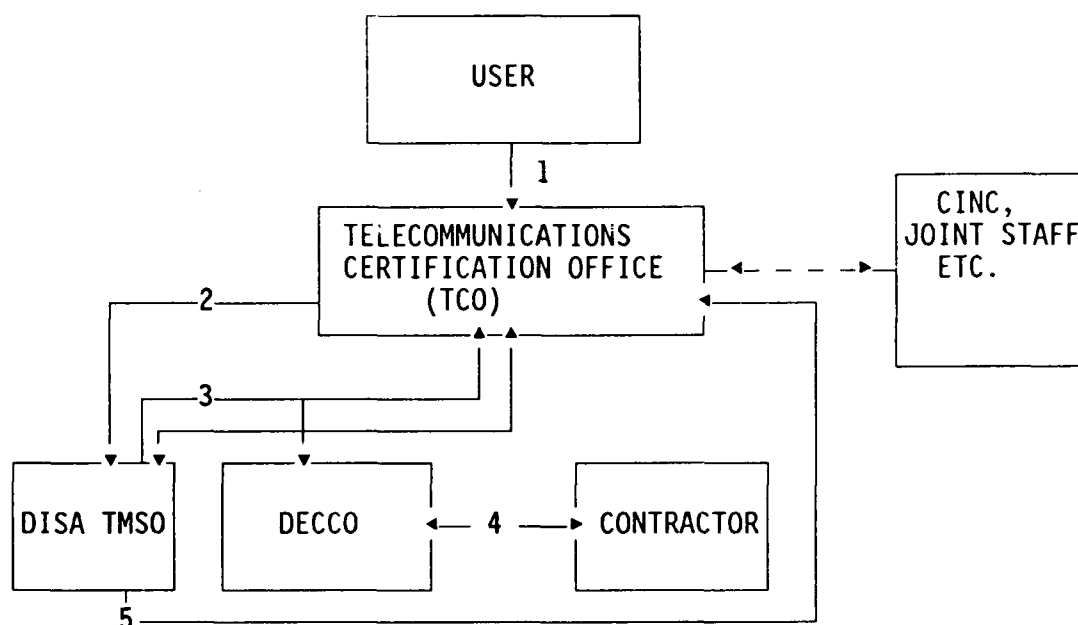
d. To DECCO Scott RPPE (INFO DECCO Field Office if applicable) for all other requirements, including sole source requirements such as channel packing, etc.

3. DECCO/DECCO field office will perform normal leasing action based on the validated TSR received from the TCO.

4. The activity so designated in the TSR will submit a completion report in accordance with paragraph 10, chapter 2, this Circular.

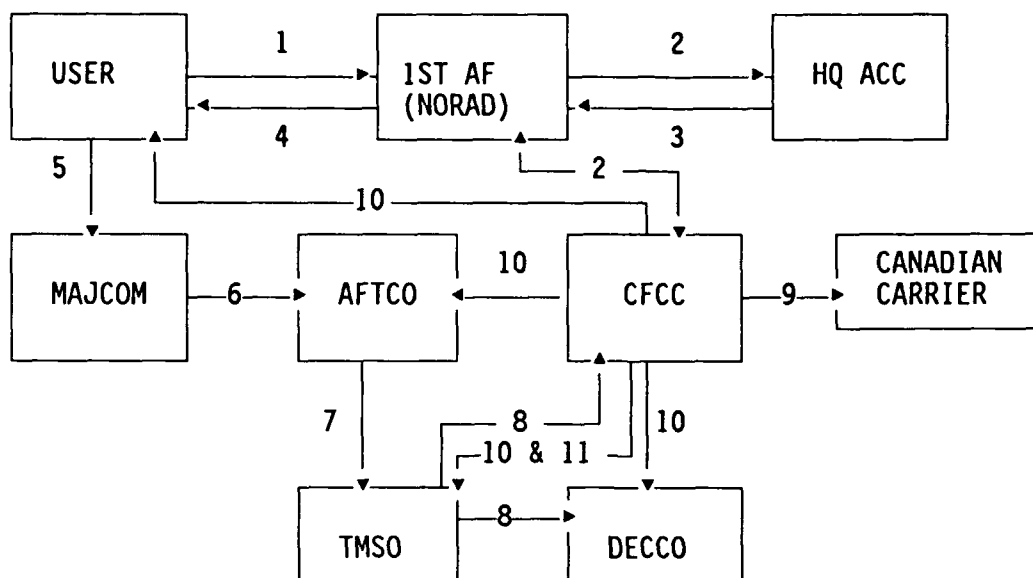
5. If the request is for AUTODIN subscriber terminal equipment, an information copy of the request will be sent to the affected AUTODIN switch(es), HQ, DISA/DOD, Washington, DC and to the DISA action agency in which the AUTODIN switch(es) and the subscriber terminal are located.

FIGURE 5. FLOW OF LEASED EQUIPMENT ONLY
REQUIREMENTS, EXCLUDING SPECIAL USER REQUIREMENTS



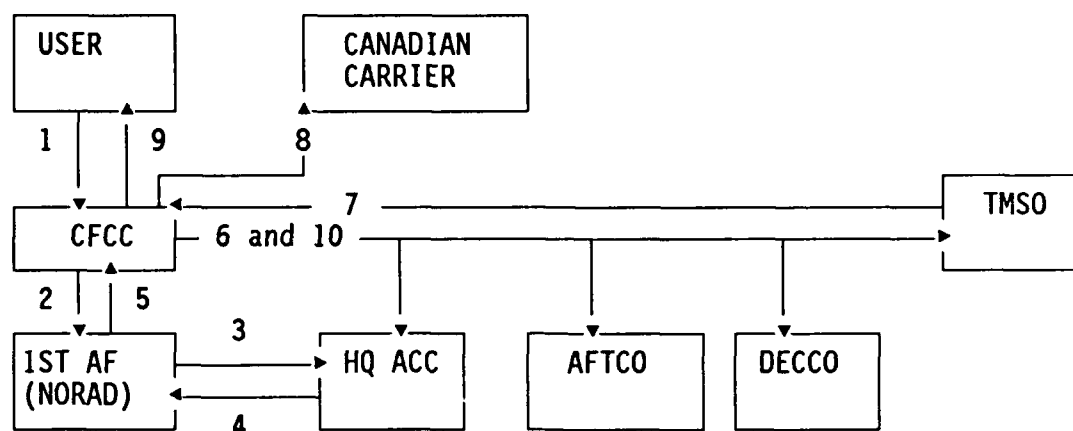
1. Requirement processed through chain of command for certification.
2. Certified requirement is forwarded to DISA TMSO for action and to NCS for TSP Assignment. The TCO will obtain CINC, Joint Staff, or other approval, when required (item 502 of the TSR).
3. Requirements which can be fulfilled from existing resources will be implemented by DISA TMSO TSO action; an information copy of the TSO is addressed to the TCO. Requirements for leasing action within the DCS area 1, 2, or 9 will be authorized by DISA TMSO TSO to DECCO.
4. DECCO will perform normal leasing action and issue CSA to the contractor with an information copy addressed to DISA TMSO, the TCO, and the CCO/CMO.
5. If additional Government-owned facilities are required to fulfill the requirement, a recommended subsystem plan to implement the requirement will be forwarded to the Director, DISA DA, with an information copy to the TCO.
6. The TSO issued by DISA TMSO will contain the CCSD, the TSR number, and the TSP Assignment. DECCO will issue a circuit order containing the same information plus the CCN assigned in the carrier's quotation. Information copies of the order to the carrier will be sent to DISA TMSO, the TCO, and the CCO/CMO specified in the TSO.
7. The activity designated in the TSO will submit a completion report in accordance with paragraph 10, chapter 2, this Circular.

FIGURE 6. FLOW OF POINT-TO-POINT AND DSN/AUTOVON REQUIREMENTS FOR DCS AREAS 1, 2, AND 9 OTHER THAN CONUS DSN/AUTOVON ACCESS LINES, CADIN, LEASED EQUIPMENT, AND SPECIAL USER REQUIREMENTS



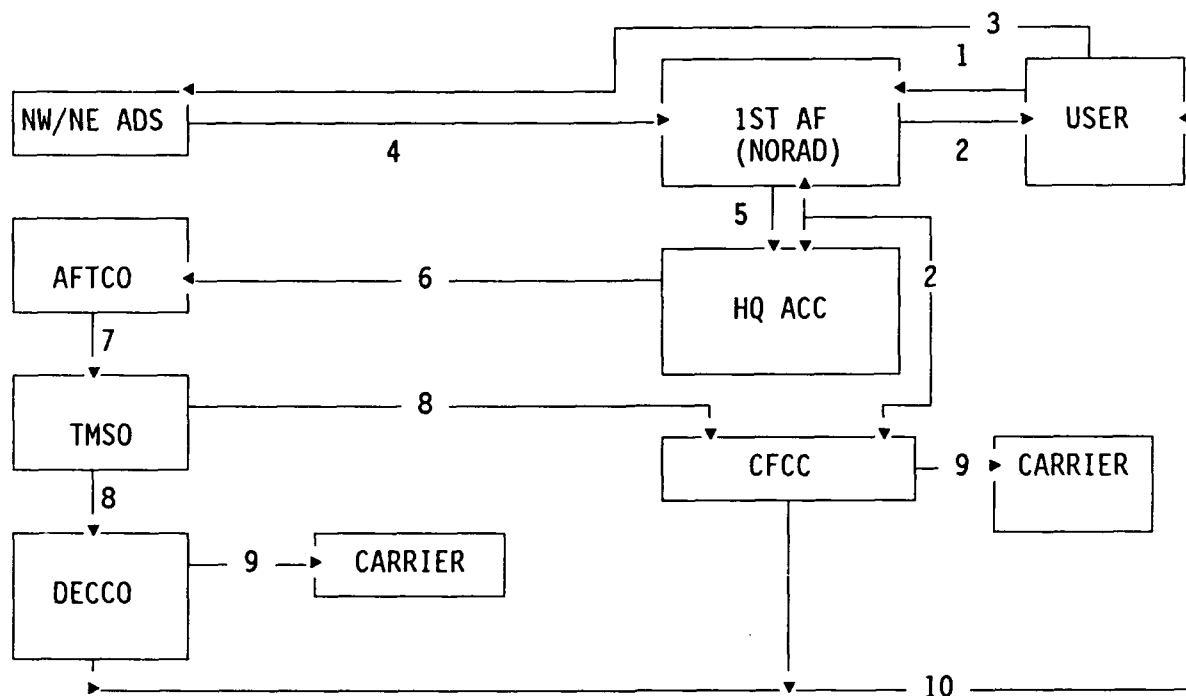
1. User requests operational validation from 1st AF.
2. 1st AF and/or NORAD validates the requirement with CFCC and requests PDC from HQ ACC.
3. HQ ACC assigns the appropriate PDC and returns the request to 1st AF.
4. 1st AF returns the validated request with the PDC to user.
5. The user originates a feeder RFS to MAJCOM.
6. The MAJCOM generates the RFS (action: AFTCO; information: the user).
7. The AFTCO generates the TSR (action: TMSO; information: the user, MAJCOM, 1st AF and/or NORAD, HQ ACC, DECCO and CFCC).
8. TMSO generates the TSO (action: CFCC, DECCO; information: the user, MAJCOM, AFTCO, 1st AF and/or NORAD, HQ ACC and DECCO).
9. CFCC initiates procurement action.
10. CFCC generates a Canadian Status Acquisition Message (CSAM).
11. CCO/CMO generates a completion report (action: TMSO; information: the user, MAJCOM, 1st AF and/or NORAD, HQ ACC and DECCO).

FIGURE 7A. FLOW OF DSN/CSN SWITCHED/DEDICATED CADIN
CIRCUIT ORDERING (COST SHARED) - INTRA-CANADA -
U.S. ORIGINATED REQUIREMENT



1. The user submits the requirement to CFCC.
2. CFCC requests an operational validation from 1st AF. The estimated or actual Monthly and Non Recurring Costs are to be included in the request.
3. 1st AF and/or NORAD validates the requirement and requests a PDC from HQ ACC.
4. HQ ACC assigns the appropriate PDC and returns the request to 1st AF.
5. 1st AF returns the validated request to CFCC.
6. CFCC generates a TSR (action: TMSO and DECCO; information: HQ ACC and AFTCO).
7. TMSO generates TSO (action: CFCC).
8. CFCC initiates procurement action.
9. CFCC generates a CSAM.
10. CCO/CMO generates a completion report (action: TMSO; information: the user, 1st AF and/or NORAD, HQ ACC, AFTCO and DECCO).

FIGURE 7B. FLOW OF DSN/CSN SWITCHED/DEDICATED CADIN
CIRCUIT ORDERING (COST SHARED) - INTRA-CANADA -
CANADIAN ORIGINATED REQUIREMENT

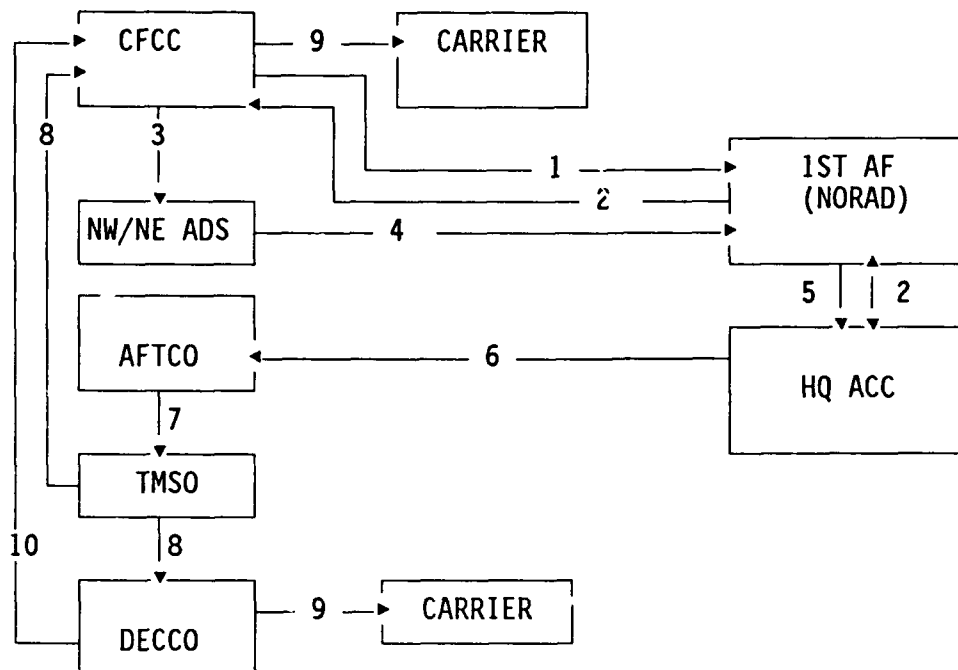


1. The user forwards a message to 1st AF stating the operational requirement.
2. 1st AF and/or NORAD obtains validation of the requirement from CFCC and HQ ACC (who assigns a PDC) and forwards the validated request and PDC back to the user requesting RFS initiation.
3. The user initiates an RFS to the appropriate Air Defense Sector (ADS) (NW or NE) as directed by 1st AF.
4. NW or NE ADS generates the RFS (action: 1st AF; information: HQ ACC and the user).
5. 1st AF submits the RFS (action: HQ ACC; information: NW or NE ADS and the user).
6. HQ ACC forwards the validated RFS (action: AFTCO; information: 1st AF, NW or NE ADS and the user).
7. The AFTCO generates the TSR (action: TMSO; information: 1st AF, CFCC, NW or NE ADS and the user).
8. TMSO generates the TSO (action: DECCO and CFCC; information: 1st AF, NW or NE ADS, HQ ACC and the user).

FIGURE 7C. FLOW OF DSN/CSN SWITCHED/DEDICATED CADIN
CIRCUIT ORDERING (COST SHARED) - CROSS BORDER -
U.S. ORIGINATED REQUIREMENT

9. DECCO and CFCC initiate procurement actions.
10. DECCO issues a SAM and/or CFCC issues a CSAM. CFCC also provides the actual or estimated costs for the Canadian portion.
11. CCO/CMO generates a completion report (action: TMSO; information: 1st AF and/or NORAD, NW or NE ADS, AFTCO, HQ ACC, DECCO, CFCC and the user).

FIGURE 7C. FLOW OF DSN/CSN SWITCHED/DEDICATED CADIN
CIRCUIT ORDERING (COST SHARED) - CROSS BORDER -
U.S. ORIGINATED REQUIREMENT (CON.)



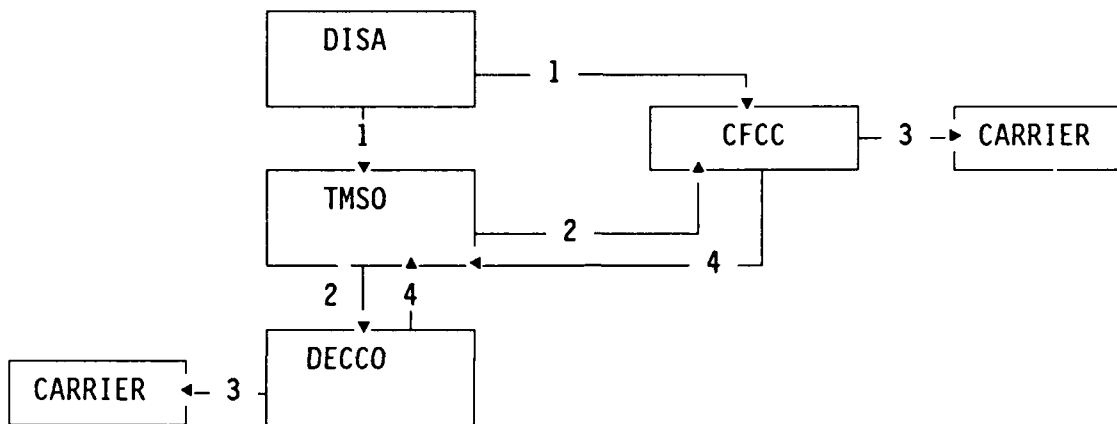
1. CFCC forwards a message to 1st AF stating the operational requirement.
2. 1st AF and/or NORAD obtains validation of the requirement from HQ ACC (who assigns a PDC) and forwards the validated request to CFCC with the PDC and designated ADS.
3. CFCC generates the RFS to the appropriate ADS (NW or NE).
4. NW or NE ADS forwards the RFS (action: 1st AF; information: HQ ACC and CFCC).
5. 1st AF forwards the RFS (action: HQ ACC; information: NW or NE ADS and CFCC).
6. HQ ACC forwards the validated RFS (action: AFTCO; information: NW or NE ADS, CFCC and 1st AF).
7. The AFTCO generates the TSR (action: TMSO; information: HQ ACC, NW or NE ADS, CFCC, and 1st AF).
8. TMSO generates a TSO (action: DECCO and CFCC; information: 1st AF, HQ ACC, NE or NW ADS).
9. DECCO and CFCC initiate procurement actions.

FIGURE 7D. FLOW OF DSN/CSN SWITCHED/DEDICATED CADIN
CIRCUIT ORDERING (COST SHARED) - CROSS BORDER -
CANADIAN ORIGINATED REQUIREMENT

10. DECCO issues a SAM and CFCC issues a CSAM. CFCC includes actual or estimated costs for the Canadian portion.

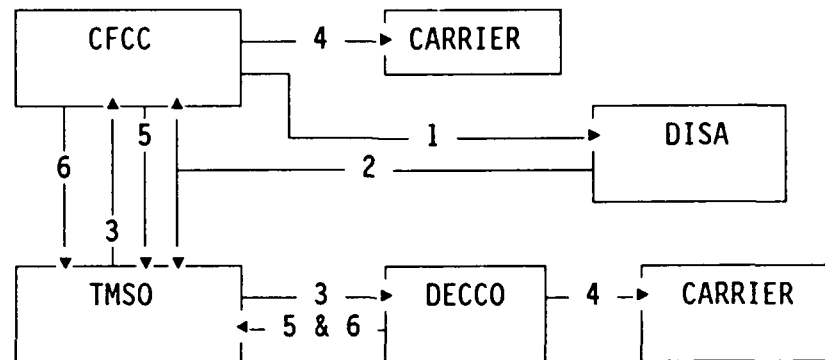
11. CCO/CMO generates a completion report (action: TMSO; information: 1st AF and/or NORAD, HQ ACC, DECCO, AFTCO, NE or NW ADS and CFCC).

FIGURE 7D. FLOW OF DSN/CSN SWITCHED/DEDICATED CADIN
CIRCUIT ORDERING (COST SHARED) - CROSS BORDER -
CANADIAN ORIGINATED REQUIREMENT (CON.)



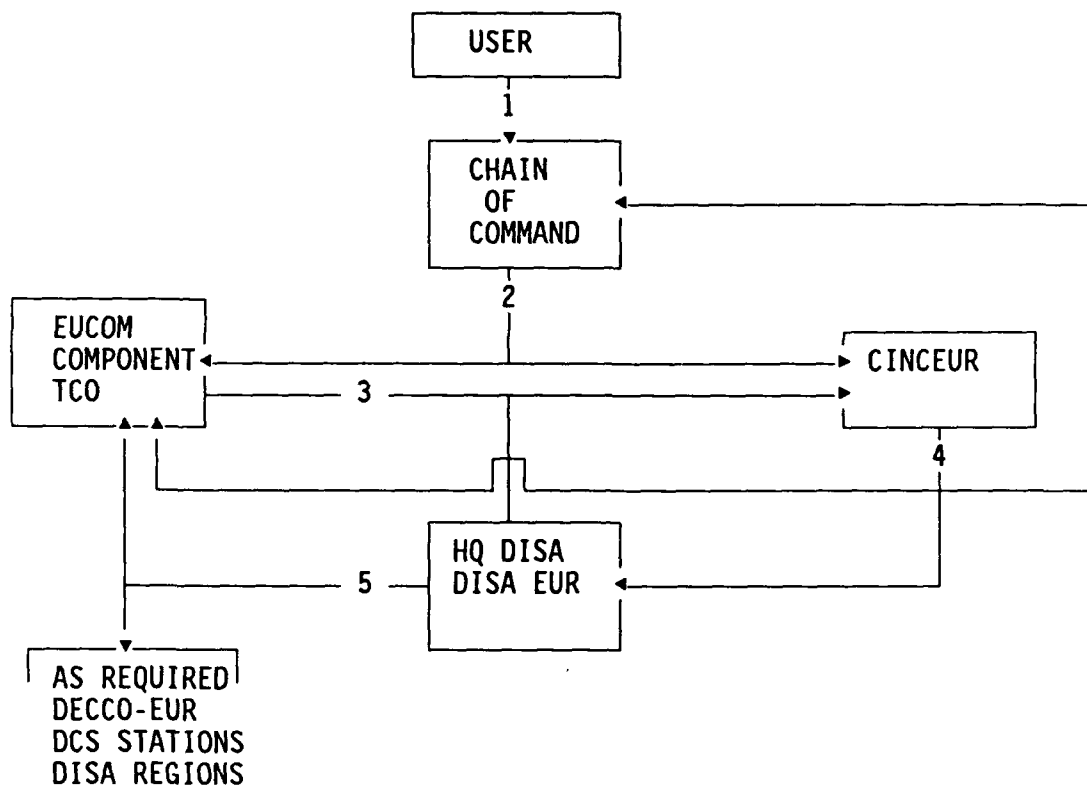
1. DISA assigns a PDC and a CCO/CMO and initiates a TSR (action: TMSO; information: CFCC).
2. TMSO issues the TSO (action: DECCO and CFCC).
3. DECCO and CFCC initiate procurement actions.
4. DECCO issues a SAM and CFCC issues a CSAM.
5. CCO/CMO generates a completion report.

FIGURE 7E. FLOW OF DSN/CSN INTERSWITCH TRUNK ORDERING
- CROSS BORDER - U.S. ORIGINATED REQUIREMENT



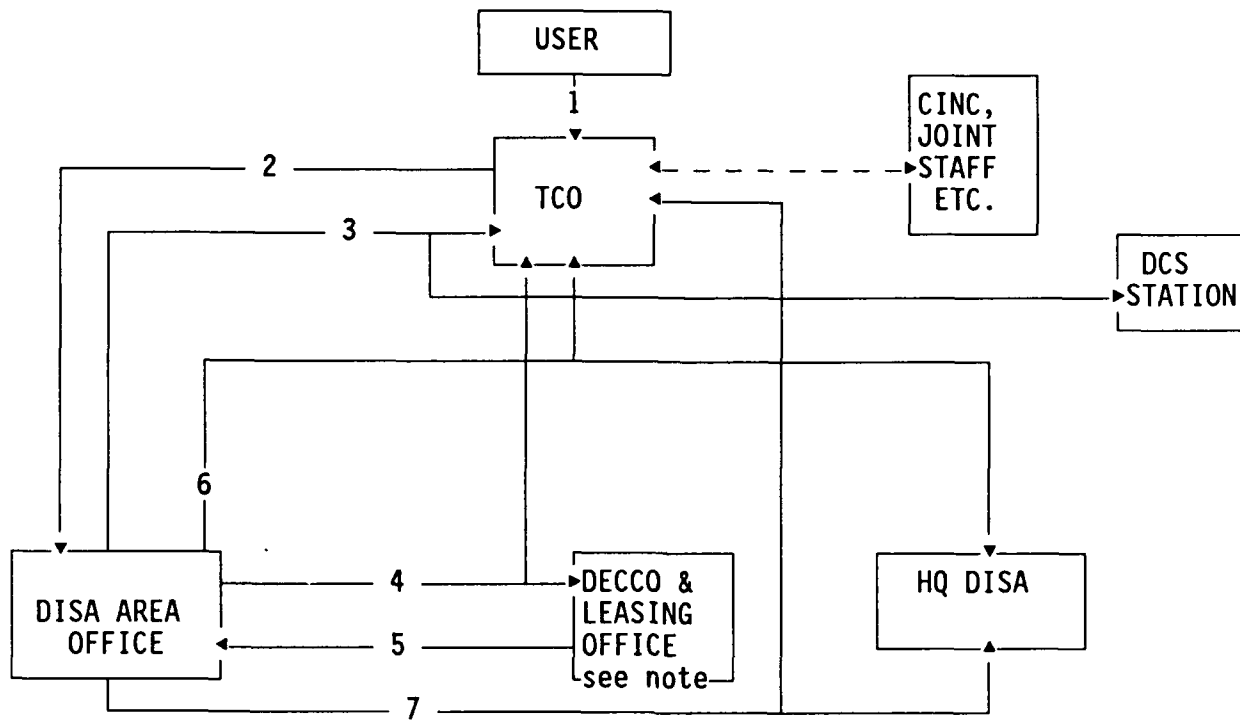
1. CFCC initiates a RFS to DISA.
2. DISA assigns a PDC and initiates a TSR (action: TMSO; information: CFCC).
3. TMSO issues a TSO (action: DECCO and CFCC).
4. DECCO and CFCC initiate procurement actions.
5. DECCO issues a C'M and CFCC issues a CSAM.
6. CCO/CMO generates a completion report.

FIGURE 7F. FLOW OF DSN/CSN INTERSWITCH TRUNK ORDERING
- CROSS BORDER - CANADIAN ORIGINATED REQUIREMENT



1. Requirement processed through user's chain of command.
2. Advance coordination required with respective service component command as appropriate with information copy to USCINCEUR.
3. TCO designated by MILDEP shown in chapter 1, table 1, this Circular, forwards TSR to USCINCEUR for concurrence in use of Government-owned communications resources and for approval of NCS TSP assignment. The TSR is also forwarded to NCS for TSP Assignment, if applicable.
4. USCINCEUR issues concurrence or nonconcurrence for use of Government-owned resources and approval or nonapproval of NCS TSP assignments.
5. Consult DISA Europe's supplement 1 to this Circular for unique Europe input.
6. DISA or DISA-EUR implements TSR with TSO to appropriate agencies.

FIGURE 8. FLOW OF REQUIREMENTS WHOLLY WITHIN OR BETWEEN
DCS AREAS 3, 4, AND 5 (DISA-EUROPE)



1. Requirement processed through user's chain of command.
2. Certified requirement is addressed to the DISA area, and a copy sent to NCS for TSP Assignment. (See paragraph 3, chapter 4.) The TCO will obtain CINC, Joint Staff, or other approval, where required.
3. The DISA area fulfills all requirements which can be satisfied from existing resources by issuance of a TSO to all elements having an implementation responsibility; an information copy of the TSO is addressed to the TCO.
4. If leasing action, including transoceanic leases, is necessary and authorized by the TCO, the DISA area will issue a TSO to the leasing office to proceed in accordance with leasing procedures applicable within the DISA area involved; an information copy of this authorization is provided to the TCO.
5. DECCO or the DISA area leasing office will perform leasing functions and furnish the DISA Area, TCO, and technical controls a status of acquisition message (SAM).

FIGURE 9. FLOW OF REQUIREMENTS WITHIN THE DISA-PACIFIC AREA,
EXCLUDING SPECIAL USER REQUIREMENTS AND SWITCHED
NETWORKS ACCESS LINE REQUIREMENTS

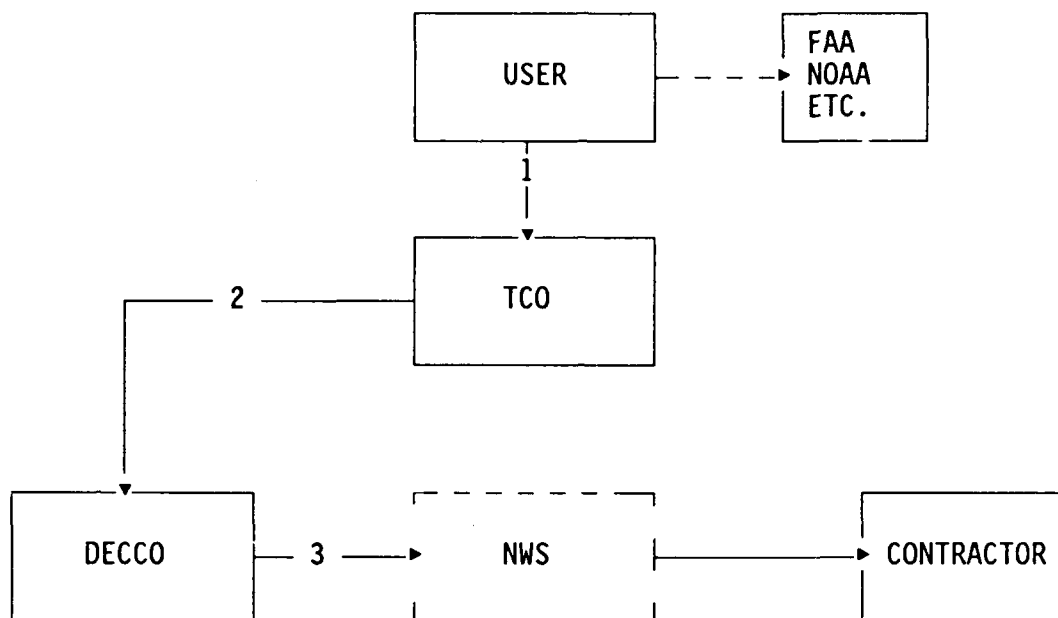
6. If the additional Government-owned facilities are necessary to fulfill the requirement, a recommended subsystem/project plan will be forwarded to Director, DISA DA, with an information copy to the TCO. (See also paragraph 3, chapter 2.)

7. The TSO issued by the area will contain the CCSD, the TSR number, and the TSP Assignment. DECCO will issue a circuit order containing the same information plus the CCN assigned in the carrier's quotation. Information copies of the order to the carrier will be sent to the DISA area, the TCO, the CCO/CMO, and others as required.

8. The activity designated in the TSO will submit a completion report in accordance with paragraph 10, chapter 2, this Circular.

NOTE. DECCO--Intercountry cable and satellite leases,
equipment leases.
DECCO-PAC--Hawaii leases (information copy of TSR/TSO to
DECCO-Scott/RITSR).
Country Executive O&M--In-country circuit leases.
TCO User--Other in-country leases.
Australia, New Zealand Leases--Similar to CADIN,
figure 7, for all requirements.
See chapter 4, paragraph 4e, this
Circular.

FIGURE 9. FLOW OF REQUIREMENTS WITHIN THE DISA-PACIFIC
AREA, EXCLUDING SPECIAL USER REQUIREMENTS AND SWITCHED
NETWORKS ACCESS LINE REQUIREMENTS (CON.)

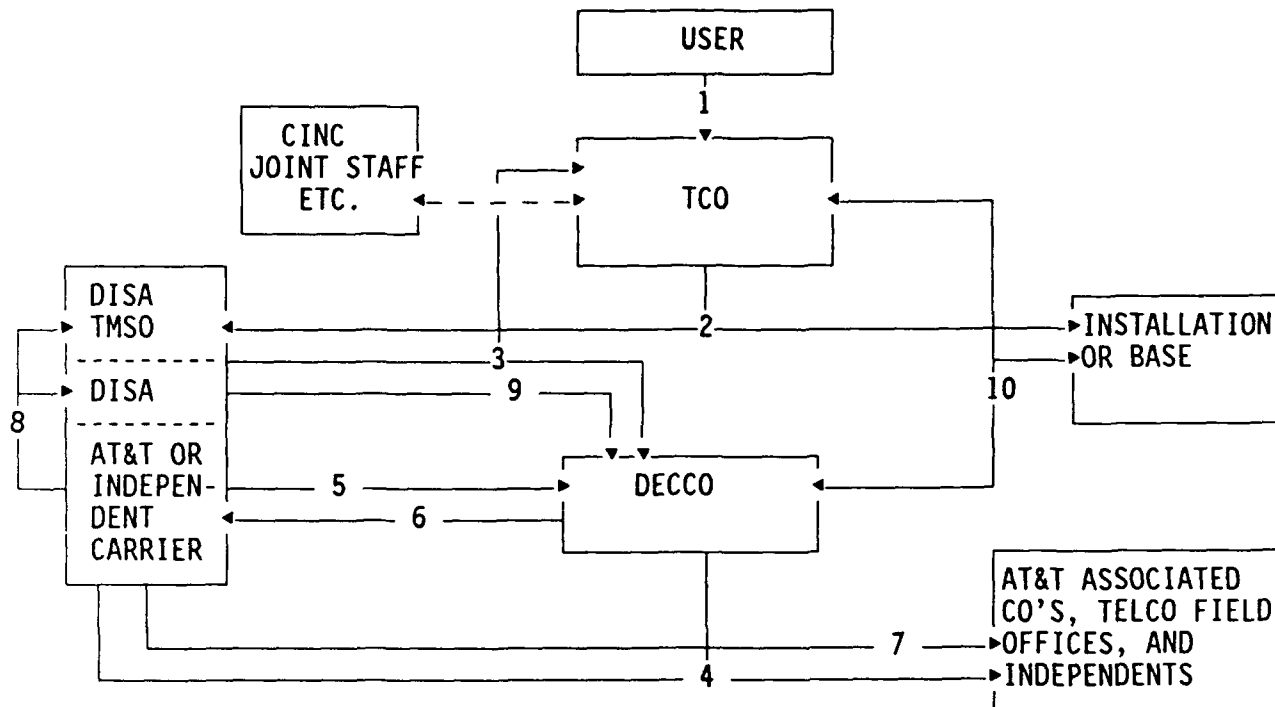


1. Requirement is submitted to the TCO for certification. If the requirement is for FAA or NOAA (GOES) weather service, authorization (FAA or NOAA) must be obtained prior to submission of the TSR to the TCO. (The authorization should be cited in item 503 of the TSR.)

2. Certified requirement is forwarded to DECCO for action. TSR's for non-DCS leased service wholly within the States of Hawaii or Alaska will be addressed to DECCO-PAC or DECCO-AK as appropriate. A copy is also forwarded to Manager, NCS for TSP Assignment, if applicable, and to DECCO-Scott/RITSR.

3. If the TSR is for service other than NOAA (GOES) weather, DECCO will perform normal leasing action with the contractor. If the TSR is for CONUS NOAA (GOES) weather, DECCO will forward the TSR for action to NWS. NWS will perform leasing action with the contractor. (See figure 19 for flow of NOAA (GOES) weather requirements within Alaska.)

FIGURE 10. FLOW OF NON-DCS LEASED REQUIREMENTS

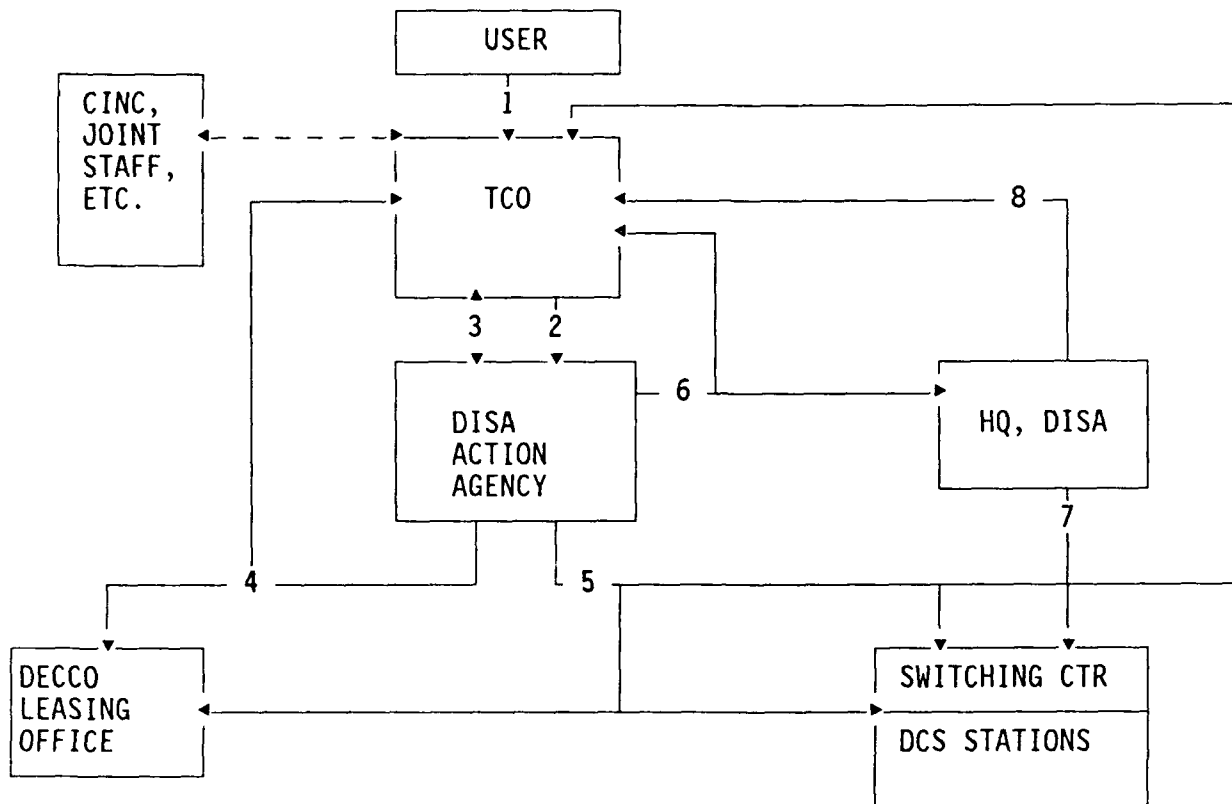


1. Requirement processed through user's chain of command.
2. Certified requirement is submitted to DISA TMSO for action with information copy to the installation (post, camp, base, station) concerned and to NCS for TSP Assignment. (See paragraph 3f, chapter 4.) CINC, Joint Staff, or other approval will be obtained by the TCO, where required.
3. DISA TMSO reviews the requirement and issues Telecommunications Service Order for DECCO to take necessary leasing action and provides a copy to TCO.
4. DECCO issues inquiry to the commercial carrier(s) for service. (This step is not required for disconnect.)
5. Commercial carrier receives inquiry, accomplishes initial processing, including any required coordination, and sends quotation to DECCO.

FIGURE 11. FLOW OF CONUS ONLY DSN/AUTOVON ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER REQUIREMENTS

6. DECCO orders the required services. The order will contain the TSR number, the CCSD, the TSP Assignment, and the CCN. Information copies of the order to the carrier will be sent to DISA TMSO, the TCO, and the CCO/CMO designated in the TSO.
7. Commercial carrier issues order to field office. AT&T reviews all access line requirements to determine growth statistics and probable trunk circuit requirements.
8. AT&T forwards growth requirements and recommended trunk requirements to DISA DIS for review, with an information copy to DISA TMSO.
9. DISA DIS, reviews and approves or disapproves trunk recommendations and forwards trunk worksheets to DECCO. DECCO orders the trunks that are approved.
10. The activity designated in the TSO will submit a completion report in accordance with chapter 2, paragraph 10, this Circular.

FIGURE 11. FLOW OF CONUS ONLY DSN/AUTOVON ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER REQUIREMENTS (CON.)

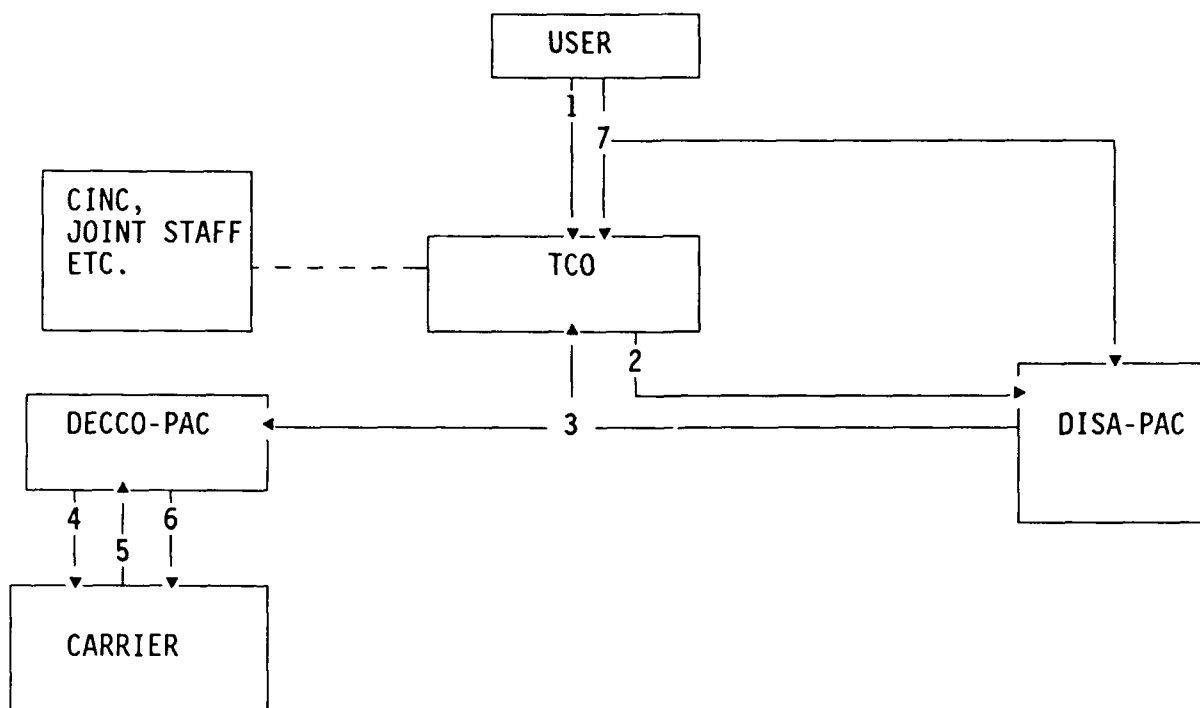


1. Requirement processed through user's chain of command.
2. Certified requirement is submitted to the DISA action agency concerned for provision of service from existing DCS resources or leasing action, with information copies to Headquarters, DISA (DIS or DISM) and to NCS for TSP Assignment. (See chapter 4, paragraph 3f.) CINC, Joint Staff, or other approval will be obtained by the TCO, where required.
3. If leased facilities are required and funding authority is not contained in the TSR, coordination is effected with the certifying authority, who must approve the leasing action and provide necessary funds before issuing a TSO to the DISA area leasing office.
4. A TSO is issued to the DISA-area leasing office on validated requirements for leased services. The DISA-area leasing office takes action to obtain the required services.

FIGURE 12. FLOW OF REQUIREMENTS FOR DCS AREAS 1 AND 2, EXCLUDING CONUS DSN/AUTOVON AND OVERSEAS FOR DCS SWITCHED VOICE ACCESS LINES, EXCLUDING SPECIAL USER REQUIREMENTS AND HAWAII ON-ISLAND REQUIREMENTS

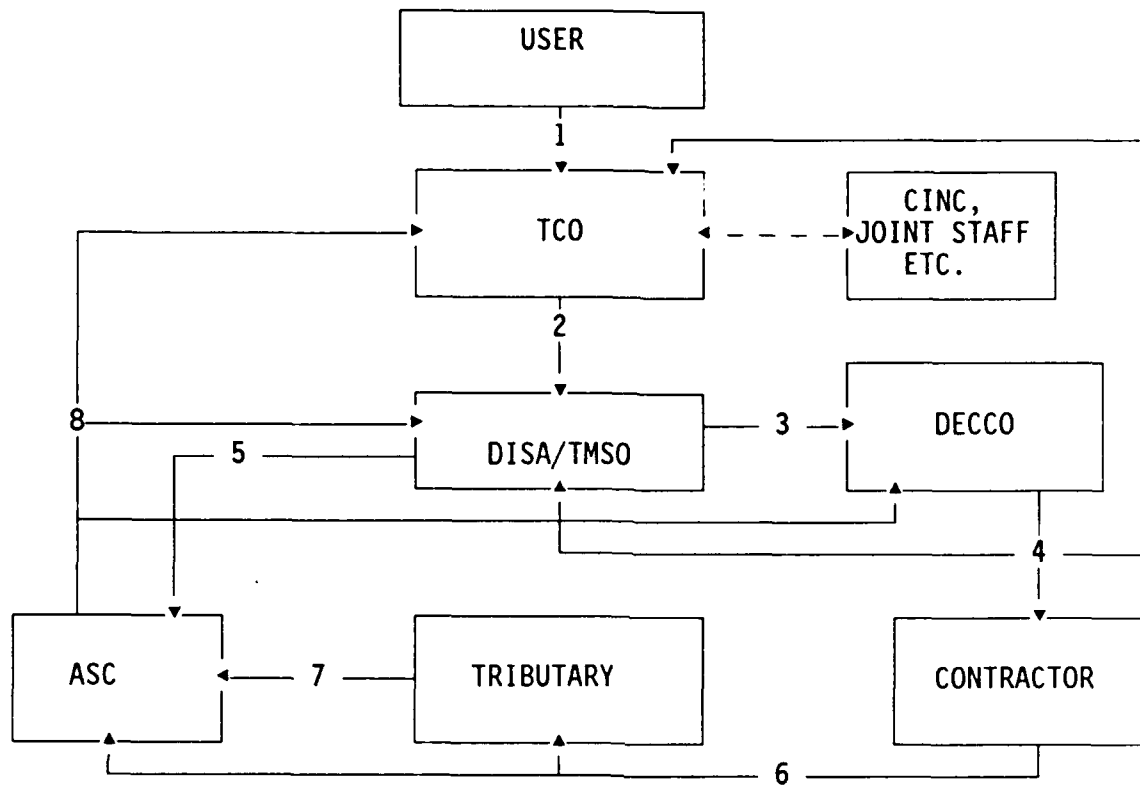
5. A TSO is issued to activities as indicated. The leasing authority will be omitted as an addressee when leasing action is not involved, except that DECCO will be an addressee for CSOF-DSA accounting. The TSO will contain the TSR number, the CCSD, and the TSP Assignment. A copy of the leasing order will be provided to the DISA action agency, the TCO, and the CCO.
6. The DISA action agency prepares and submits mnemonic encoding to Director, DISA DIS.
7. DISA prepares switch memory encoding and sends it to the DSN/AUTOVON switching center.
8. If additional Government-owned facilities are required, the DISA action agency submits a recommended subsystem/project plan to Director, DISA ATTN: DA, with an information copy to the TCO.
9. DISA advises the certifying authority when service can be available.
10. The activity designated in the TSO will submit a completion report in accordance with chapter 2, paragraph 10, this Circular.

FIGURE 12. FLOW OF REQUIREMENTS FOR DCS AREAS 1 AND 2,
EXCLUDING CONUS DSN/AUTOVON AND OVERSEAS FOR DCS SWITCHED
VOICE ACCESS LINES, EXCLUDING SPECIAL USER REQUIREMENTS
AND HAWAII ON-ISLAND REQUIREMENTS (CON.)



1. Requirement processed through user's chain of command.
2. Certified requirement is sent to DISA-PAC for action with information copies to Headquarters, DISA (DIS and DISM) and to NCS for TSP Assignment. (See chapter 4, paragraph 3f.) CINC, Joint Staff, or other approval will be obtained by the TCO, where required.
3. DISA-PAC issues a TSO to DECCO-PAC with an information copy to the TCO and DECCO-Scott/RITSR. The TSO will contain the TSR number, the CCSD, and the TSP Assignment.
4. Service inquiry is sent to carrier.
5. Carrier quotation of charge is submitted to DECCO-PAC.
6. DECCO-PAC will issue a circuit order to carrier. The order will contain the TSR number, the CCSD, the TSP Assignment, and the CCN obtained from the carrier's quotation. Information copies of the order to the carrier will be sent to DISA-PAC, the TCO, and the CCO/CMO designated in the TSO.
7. The activity designated in the TSO will submit a completion report in accordance with chapter 2, paragraph 10, this Circular.

FIGURE 13. FLOW OF HAWAII ON-ISLAND DCS SWITCHED VOICE
ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER
REQUIREMENTS

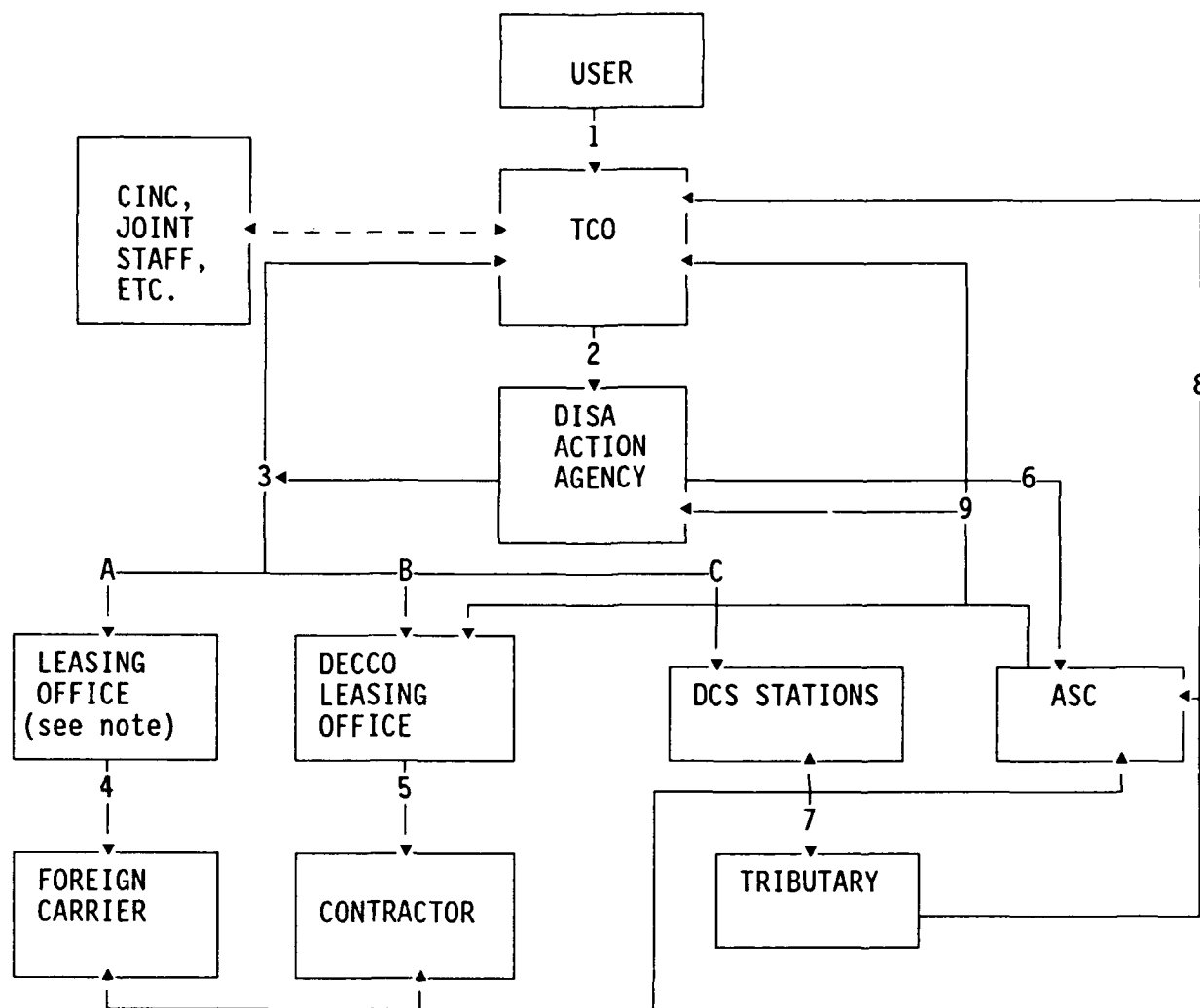


1. Requirement processed through user's chain of command.
2. Certified requirement is submitted to DISA TMSO for action. Copies are sent to NCS for TSP Assignment. (See chapter 4, paragraph 3f, this Circular.) CINC, Joint Staff, or other approval will be obtained by the TCO, where required.
3. DISA TMSO reviews traffic capability versus requirements, both from and into AUTODIN, and coordinates with the TCO if problems exist which preclude provision of the requested service. If the requirement is acceptable, DISA TMSO determines the proper ASC assignment, assigns routing indicators, and issues TSO to DECCO.
4. DECCO takes leasing action. An information copy of the order and subsequent completion report from the company is sent to the Certifying Office and DISA TMSO. The order will contain the TSR number, the CCSD, the TSP Assignment, and the CCN as assigned in the contractor's quotation.
5. DISA TMSO makes assignments.

FIGURE 14. FLOW OF AREAS 1 AND 2 AUTODIN ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER REQUIREMENTS

6. After the contractor installs and tests the service, the activities involved coordinate and assist with operational testing.
7. Notice of installation completion and acceptance is submitted from the tributary station to the ASC and the TCO.
8. The ASC submits the AUTODIN Action Notice (AAN) in accordance with DISAC 310-D70-30.
9. The activity designated in the TSO will submit a completion report in accordance with chapter 2, paragraph 10, this Circular. AAN's submitted in accordance with paragraph 8 above constitute a completion report when the AUTODIN Technical Control was designated as CCO in the TSO. No separate report under this Circular is required.

FIGURE 14. FLOW OF AREAS 1 AND 2 AUTODIN ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER REQUIREMENTS (CON.)



1. Requirement processed through user's chain of command.

2. Certified requirement is submitted to the DISA overseas area concerned for action. A copy is sent to NCS for TSP Assignment, if required. (See chapter 4, paragraph 3f, this Circular.) TSR's for access lines for DCS area 9 will be sent to DISA TMSO. CINC, Joint Staff, or other approval will be obtained by the TCO, where required.

3. The DISA action agency reviews traffic capability versus requirements both from and into AUTODIN and coordinates as required with the TCO if problems exist which preclude provision of the requested service.

FIGURE 15. FLOW OF REQUIREMENTS FOR OVERSEAS AUTODIN ACCESS LINES, EXCLUDING SPECIAL USER REQUIREMENTS AND HAWAII ON-ISLAND REQUIREMENTS

If the requirement is acceptable, the DISA action agency determines the proper ASC assignment, assigns the routing indicator, and issues the TSO to provide the required access circuitry (either by lease (3A) or from existing DCS resources (3C)) and terminal equipment (either by lease (3B) or from existing DCS resources (3C)). The TSO will contain the TSR number, the CCSD, and the TSP Assignment. (3A, 3B, and 3C refer to like numbers in figure 15 flow chart.)

4. Leasing action for access circuitry is taken, if required. The order will contain the TSR number, the CCSD, the TSP Assignment, and the CCN. A copy of the leasing order will be provided to the DISA action agency, the TCO, and the CCO/CMO.

5. Leasing action is taken for procurement of terminal equipment, if required.

6. Circuit details, including channel and termination assignments, are established and Local Table Revision (index parameter changes) issued.

7. The activities involved coordinate and assist in installation and testing.

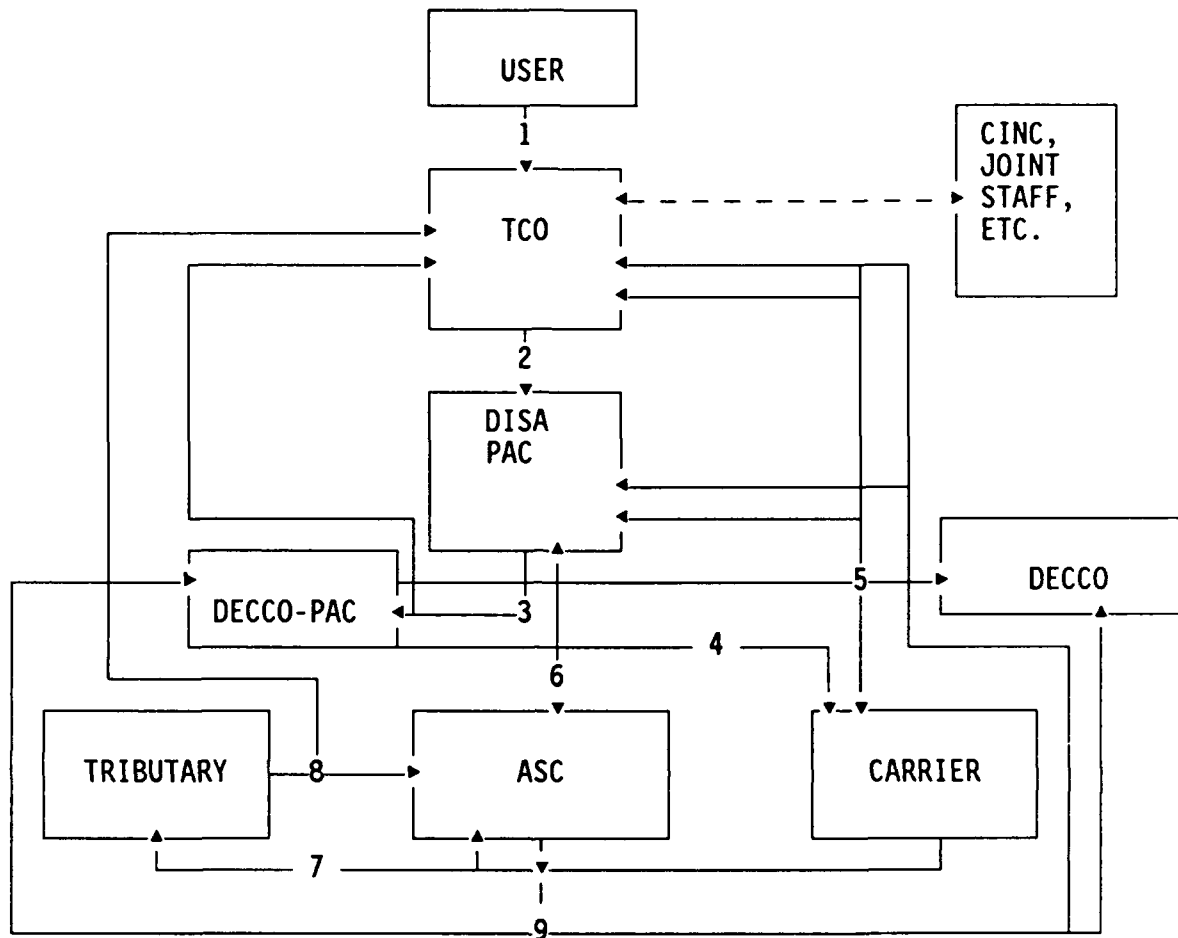
8. Notice of installation completion and acceptance is submitted from the tributary station to the ASC and the TCO.

9. The ASC submits the AUTODIN Action Notice in accordance with DISAC 310-D70-30.

10. The activity designated in the TSO will submit a completion report in accordance with chapter 2, paragraph 9, this Circular. AUTODIN Action Notices submitted in accordance with paragraph 9 above constitute an in-effect report and no separate report under this circular is required.

NOTE. DECCO--Equipment and intercountry cable and satellite leases.
DECCO-PAC--Hawaii circuit and equipment leases,
Pacific equipment leases (with information copy of TSR/TSO to
DECCO-Scott/RITSR).
Country Executive O&M--In-country circuit leases.
TCO User--Other in-country circuit leases.
Australia/New Zealand Leases--Similar to CADIN,
figure 7, for all requirements. See chapter 4,
paragraph 4e, this Circular.

FIGURE 15. FLOW OF REQUIREMENTS FOR OVERSEAS AUTODIN
ACCESS LINES, EXCLUDING SPECIAL USER REQUIREMENTS AND
HAWAII ON-ISLAND REQUIREMENTS (CON.)

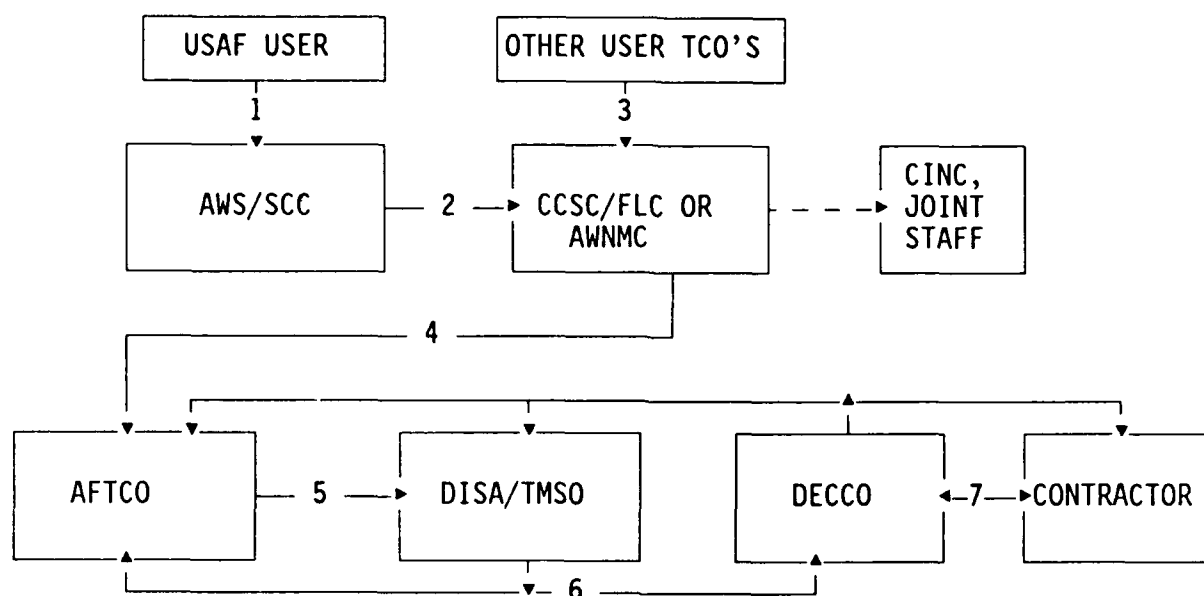


1. Requirement processed through user's chain of command.
2. Certified requirement is submitted to DISA-PAC for action. Copies are sent to NCS for TSP Assignment. (See chapter 4, paragraph 3f, this Circular.) CINC, Joint Staff, or other approval will be obtained by the TCO, where required.
3. DISA-PAC reviews traffic capability versus requirements both from and into AUTODIN and coordinates with the TCO if problems exist which would preclude provision of the requested service. If the requirement is acceptable, DISA-PAC will assign routing indicator, assign the CCSD, designate the CCO, and submit a TSO to DECCO-PAC for action and the TCO and DECCO-Scott/RITSR for information.
4. DECCO-PAC takes leasing action, if necessary.

FIGURE 16. FLOW OF HAWAII ON-ISLAND AUTODIN
ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER
REQUIREMENTS

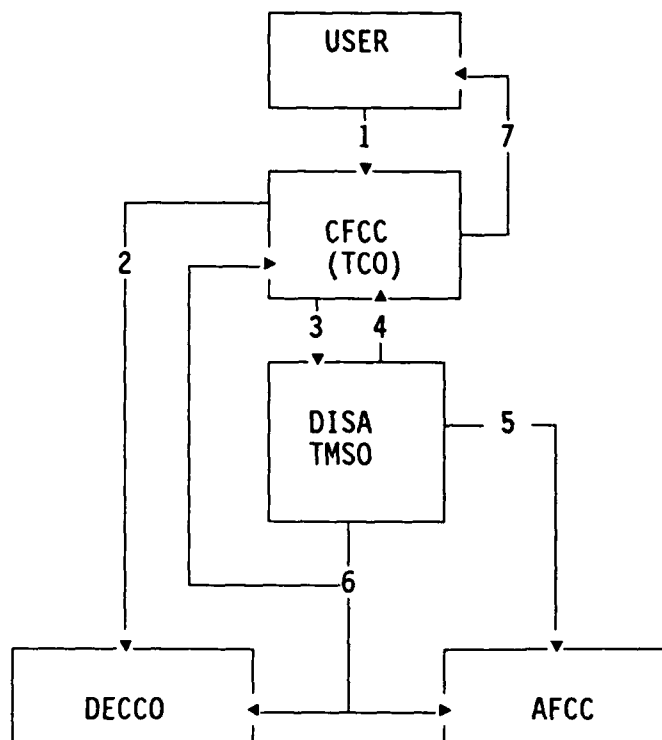
5. Leasing action pertaining to the circuit is taken. An information copy of the order is sent to the TCO, the CCO/CMO, and DISA-PAC. The order will contain the TSR number, the CCSD, the TSP Assignment, and the CCN.
6. Action is taken to make channel and terminating assignments.
7. After the facility is installed and tested by the contractor, the activities involved coordinate and assist with operational testing.
8. Notice of installation completion and acceptance is submitted from the tributary station to the ASC and the TCO.
9. The ASC submits the AUTODIN Action Notice in accordance with DISAC 310-D70-30.
10. The activity designated in the TSO will submit a completion report in accordance with chapter 2, paragraph 10, this Circular. AUTODIN Action Notices submitted in accordance with paragraph 9 above constitute an in-effect report and no separate report under this circular is required.

FIGURE 16. FLOW OF HAWAII ON-ISLAND AUTODIN
ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER
REQUIREMENTS (CON.)



1. U.S. Air Force activities forward weather requirements through channels to AWS/SCC for validation.
2. AWS/SCC validates the requirement and forwards it to CCSC/FLC. Requirements for the CONUS Meteorological Data System (COMEDS) are forwarded to AWNMC.
3. Activities other than USAF desiring USAF weather service forward requirements through their command channels to their TCO. The TCO certifies the requirements and forwards to CCSC/FLC or for COMEDS requirements, to AWNMC Carswell AFB TX.
4. CCSC/FLC or AWNMC reviews the weather service requirements for technical adequacy, port assignment when required, obtains CINC or Joint Staff approval if required, and forwards the requirements (RFS) to the Air Force TCO.
5. The AFTCO certifies fund availability and forwards the TSR to DISA TMSO for TSO action and to NCS for TSP Assignment, if required.
6. DISA TMSO assigns CCSD, issues TSO, and forwards the TSO to DECCO and other activities having an interest in the service.
7. DECCO performs normal leasing action with contractor. (Leased terminal equipment supporting weather service will be obtained in accordance with figure 5.)
8. DECCO issues CSA to contractor with copy to DISA TMSO and other activities having an interest in the service.
9. The activity designated in the TSO will submit a completion report in accordance with chapter 2, paragraph 10, this Circular.

FIGURE 17. FLOW OF WEATHER REQUIREMENTS WITHIN CONUS
FOR USAF-CONTROLLED WEATHER SERVICE

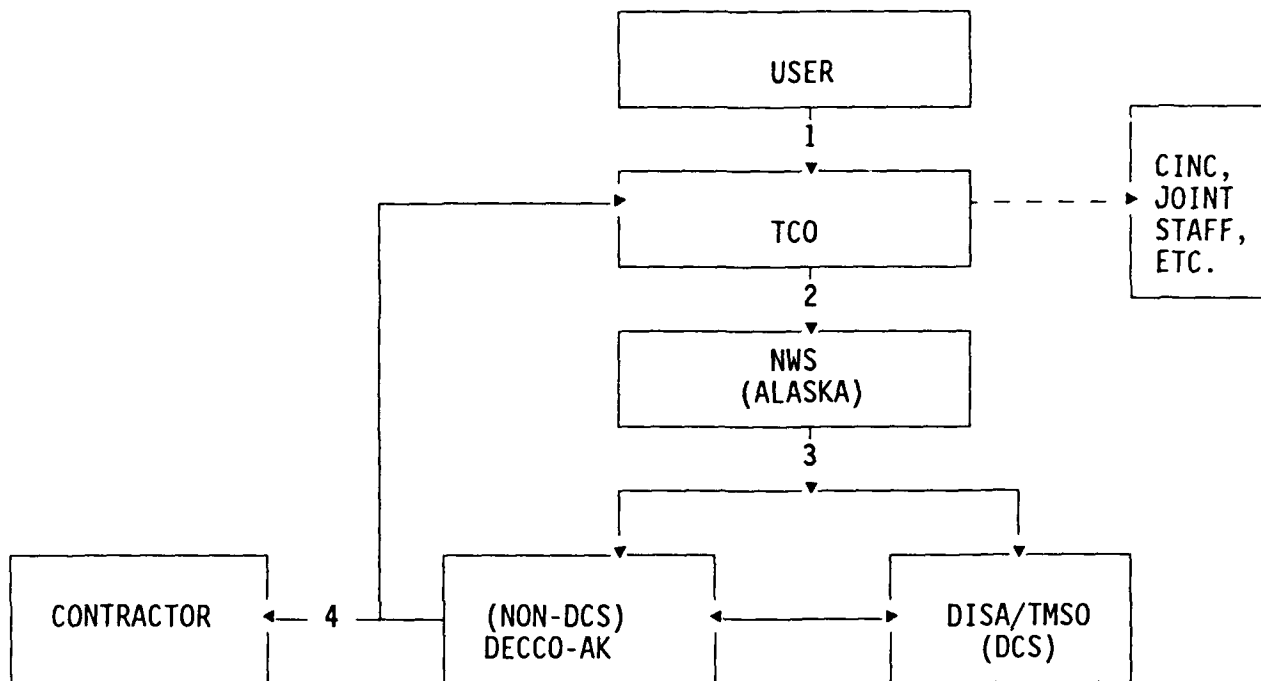


1. Requirement processed through user's chain of command.
2. Requirement involving cross-border leased service only is handled by Canadian Forces Communications Command (CFCC) and DECCO in accordance with existing DECCO and CFCC procedures. Information copies of the TSR will be sent to DISA TMSO and to NCS for TSP Assignment. (See chapter 4, paragraph 3f, this Circular.)
3. Requirements involving use of U.S. Government-owned facilities, either in conjunction with leased facilities or without leased facilities, are forwarded to DISA TMSO to determine availability of U.S. Government-owned facilities.
4. If U.S. Government-owned facilities are not available, DISA TMSO returns requirement to CFCC.
5. If U.S. Government-owned facilities are available, DISA TMSO coordinates with AFCC to determine whether reimbursement for use of U.S. Government-owned facilities in Canada is required. If reimbursement is required, AFCC will take direct action with the using Canadian Government agency in accordance with established AFCC procedures.

FIGURE 18. FLOW OF CANADIAN GOVERNMENT MILITARY
(NON-CADIN) REQUIREMENTS WITHIN AND BETWEEN
DCS AREAS 1 AND 2 AND NONMILITARY REQUIREMENTS
WITHIN AREA 2

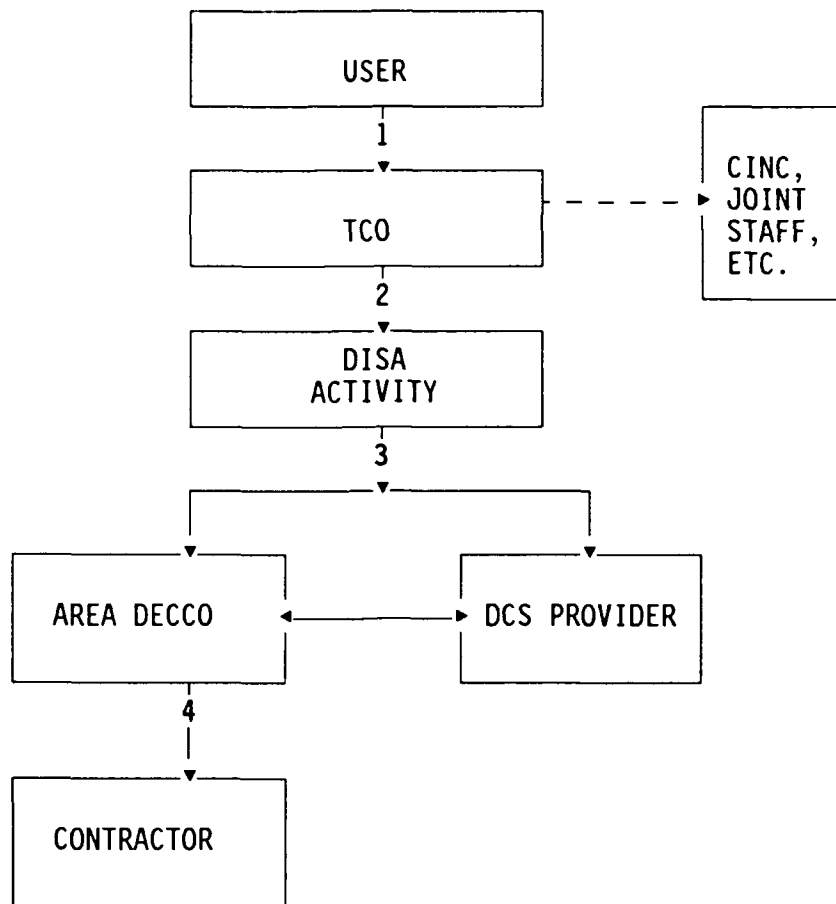
6. DISA TMSO assigns a CCSD and issues TSO to all elements having implementing responsibility, including DECCO if leasing action south of the U.S.-Canada border is required, and AFCC (CSPR) if reimbursement for use of U.S. Government-owned facilities in Canada is required. Leasing action south of the U.S.-Canada border will be handled by DECCO in accordance with existing DECCO and CFCC procedures. The TSO will contain the TSR number, the CCSD, and the TSP Assignment. The order to the carrier will contain the same information plus the CCN.
7. CFCC will notify the requesting Canadian agency of the action taken.
8. The activity designated in the TSO will submit a completion report in accordance with chapter 2, paragraph 10, this Circular.

FIGURE 18. FLOW OF CANADIAN GOVERNMENT MILITARY
(NON-CADIN) REQUIREMENTS WITHIN AND BETWEEN
DCS AREAS 1 AND 2 AND NONMILITARY REQUIREMENTS
WITHIN AREA 2 (CON.)



1. Requirement processed through user's chain of command.
2. Certified requirement is addressed to NWS-Alaska, for authorization to interface the NWS network. (See chapter 4, paragraph 4c(2), this Circular.) CINC, Joint Staff, or other approval will be obtained by the TCO, where required, before the TSR is sent to NWS-Alaska (with an information copy to DECCO-Scott/RITSR).
3. NWS-Alaska authorizes the interface and forwards the TSR to DISA TMSO for DoD agencies or to DECCO-Alaska, as applicable. DISA TMSO assigns CCSD before the TSO is sent to DECCO-Alaska.
4. DECCO-Alaska issues an order to the contractor with information copies addressed to DISA TMSO and the TCO, as applicable.

FIGURE 19. FLOW OF REQUIREMENTS FOR
NWS WEATHER SERVICE WITHIN ALASKA



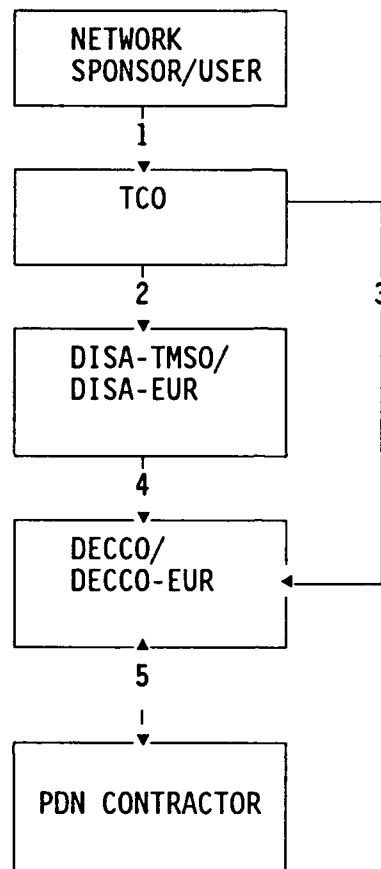
1. The RFS/Feeder TSR for DDN overseas user requirements will be sent through the user's normal Service/Agency chain of command to their TCO.

2. The Service or Agency TCO will review, validate, certify the requirements and forward the TSR to the appropriate DISA activity and to NCS for the TSP assignment, if required, with an information copy to DISA WASHINGTON DC//DOCT/DISP/DSPA//. CINC, Joint Staff, or other approval will be obtained by the TCO, where required.

3. The DISA activity reviews and validates the requirement against the IDS-MIS, completes the DDN TSR items and issues a completed TSR to the appropriate DISA A&E function for processing into a TSO for the requested service. The TSO is distributed to the appropriate DECCO activity (and/or DECCO-Scott) or DCS provider, and other activities having an interest in the service.

FIGURE 20. FLOW OF OCONUS USER REQUIREMENTS FOR DDN

4. The appropriate Area DECCO takes action as required. A Status of Acquisition Message (SAM) or Circuit Demand will be provided to all addressees listed in the TSO. The DCS provider will ensure that circuit and/or equipment is provided and installed on time.
5. The contractor performs leasing functions in accordance with the DECCO order. In OCONUS, the DCS provider and the DDN Area Office will report completions to the Communications Management Office (CMO) or Communications Control Office (CCO).
6. The Service or Agency designated POC will report to the appropriate DISA Area DDN Office when the circuit and equipment has been installed. The DISA Area DDN Office will then activate the hot plug type connection to the network. The identified CMO or CCO will in-effect the requirement in accordance with chapter 2, paragraph 10, of this circular.



1. Sponsor (usually a host computer manager) sends Request for Service (RFS) through command channels to TCO. This RFS should include all information required to submit a TSR to DISA Allocation and Engineering (A&E) activity and to submit a detailed Public Data Network (PDN) Performance Specification (PS) to DECCO. DECCO provides TCO's a Guide for PDN Performance Specifications and can assist at any time during development of the PS.

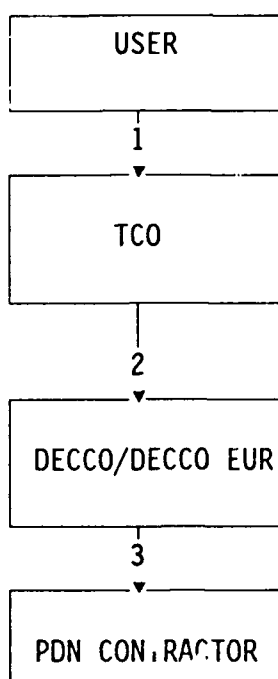
2. TCO validates requirement and submits TSR to the appropriate DISA A&E activity.

3. Simultaneously with the TSR, TCO forwards PS directly to DECCO Scott or DECCO Europe as appropriate. Network requirements for a host computer in Hawaii or Alaska will be processed by DECCO Scott. Network service in other Pacific areas will be leased by the appropriate MILDEP contracting activity; e.g., 5th AF in Japan.

FIGURE 21. FLOW OF NETWORK SERVICE PDN REQUIREMENTS

4. DISA A&E activity processes TSO to DECCO Scott/DECCO Europe for processing with PS.
5. DECCO executes formal, competitive acquisition action in close coordination with TCO and user.

FIGURE 21. FLOW OF NETWORK SERVICE PDN REQUIREMENTS (CON.)

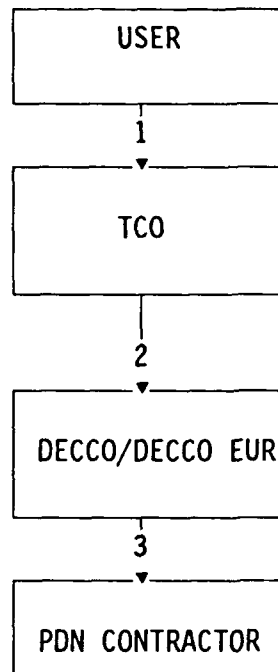


1. Overseas users needing dial up access to existing PDN's process request through command channels to TCO.

2. TCO validates requirement and submits TSR to DECCO Scott or DECCO Europe. DECCO Scott processes all requirements for Alaska and Hawaii. Appropriate MILDEP leasing authorities acquire dial-up service in Pacific areas other than Hawaii. Requirements for PDN dial access in DISA areas 3, 4, and 5 are processed by DECCO Europe.

3. DECCO Scott leases dial-up service from Hawaii and Alaska. In most cases this will be a change to an existing network contract with a CONUS PDN carrier. DECCO Europe acquires service from appropriate local carrier or CONUS PDN carrier's authorized agent.

FIGURE 22. FLOW OF REQUIREMENTS FOR OVERSEAS DIAL ACCESS TO PDN'S

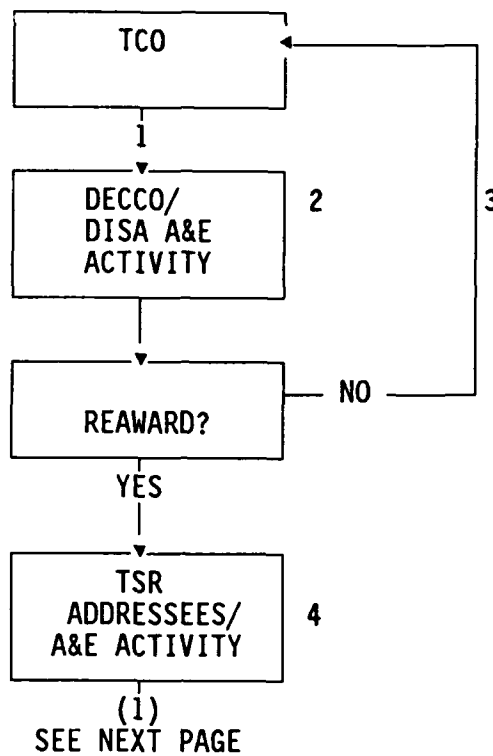


1. The user is a sponsor or single point of contact for a community of interest requiring electronic mail service. The electronic mail network sponsor submits the requirement to the TCO, including usage projections to support development of an electronic mail Performance Specification (PS).

2. The TCO validates the requirement and submits TSR directly to DECCO or DECCO Europe. Requirements for CONUS, Hawaii, and Alaska are processed by DECCO Scott. Those in DISA areas 3, 4, and 5 are processed by DECCO Europe. Appropriate MILDEP acquisition authorities lease service in Pacific areas other than Hawaii. TSR must include terminal traffic projections to support PS for formal competitive acquisitions. If PS data are too voluminous for message TSR, submit separate supporting documentation by mail. DECCO provides TCO's guidance on format and content required for this type of PS.

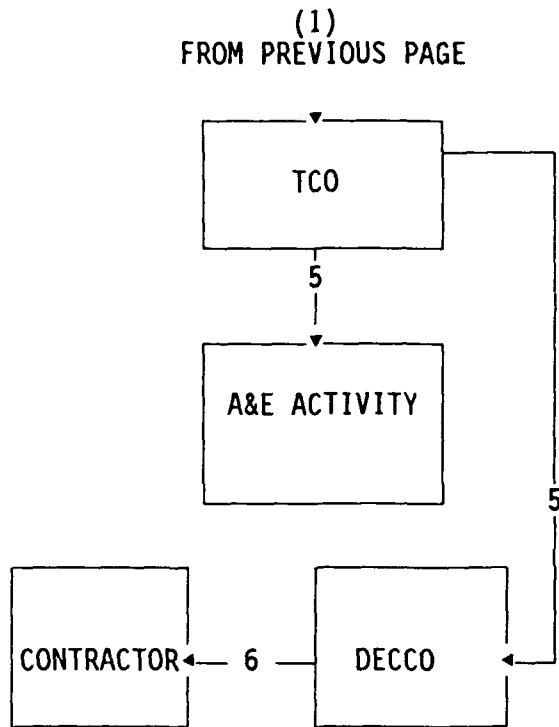
3. After working with TCO and sponsor to refine PS, DECCO completes formal, competitive acquisition of service from among PDN carriers. DECCO does not acquire electronic mail services offered by remote teleprocessing companies. These types of services are acquired through GSA's Teleprocessing Service Program.

FIGURE 23. FLOW OF PDN ELECTRONIC MAIL REQUIREMENTS



1. TCO submits "REAWARD" TSR directly to the appropriate DISA action agency.
2. DECCO issues telecommunications service inquiries to prospective bidders.
3. If telecommunications service is not reawarded, DECCO will notify TCO by message, and identify why service was not reawarded.
4. If telecommunications service is reawarded, DECCO will notify all TSR addressees and the appropriate A&E activity by Status of Acquisition Message (SAM).

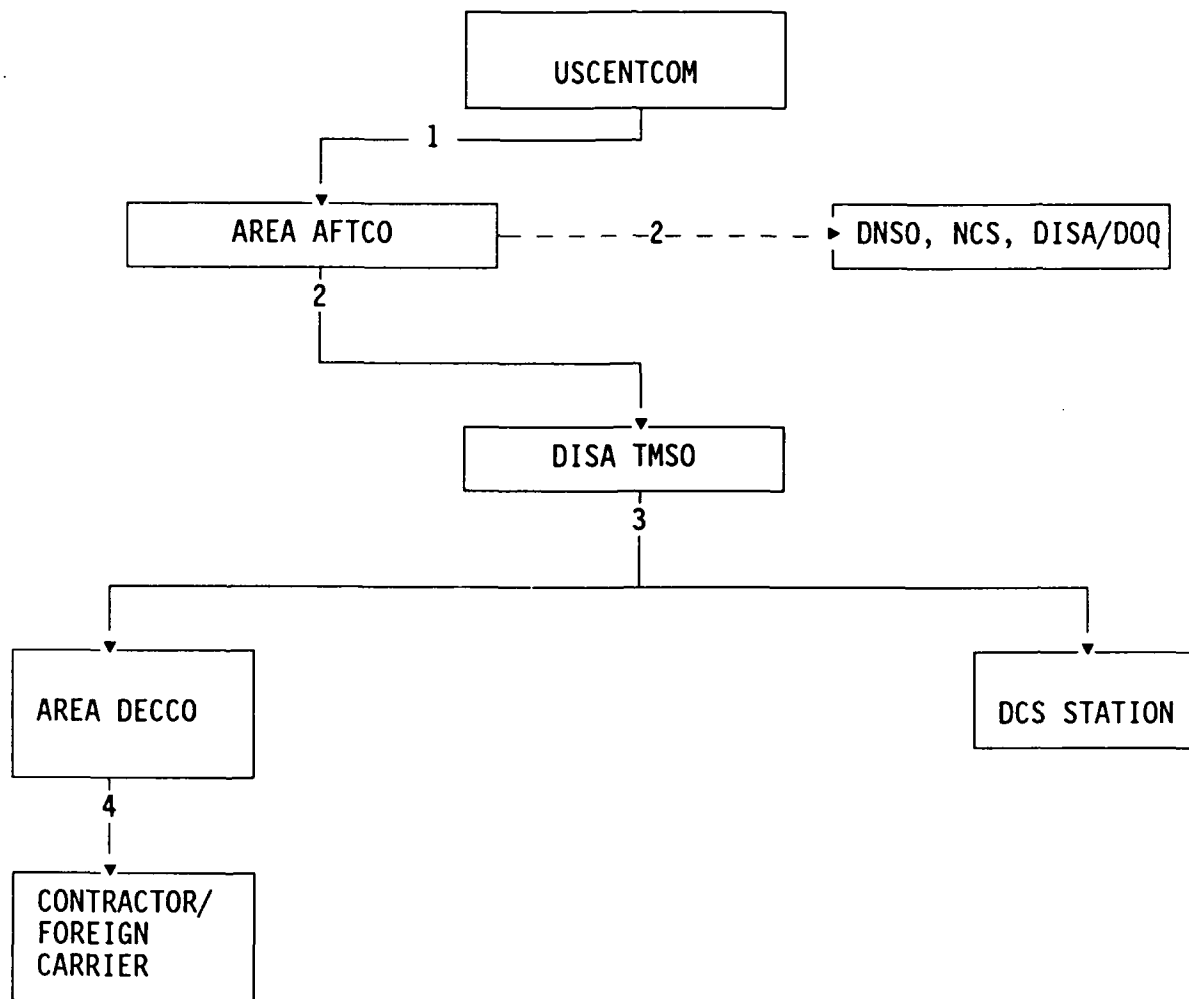
FIGURE 24. FLOW OF REAWARD REQUIREMENTS



5. In-effect report submitted on new service forwarded to A&E Activity/DECCO to discontinue old service.

6. DECCO issues order to vendor to discontinue old service.

FIGURE 24. FLOW OF REAWARD REQUIREMENTS (CON.)



1. Requirement processed from USCENTCOM to the appropriate AFTCO office for validation.

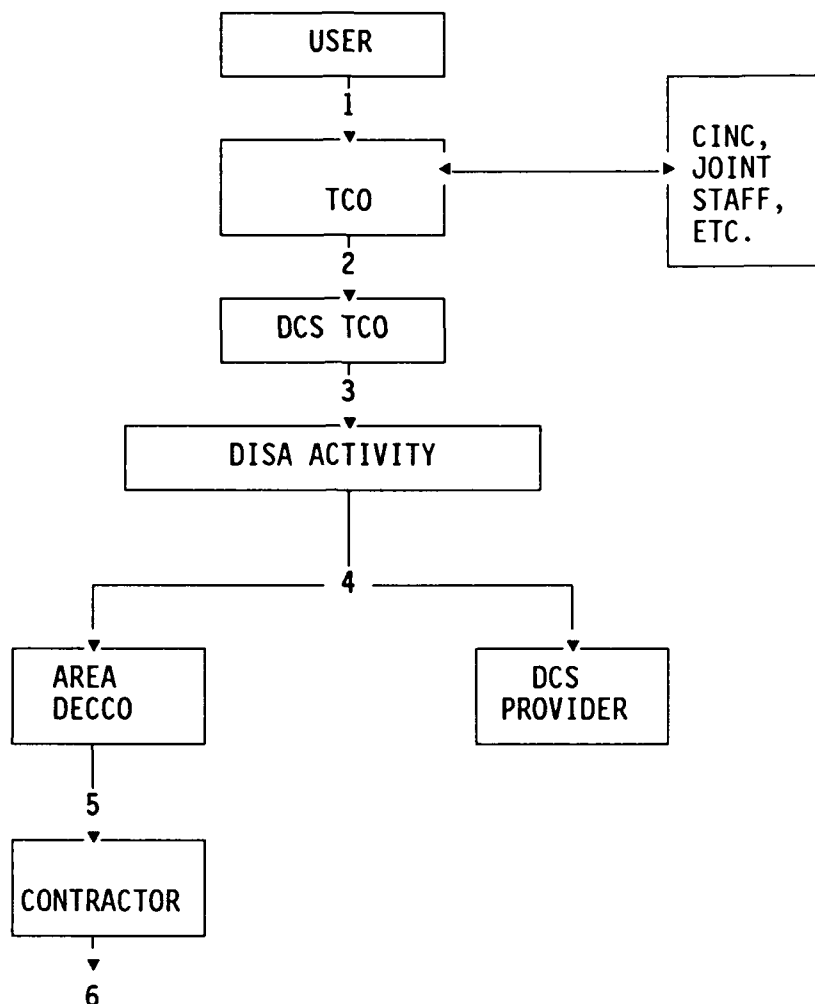
2. The area AFTCO office sends certified requirement for DCS service to DISA TMSO for action. Information copies of the TSR will be sent to DISA DOQ, and DITD and/or DIS if the requirement pertains to the DSCS or DCS switched voice/data networks, respectively. A copy will also be sent to NCS for TSP Assignment (if applicable). As required, Joint Staff or other approval will be cited in the TSR.

3. If the requirement can be satisfied by DCS facilities, DISA TMSO will issue a TSO to the appropriate DCS stations. If leased services or facilities are needed, and the TSR authorizes leasing action, an action copy of the TSO will go to the appropriate DECCO agency (DECCO, DECCO-PAC, DECCO-EUR).

FIGURE 25. FLOW OF REQUIREMENTS FOR USCINCENT (AREA 6)

4. DECCO performs appropriate leasing action with the contractor/foreign carrier (in accordance with applicable DISA area leasing procedures) and issues a Status of Acquisition Message (SAM) to all addressees of the TSO. The SAM lists pertinent information such as TSO/TSR number, CCSD, CSA if known yet, service date, and remarks. The appropriate supporting agency locally leases the required services/facilities.

5. The activity designated in the TSO will submit a completion report IAW this circular, Chapter 2, paragraph 10.



1. The RFS/Feeder TSR for DDN CONUS user requirements will be sent through the user's normal Service/Agency chain of command to their TCO.
2. The Service or Agency TCO will review, validate, and certify the requirements and forward the TSR to DCS TCO WASHINGTON DC and to NCS for the TSP assignment, if required, with an information copy to DISA WASHINGTON DC//DOCT/DISP/DISPA//. CINC, Joint Staff, or other approval will be obtained by the TCO, where required.
3. The DCS TCO reviews and validates the requirement against the IDS-MIS, assigns appropriate network assets, completes the DDN TSR items and forwards the completed TSR through the DISA system to DISA TMSO.
4. DISA TMSO issues a TSO for the requested service. The TSO is distributed to DECCO or the DCS provider, and other activities having an interest in the service.

FIGURE 26. FLOW OF CONUS USER REQUIREMENTS FOR THE DDN

5. DECCO takes action as required. A Status of Acquisition Message (SAM) will be provided to all addressees listed in the TSO. The DCS provider will ensure that circuit and/or equipment is provided and installed on time.

6. The contractor performs leasing functions in accordance with the DECCO order. The DCS provider and DDN Area Office will report completions to the Communications Management Office (CMO) or Communications Control Office (CCO).

7. The Service or Agency designated POC will report to the appropriate Service or Agency action officer within the DDN Subscriber Implementation Team when the circuit and equipment has been installed. The DDN Subscriber Implementation Team will then activate the hot plug type connection to the network. The identified CMO or CCO will in-effect the requirement in accordance with chapter 2, paragraph 10, of this circular.

EXAMPLES OF IN-EFFECT REPORTS

SINGLE IN-EFFECT REPORT

FM 2045 CG ANDREWS AFB MD
TO DISA TMSO TSR-TSO-CRP TRAFFIC SCOTT AFB IL
MGR NCS-TSP WASHINGTON DC
INFO ALL ADDRESSEES IN TSO
BT
UNCLAS
SUBJ: IN-EFFECT REPORT
A. DISA TMSO TSR-TSO-CRP-TRF QT 011500Z FEB 89
1. W91234/A12303
2. AA15JAN891234
3. ABCDA123
4. AT DP22343018, ALLA DP010334V
5. CHANGE
6. A. 011500Z APR 89
B. 271300Z MAR 89
7. REMARKS
8. POC INFORMATION
9. TSP12345C-03
BT

MULTIPLE IN-EFFECT REPORT

BT
UNCLAS
SUBJ: MULTIPLE IN-EFFECT REPORT
A. DISA TMSO TSR-TSO-CRP-TRF QT 011500Z FEB 89
THIS MSG IN 3 PARTS
PART 1
1. D90012/B123-01
2. DN15JAN890010
3. ADNDB123
4. NA
5. START
6. A. 101500Z APR 89
B. NA
7. REMARKS
8. POC INFORMATION
9. TSP12345C-03
PART 2
1. (same as part 1 format)
etc.
PART 3
1. (same as part 1 format)
etc.
BT

PAT In-Effect Report (OCONUS Location)

FM 1956CG YOKOTA AB JA//SCLPI//
TO DISA PAC WHEELER AFB HI//DPSM//
AFTCO PAC HICKAM AFB HI
INFO DISA WASHINGTON DC//DOVO//
DECCO SCOTT AFB IL//RRB//
INFO ALL ADDRESSEES IN THE SRM
BT

UNCLAS

SUBJ: PAT IN-EFFECT REPORT

A: REF SRM MESSAGE

1. N/A

2. BJ12JUL910119

3. N/A

4. PAT CSA NUMBER (if known)

5. START

6.A. 230001Z OCT 91

B. N/A

7. N/A

8. SWITCH SUPERVISOR, 1956CG/SCLPI, DSN 225-8222

9. N/A

BT

PAT In-Effect Report (CONUS Location)

FM 375TH CG SCOTT AFB IL//SCLP//
TO DISA WASHINGTON DC//DOVW//
DECCO SCOTT AFB IL//RRB/DYSON//
INFO AFTCO SCOTT AFB IL//DRC//
DISA WASHINGTON DC//DRGC//
INFO ALL ADDRESSEES IN THE TSR
BT

UNCLAS

SUBJ: PAT IN-EFFECT REPORT

A: REF TSR MESSAGE

1. N/A

2. DV31OCT92927727

3. N/A

4. PAT CSA NUMBER (if known)

5. START

6.A. 310001Z DEC 92

B. N/A

7. N/A

8. SWITCH SUPERVISOR, 375TH CG/SCLP, DSN 576-2636

9. N/A

BT

EXAMPLES OF EXCEPTION REPORTS

SINGLE EXCEPTION REPORT

FM ROBERTS AFB CA
TO DISA TMSO TSR-TSO-CRP TRAFFIC SCOTT AFB IL
INFO ALL ADDRESSEES ON TSO
BT
UNCLAS
SUBJ: EXCEPTION REPORT
A. DISA TMSO TSR-TSO-CRP-TRF QT 011500Z FEB 86
1. W65678/F555-02
2. WA10JAN860123
3. UKKEF555
4. NA
5. CHANGE
6. A. 101600Z APR 86
 B. NA
7. B.
8. REGEN CURRENTLY BEING PROCURED. EXPECT INSTALLATION
 APPROX 30 APR 86.
9. POC INFORMATION
BT

MULTIPLE EXCEPTION REPORT

BT
UNCLAS
SUBJ: MULTIPLE EXCEPTION REPORT
A. DISA TMSO TSR-TSO-CRP TRF QT 011500Z FEB 86
THIS MSG IN 2 PARTS
PART 1
1. (same as example above)
etc.
PART 2
1. (same as example above)
etc.
BT

EXAMPLES OF DELAYED SERVICE REPORTS

SINGLE DELAYED SERVICE REPORT

FM NAVCOMMSTA HONOLULU HI
TO DISA PAC TSR-TSO-CRP TRAFFIC WHEELER AFB HI
INFO ALL ADDRESSEES ON TSO
BT
UNCLAS
SUBJ: DELAYED SERVICE REPORT
A. DISA PAC TSR-TSO-CRP TRF DPIE 011500Z FEB 86
1. P61115/K123-01
2. NA15DEC850123
3. BUAAK123
4. NA
5. START
6. A. 012200Z APR 86
B. NA
7. A
8. UNKN
9. EXPEDITED ACTION IS BEING TAKEN TO INSTALL USER
TERMINAL EQUIPMENT. DATE OF INSTALLATION NOT YET
FIRM BUT ANTICIPATED APPROX 10 APR 86.
10. POC INFORMATION
BT

MULTIPLE DELAYED SERVICE REPORT

BT
UNCLAS
SUBJ: MULTIPLE DELAYED SERVICE REPORT
A. DISA PAC TSR-TSO-CRP TRF DPIE 011500Z FEB 86
THIS MSG IN 2 PARTS
PART 1
1. (same as example above)
etc.
PART 2
1. (same as example above)
etc.
BT

DISAC 310-130-1
Supplement 4

1

EXAMPLE OF A DSN/AUTOVON START ELECTRONIC MESSAGE

R 100312Z SEP 90
FM: AFTCO-PAC
TO: DISA PAC TSR-TSO-CRP TRAFFIC WHEELER AFB HI
CINCPAC
MGR NCS-TSP WASHINGTON DC
INFO (as appropriate)
BT
UNCLAS
SUBJ: TELECOMMUNICATIONS SERVICE REQUEST
101. BJ10SEP910348
103. START
104. DSN
106A. 300800Z JUN 92
106B. 150001Z JUN 92
108. AT
109. 1A
110. FULL DUPLEX
111. 3KH VOICE
112. FULL PERIOD
115. DTMF
117. YSAB
118. NO
119D. NO
120A. BUCKNER
121A. JA
122A. 7
123A. TCC
124A. BLDG 955
125A. RMS 103 AND 104
126A. TA-413
129A. 4W/4W (E&M)
130A. PRIMARY POC: CAPT MIKE, DO, DSN: 315-555-1234; ALTERNATE POC:
MAJOR SMITH, DOP, DSN: 315-555-5678
131A. UNIT MAILING ADDRESS
132A1. BUCKNER TCC
133A1. L/L
134A1. 600-1
135A1. 15,300 FT 22 NL
136A1. AF
137A1. 4.0 DB

132A2. BUCKNER MDF
133A2. L/L
134A2. 02
135A2. 2900 FT 22 NL
136A2. AF
137A2. 0.5 DB
132A3. BUCKNER AVC
120B. BUCKNER
121B. JA
122B. 7
123B. SCA
124B. 12350
126B. DSN SWITCH
129B. 4W
130B. PRIMARY POC: SGT HAYES, DSN: 315-555-6789; ALTERNATE POC:
SGT JONES, XPP, DSN: 315-555-0087
131B. UNIT MAILING ADDRESS
201. 01098
202. TRANSPORT CONTROL CENTER
203. L
204. COMMANDER
205. 1140TH SIGBN
206. ZUKERAN JA
207. APO AP 96331
208. 2P
209. VY
212. 02
213. 3
214. 3
219. D
220. NO
221. 0
225. YES
401. ESTABLISH DSN ACCESS LINE.
402. MSGT PRICE HICKAM 999-9999
409. BUCKNER JA/TCC/A315-892-1234
431. D
503. PREVIOUSLY APPROVED BY CINCPAC IN MSG 082315Z AUG 90
521. A
525. A1;B1;C1;D2;E1;F1;G1
526A. B
526B. 4
526C. 2
529. TSP RP OF 2 REQUIRED TO SUPPORT THIS CIRCUIT FOR PACAF COMMAND AND
CONTROL IN MOVEMENT OF AIRLIFT AIRCRAFT.
531. 5700
BT

EXAMPLE OF A PAT TSR. (Submitted to Start Ten (10) Immediate PAC/CONUS PAT settings within PAT Table 01 for the DSN Switch Located at Yokota AFB, JA.)

R 191831Z AUG 91
FM AFTCO PAC HICKAM AFB HI
TO DISA PAC WHEELER AFB HI//DPSM//
DECCO SCOTT AFB IL//RRB//
INFO DISA WASHINGTON DC//DOVO//
APPROPRIATE INFO ADDEES
BT
UNCLAS
SUBJ: TSR
101. BJ12JUL910119
103. START
106A. 230001Z OCT 91
116. NEW
117. JPXASD
120A. YOKOTA
121A. JA
122A. 7
123A. SCM
130A. SUPVR 1956CG/SCLPI, DSN 225-8222
131A. 1956CG/SCLPI APO SAN FRANCISCO CA 96274-6345
208. 2N
212. 02
213. 2
232. 01
238. 070/0
240. 010
241. 010
401. TO ESTABLISH TEN (10) IMMEDIATE PAC/CONUS PAT SETTINGS
FOR YOKOTA AB DSN SWITCH
402. MR KEN ROBB, AFTCO PAC, 449-9302
409. SWITCH SUPERVISOR 1956CS
BT

EXAMPLE OF A SINGLE DISCONTINUE TSR ELECTRONIC MESSAGE

R 101147Z AUG 85
FM DIRUSARCCO RFS-TSR TRAFFIC FT HUACHUCA AZ //ASQA-DN//
TO CDRUSAISC-PTC WASHINGTON DC//ASNKP-FAC-TCB//
DISA TSR-TSO-CRP TRAFFIC WASHINGTON DC
MGR NCS-TSP WASHINGTON DC
INFO CDRCCSA WASHINGTON DC//MOCS-B//
CDRUSAISC-PTC WASHINGTON DC//ASNKP-PO//
DIRCE SITE R FT RITCHIE MD//ASNJ-DCE-M/ASNJ-DCE-O//
CDR7THSIGCOMD FT RITCHIE MD//ASN-PO-TL//
BT
UNCLAS
SUBJ: TELECOMMUNICATIONS SERVICE REQUEST
A. DISAC 310-130-1 (U)
B. USAISC-PTC ASNKP-PO 101900Z AUG 85 (U) NOTAL
C. 1985 R&R STATEMENT, RCS CC-54, 5 AUG 85 (U) NOTAL
101. WA12AUG878888
102. TSP12345C-02
103. DISCONTINUE
105. DEDICATED
106A. 311800Z AUG 87
106B. 311800Z AUG 87
107. DUADPPPP
112. FULL PERIOD
116. AT D 08514
117. BBDADC
120A. PENTAGON
121A. 51
122A. B
123A. ZAZ
130A. MR. JOHN DOE VON 225-3333 COML 202-695-3333
120B. FTRITCHI
121B. 24
122B. B
123B. XXX
130B. MS. JANE DOAKES DSN 988-2222, COML 717-878-2222
401. DISCONTINUE CIRCUIT AND ASSOC CSA'S IN THEIR ENTIRETIES.
402. MR GEORGE AFTON DSN 879-2211, COML 602-538-2211
417. CUSTOMER DESIRES EARLIEST POSSIBLE SERVICE DATE.
514. CONAUG87P156
521. D
BT

EXAMPLE OF A MULTIPLE TSR ELECTRONIC MESSAGE

BT
UNCLAS
SUBJ: MULTIPLE TSR
A. 1961 COMM GP 140318Z JAN 84
B. CINCPAC 162120Z JAN 84
THIS MESSAGE IN 4 PARTS
PART 1
101. BH10FEB840048
103. START
 etc.
201. 56197
202. ALCC NAPLES
 etc.
401. ACTIVATE DSN ACCESS LINE BETWEEN 24TH ALCC AND YOKOTA AB
 DSN SWITCH
402. MSGT PRICE HICKAM 999-9090
PART 2
101. BH10FEB840049
 etc.
PART 3
101. BH10FEB840050
 etc.
PART 4
101. BH10FEB840051
 etc.
BT

/CIC/DJBT/

FM: _____

TO: _____

INFO: _____

Classification

Reference: A. _____
B. _____
C. _____

Part _____. (Use numeric; e.g., 1, 2, 10, etc.) (Delete if message contains a single TSR.)

101. //

Example: AA02JAN900001A

102. T/S/P/ / / / / / / / - / /NCS Assigned TSP
Authorization Code.103. Start, Change, Discontinue,
Rehome, Amend TSR, Cancel TSR,
Developmental, Temporary, Reaward

Type action. Circle one.

104. Circuit Only/Single Vendor,
Equipment Only/Single Vendor,
Circuit and Equipment/Single Vendor,
System/Single Vendor,
Circuit and Equipment/Separate Vendors,
Maintenance of Purchased EquipmentType of Leased Service.
Circle one.105. AUTOVON, AUTOSEVOCOM, Red Switch
Network (RSN), DSN, DCTN, DISN,
AUTODIN, DDN, PDN, PSN, FTS2000,
Dedicated, In-Direct AUTODIN
(AMPE Tributary), In-Direct DDNNetwork Requirements.
Circle one.106A. / / / / / / / / / / / / /
D D T T T T Z M M M Y YRequested Operational
Service Date. Show day,
time, month, and year.106B. / / / / / / / / / / / / /
D D T T T T Z M M M Y YRequested Commercial/GFE
Service Date. Show day,
time, month, and year.107. / / / / / / / /CCSD or Trunk ID. Show
all 8 characters of CCSD,
or all 6 characters of
trunk ID. On Start/Temp
TSR's, the first four
characters of the CCSD
may be identified.108. / /

Purpose and Use Code.

109. / / /DCS Tech Schedule Item No.
Insert item No. from
table 2.

110. Full Duplex, Half Duplex,
Multipt S/R, Multipt R/O,
Half Duplex R/O, Full Duplex
(N), Half Duplex (N), Multipt
S/R (N)

Type of Operation.
Circle one.

111.

Modulation Rate. Enter
desired rate. For
convenience, rates are
listed in reference 4b
(chapter 9). The rate
must be entered exactly as
shown, including the
decimal. Unit designators
and abbreviations used in
the rate list are:

BD	=	BAUD	HZ	=	HERTZ
BS	=	BITS	KH	=	KILOHERTZ
KD	=	KILOBAUD	GH	=	GEGAHERTZ
KB	=	KILOBIT	MH	=	MEGAHERTZ
MD	=	MEGABAUD	SCN	=	FACSIMILE SCAN
MB	=	MEGABIT	CHNL	=	CHANNEL(S)

112. Full Period, Time Shared,
6 hrs/less, 6/12 hrs, 12/18
hrs, On-call, Prg Pre-empt,
2nd Pre-empt, 3rd Pre-empt,
Prog Rerte, Rsvd Commcl, Second
Path, DSCS/Sched, Freq Shared,
SW NTWK RSL, Cotgncy RQR, SPDPATH,
TEMP-EXEC, 2nd On-call, Hot Standby.

Service Availability.
Circle one.

113.

Callup Authority.

114.
D D T T T T Z M M M Y Y

Deactivation Date If
Temporary Service

115. 1 Way Dial Auto Sup PBX
2 Way Dial DTMF
1 Way Voice Sel Sig SS1
2 Way Voice Sel Sig SS4
1 Way RDN No Signaling
2 Way RDN 1 WDTMF/1WA
1 Way MF 1 WV/1 WRDN

Signaling Mode.
Circle one. If for
trunk package system,
enter total bandwidth
or bit rate in HZ,
KH, MH, GH, BS, KB,
or MB.

2 Way MF	2 Way AUTO
OH Tone Off	1 WRDN/1WA
OH Tone On	1 WV/1 WD
1 WD/1 WRDN	DPDT
1 WD/1 WA	DFSU
CCS	1 WD/1 WDPDT
1 Way AUTO	1 WDP/1 WDTMF
1 WDP	

116. _____

Comm Service Authorization
(if existing leased ckt).
Enter NEW LEASE if a new
lease is required.

117. /

PDC. (If appropriate,
include DTN Spare channel
PDC. Separate with a slash.)

118. Yes, No
\$ Amount
"Unlimited"

Overtime or Expediting
charges acceptable to meet
service date. Circle option.
Include maximum allowable
dollar amount if applicable
or "unlimited" if an
emergency NS/EP TSP
requirement is being
submitted.

119A.

Diverse from Ckt number (last
four characters of CCSD).

119B.

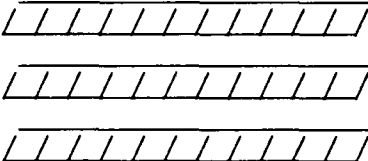
Diverse from CSA number or
commercial circuit number.

119C.

Locations to be
avoided; GEOLOCO
and State/Country
code(s).

119D. YES, NO/_____

Transmission media to be avoided. Specify YES/ or NO. If YES is shown, enter up to three different media that the requested ckt must avoid. Use the three character codes listed in ref 4b, chap 58 for the 1st and/or 2nd entry. Following the 1st and/or 2nd coded entry, an eight character plain language media description can be entered. Separate each media by a comma. One plain language entry may be identified by itself if no coded entries are shown.

119E. 

Enter up to three DCS networks to be avoided, using appropriate acronym(s). Separate each entry by a slash ("/").

120_. 

Terminal/End User Location. Enter eight-character GEOLOCO.

121_. 

State/Country Code.

122_. 

Area Code.

123_. 

Facility Code.

124_. _____

Address/Directions to Site.

125_. _____

Rm. No. or Floor No.

126_. _____

Terminal Equipment (59-character limit per line).

127_. _____

Crypto equipment. If none, enter "unsecure."

Interface. Do not enter subparagraph identifiers, only location letters, following the item number. (59 character limit per line.)

Termination. Circle appropriate transmission path/signaling interface terminations. (4W (E&M) and 4W (In-Band) options are for AUTOVON/DSN requirements only). (DDN direct connections will use "4W").

Name, telephone number, and office code of a primary and alternate user/technical contact.

Mail Address of User Contact.

Interconnect location.
GEOLOCO, and
Facility Code.

Type Media.

Local Designator.

Facility Description.

Operating Agency.

Loss in dBm.

Enter other nation's circuit
number.

NPA/NXX of Actual Service Location.

Unit Identification.

141-150. Future.

Enter the MSO URDB Control
Number or "NONE."

AUTOSEVOCOM Subscriber Joint
Staff Identification.

Subscriber Listing.

Directory Class. Circle one.

Title.

Unit Designation.

Location.

State/Country. ZIP
Code/APO-FPO.

Subscriber Rate Code. Enter from table 7.

Service Mode. Circle one.

Future.

Future.

MCAI. Enter from table 6.

MCAP. Select one.

Number of Extensions.

214. _____

215.

Split Home CCSD or Dual
Access CCSD.
AUTOVON Switch.
216.
In Rotary With.
217. _____
Traffic Volume.
218. _____
Future.
219. A, B, C, D, E
Line-Load Control. Circle
one.
220. Yes, No _____
Abbreviated Dialing. Circle
one.
221. 0, 1, 2, 3
Community of Interest,
table 4. Circle one.
222. 0, 1, 2, 3, 4, 5
Precedence in Community of
Interest, table 5. Circle
one.
223. 1, 2, 3, 4, 5, 6, 7
Outpulsed Digits. Circle
one.
224. B, C, P, X
Conference Service. Circle
one.
225. Yes, No
Incoming Preemption. Circle
one.
226. Yes, No
In Hunt. Circle one.
227. _____
Future.
228. _____
AUTOSEVOCOM Equipment
Maintenance Agency.
229. _____
AUTOSEVOCOM Drop Number.
230. _____
COMSEC Account Number.
231. _____
Type Switch (AUTOSEVOCOM
only).

232. 

233. _____

234. GFE Leased

235. _____

236. _____

237. _____

238. _____

239A. _____

239B. _____


239C. _____

240. _____

241. 

242-300 Unassigned.

301. _____

302.  GENSER RI
Required, DSSCS
RI Required,
DSSCS/GENSER
RI Required

303. Mode I, Mode II, Mode V
MSU, Hybrid

PAT Table.

Type PBX/PABX and attendant
switchboard, manufacturer's
name, and model.

Government-owned or leased
PABX. Circle one.

Operator Assist Number.

Access Code.

Thousands Level.

Number of Stations/Telephones
and PBX Access Circuits.

Total Engineered Erlangs (DSN
only).

With Internodal Allocation
Erlang Subscription (DCTN
only).

Without Internodal Allocation
Erlang Subscription (DCTN
only).

PABX Size.

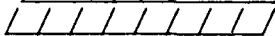
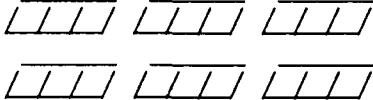

Switched Services Capacity.

Subscriber Identification/
ID Number.

Routing Indicator.
Circle appropriate entry.

Channel Code. Circle one.
MSU, Hybrid. Circle one.

304. Block by block, Continuous Operating Mode. Circle one.
305. DSSCS/MM, DSSCS/GENSER MM/TS, Security Level. Circle one.
TS, Secret, Conf,
TS SPECAT SIOP-ESI, Res, EFTO,
TS SPECAT LESS SIOP-ESI, Unclass
306. ☐ ☐ Subscriber Rate Code. Enter
from table 8.
307. _____ Future.
308. _____ Future.
309. _____ Future.
310. ☐ ☐ Enter equipment code from
table 10 or 11.
311. Open - Mon, Tue, Wed, Thur, Circle appropriate period.
Fri, Sat, Sun, Hol, _____ Use local times at the
to _____ or continuous. terminal.
312. _____ AUTODIN MERL Numbers.
313. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ RI for Narrative Altroute.
314. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ RI for Data Altroute.
315. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ RI for Mag Tape Altroute.
316. ☐ Cat I, ☐ Cat II, Narrative Altroute Time.
☐ Cat III, ☐ Cat IV Enter a code in each block.
317. ☐ Cat I, ☐ Cat II, Data Altroute Time.
☐ Cat III, ☐ Cat IV Enter a code in each block.
318. ☐ Cat I, ☐ Cat II, Mag Tape Altroute Time.
☐ Cat III, ☐ Cat IV Enter a code in each block.

319. DSSCS/MM, TS, Secret, Conf,
SCSIESI, Res, EFTO
SCLSIESI, Unclas Highest level for narrative
to be altrouted. Circle one.
320. TS, Secret, Conf, SCSIESI
SCLSIESI, Res, EFTO,
Unclas Highest Level for data
that can be altrouted.
Circle one.
321. TS, Secret, Conf, SCSIESI
SCLSIESI, Res, EFTO,
Unclas Highest level for mag tape
that can be altrouted.
Circle one.
322.  CCSD of Present DIN Circuit.
323. One Set, Two Sets Type Terminal. Circle one.
- 324 - 327. _____ Future.
328. 1, 50, 500 Number of Routing Indicators
terminal is capable of
receiving. Circle one.
329. _____ Future.
330.  List any collective Routing
Indicator (RI) which this
subscriber should receive.
331. ASCII, FIELDATA, ITA-2 Circle appropriate Line Code.
332. JANAP 128, ACP 127,
ACP 127 (MOD), JANAP 128 MOD Circle appropriate msg
format(s).
333. 69, 80, 120, 132, or greater Circle appropriate platen
size.
334. Stepped, Free-running Circle appropriate operation
as relates to equipment 08.
335. Q/R Terminal, Regular
Q/R Host, Special Q/R
Host. Type Query/Response
Service. Circle one.
336. Yes, No Dual Homed Host. Circle one.
337.  Routing Indicator for Q/R
Altroute.

338. ☐ Cat I, ☐ Cat II,
☐ Cat III, ☐ Cat IV
Q/R Host Altroute Time.
Enter code in each block.
339. DSSCS/MM, TS, Secret, Conf,
SCSIESI, Res, EFTO,
SCLSIESI, Unclass
Highest Level for Q/R
traffic that can be
altrouted. Circle one.
340. Flash, Immediate, Priority,
Routine
Precedence (General
Service Community).
Circle one.
341. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Normal Destination RI
(General Service Community).
342. TS, Secret, Conf, Res, EFTO,
Unclass, DSSCS/MM, SPECAT
SIOP-ESI, SPECAT LESS SIOP-
ESI.
Security, normal query
header (General
Service Community).
Circle one.
343. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Content Indicator Code
(General Service Community).
344. _____
Future.
345. ☐
☐
☐
RI Exceptions (General
Service). Enter up to five.
346. 1, 2, 3, 4, 5
RI Exceptions (DSSCS
Community). Enter number of
exception RI's only.
347. Yes, No
Sequential Delivery of
Multi-segment Messages.
Circle one.
348. _____
Unit to provide crypto-
material (MATSYM support).

- ## Purpose of TSR--General Description

402. _____

TSR Contact Information.

403. _____

Future.

404. _____

_____Unique Installation
Factors. (59 character limit
per line.)405.

Warner Exemption.

406. _____

_____Justification for Other Than
Full and Open Competition407. _____

_____Equipment to be Acquired by
DECCO. (59-character limit
per line).408. _____
_____Satellite Routing and
Operations Objections.409.
GEOLOCO / SC/ ENR/ PHONE NUMBER
OR
ACTIVITY NAME (27 Character
Maximum)CCO/CMO to accept service.
Enter GEOLOCO/SC/ENR or name
of activity (not to exceed 15
characters), and current DSN/
AUTOVON (A) or Commercial (C)
phone number (not to exceed
27 characters). Separate
"GEOLOCO", "SC", "ENR", or
activity name and the phone
number with a slash (data in
this item is restricted to 43
alpha-numeric characters,
including spaces, slashes,
and dashes).

410. _____

Demarcation Point.

411. _____

Security Requirements.

412. _____

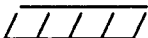
_____Activity to Receive
Special Periodic Progress
Report from Contractor.

413. _____

Overseas Shipping
Instructions.

414. _____

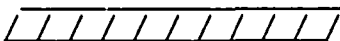
Connection Approval.

415A. 

DISA Control Number

415B. _____

Unclassified Exercise,
Special Project Name.

416. 

Cost Threshold (maximum of
\$9,999,999).

417. _____

Remarks.

418. _____

DD Form 1368.

419. _____

Future.

420. _____

Toll Calls, PDN, TWX, or
Metered Services
Validating Authority.

421. _____

U.S. Gateways.

422. 

Transmission Media Code.

423. _____

24-HR On-Call European
Telecommunications
Maintenance Service. If
desired, include applicable
statement and identify
call-out authority.

424. _____

ALLA Number and RP.

425. _____

Simultaneous TSR Action.

426. _____

Bit Error Rate.

427. Lease,
Lease with option to purchase,
Lease to ownership,
Outright purchase with
 installation,
Outright purchase without
 installation,
Purchase existing equipment
428. Yes, No
429. _____
430. _____ Months
431. D N
432. D N V
- 433_. _____
- 434_. _____
435. _____
436. _____
- 437_. CPIWI-YES, CPIWI-NO/CPIWM-YES,
CPIWM-NO, CPIWM-CANCEL
- 438_. _____
NONE, BOTH
439. _____
- Equipment Lease or Purchase
Option. Circle one.
- Basic Termination Liability
(BTL) Circle one.
- Circuit Specifications.
- Estimated Service Life.
- General Class of Service.
Circle D for DCS; circle N
for non-DCS.
- Cost Indicator. Circle
appropriate code.
- Leased Equipment to be
removed.
- Leased Equipment to be
relocated.
- Future.
- WATS Service.
- Customer Premise Inside Wire
Installation (CPIWI) and
Maintenance (CPIWM) Option.
Circle one choice for
installation and one for
maintenance. Separate
entries with a "/".
- Enter Leased Equipment CSA
Number or circle appropriate
entry.
- If the service is split
billed, list all billing CSA
numbers associated with the
service.

440_. Will Leak, Will Not Leak

Access to Domestic Public
Switched Networks. Circle
one.

441. Cost; Operational

Lease Versus Buy Analysis.
Circle the appropriate
rationale supporting the
decision to lease or purchase
the requested service.

442. Yes, No/

Maintenance of Purchased
Equipment. Specify Yes or No
to indicate maintenance
support is/is not required
for purchased equipment. If
Yes, identify the type of
maintenance desired.

443. _____

Provide a list of all persons
or classes of persons who
have been authorized to have
access to proprietary or
source selection information
regarding the procurement.
Required on each Start/
Reaward/Change TSR where
the procurement contract
value will exceed \$100,000.

444. Interstate Use, 100 percent
Interstate Use, nn percent

Jurisdictional
Classification.
Submit one entry for STARTS,
and for CHANGES which alter
existing jurisdiction/
percentage. If the 2nd choice
is chosen, insert numeric
pairs 00 thru 99 as
appropriate.

445-500 Unassigned.

501. _____

Provide justification of
service requested.

502. _____

If service has been directed
by higher authority, identify
reference.

503. _____

If service requires OASD,
NWS, NOAA, Joint Staff, FAA,
or CINC approval, cite

- _____
- _____
504. _____
- _____
- _____
505. _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
506. _____
- _____
- _____
507. _____
- _____
- _____
508. _____
- _____
- _____
- _____
509. _____
510. _____
- _____
- _____
- _____
- _____
511. _____
512. _____
- _____
513. _____
514. _____
- document which provides their approval
- If AUTOS EVOCOM, provide justification for maximum calling area.
- If DSN/AUTOVON or AUTOSEVOCOM service is requested and other than routine precedence is intended, provide justification. If DDN service is requested, and flash or flash override precedence is intended, provide appropriate justification and cite Joint Staff authorization documentation.
- If AUTOVON abbreviated dialing is required, provide justification.
- If AUTOVON conference service is required, provide justification.
- If offhook service or preemption capability is required, provide justification.
- Unassigned.
- Reference message or telecall, etc., that provided approval when citing PDC of another department or agency TCO.
- Unassigned.
- DCS/non-DCS Approval (DoD Agencies only).
- AMPE Approval.
- Requesting Activity's Requirement Number.

515_. / / / / / / / / / / / / / /

FCC Registration Number.

516_.

Ringer Equivalency Number.

517_.

Service Code.

518_.

Facility Interface Code and
Port Class Identifier.

519-520. _____

Unassigned.

521. A, B, C, D, F

Action Requested. Specify appropriate choice.

522-524. _____

Unassigned.

525. $\overline{U}; \overline{U}; \overline{U}; \overline{U}; \overline{U}; \overline{U};$

Service Profile. Specify up to 12 profile element/detail identifiers (e.g., A3;B1). If none, enter the letters "N A" in the first double block. Separate each identifier with a semi-colon (except the last one). Do not insert a space between the identifiers.

$$\overline{W}; \overline{W}; \overline{W}; \overline{W}; \overline{W}; \overline{W}$$

526A. A, B, C, D, E

TSP Restoration Priority Subcategory. Specify one letter which corresponds to the applicable subcategory under which service qualifies for priority treatment. (NOTE: "E" is not a TSP subcategory. See note for item 526C in chapter 3.)

526B. 1, 2, 3, 4, 5,
 6, 7, 8, 9, 0

TSP Restoration Priority Criteria. Specify one number corresponding to the criteria under which this service qualifies within the subcategory identified in TSR item 526A.

526C. 1, 2, 3, 4, 5

TSP Restoration Priority Requested.

- 527A. A, B, C, D, E
Provisioning Priority Subcategory. Specify one letter corresponding to the Essential subcategory under which this service qualifies for priority treatment. Specify "E" only if requesting an Emergency provisioning priority.
- 527B. 1, 2, 3, 4, 5,
6, 7, 8, 9, 0
Provisioning Priority Criteria. Enter one number corresponding to the criteria under which this service qualifies within the subcategory identified in TSR item 527A.
- 527C. E, 1, 2, 3, 4, 5
Provisioning Priority Requested.
- 527D. _____
Invocation Official's Name.
(Max length - 30 characters.)
- 527E. _____
Invocation Official's Title.
(Max length - 30 characters.)
- 527F. _____
Invocation Official's Telephone Number (Area Code/Number/Extension). (Max length - 18 characters.)
- 527G. Y, N
Invocation Official Authorization.
- 527H. _____
Unassigned.
- 527I. _____
Prime Vendor POC (Company - 40 characters, Name - 30 characters, Telephone Number - 18 characters) (Max total length - 88 characters.)
Separate each item of information by a semicolon.
- 527J. Y, N
Order In Progress.

528A. _____

Service User 24 Hour POC
Title or Name. (Max length -
30 characters.)

528B. _____

Service User 24 Hour POC
Daytime Telephone Number
(Area Code/Number/Extension).
(Max length - 18 characters.)

528C. _____


Service User 24 Hour POC
Off-Hours Telephone Number
(Area Code/Number/Extension).
(Max length - 18 characters.)

529. _____

Supplemental Information.
(Max length - 360
characters.)

530. _____

Unassigned.

531. 

TSP ID.

TSR ITEM SUBMISSION MATRIX
(Item required = R; item optional = O; not required = BLANK)

TSR No.	STARTS/REMARKS										CHANGES										DISCONTINUE										COMMENTS
	TEMPORARY DEVELOPMENTAL										AMEND REHOME										CANCEL										
	DCS					DSN					NON-DCS					DCS					NON-DCS					DCS					
	DED	SEVOCOM	DIN	DDN	DDN	DED	SEVOCOM	DIN	DDN	DDN	DED	SEVOCOM	DIN	DDN	DDN	DED	SEVOCOM	DIN	DDN	DDN	DED	SEVOCOM	DIN	DDN	DDN	DED	SEVOCOM	DIN	DDN	DDN	
101	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	TSR numbers are required on all TSR's.
102	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*If the NCS has TSP Auth Code assigned a TSP Authorization Code for this service, cite the code in this item.
103	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
104	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required for leased service.
105	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required if "Circuit Only" or "Circuit and Equipment" is indicated in TSR item 104.
106A	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
106B	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required for all DDN Service TSR's and all other requirements using leased circuits/equipment and/or for Government Furnished Equipment (GFE).
107	R*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*Applicable to FAA and Coast Guard circuits only. The first four positions of the CCSD may be shown on START/TEMP TSR's.
108	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*When no CCSD, purpose and use code is always required, for circuits only. (N/A for FAA requirements.)

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = 0; not required = BLANK)

	STARTS/REWARDS										CHANGES										DISCONTINUE										COMMENTS	
	TEMPORARY DEVELOPMENTAL										AMEND REHOME										CANCEL											
	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN								
109 DCS Tech Schedule	R*	R	R	R	R	R	R*	0	0	0	0	0																			*Applicable to circuits only.	
110 Type Operation	R*	R	R	R	R	R	0*	R	R	R	0																				*Applicable to circuits only.	
111 Mod Rate	R*	R	R	R	R	R	0*	0	0	0	0																				*Applicable to circuits only.	
112 Svc Avail	R*	R	R	R	R	R	0*	R	R	R	R																				*Applicable to circuits only.	
113 Callup Auth	R*	R*	R*	R*	R*	R*																									*Required for engineered military and on-call circuits only.	
114 Temp SVC DISC Date	R	R	R	R	R	R																									*Entry must be: "No Signaling."	
115 Sig Mode	0	R	R	R	R*	R*	0	0	0	0																					Enter when available for amendment/cancellations. Required for all changes, rehomes, and discontinues of leased service.	
116 CSA No.							R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
117 PDC	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*		*Not required if leased, purchased, or DBOF services are not authorized.
118 Overtime/Expediting Charges	R	R	R	R	R	R	R	R	R	R	R																					Required on all TSR's with insufficient leadtime.
119 Special Routing	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*																					*Circuit TSR's only. Item 1190 entry required on all circuit START/TEMP TSR's.

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(Item required = R; item optional = 0; not required = BLANK)

	STARTS/REWARDS						CHANGES						DISCONTINUE					
	TEMPORARY DEVELOPMENTAL						AMEND RENOME						CANCEL					
	DCS			DSN			NON-DCS			DCS			NON-DCS			DSN		
	DDN	DIN	SEVOCOM	DDN	DIN	SEVOCOM	DDN	DIN	SEVOCOM	DDN	DIN	SEVOCOM	DDN	DIN	SEVOCOM	DDN	DIN	SEVOCOM
120_ End User Location	R	R	R	R	R	R	R	R	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
121_ State/Country Code	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
122_ Area Code	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
123_ Facility Code	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
124_ Address/Directions to Site	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
125_ Room Info	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
126_ Terminal Equip	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
127_ Cryptoequip	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
128_ Interface	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
129_ Termination	R*	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
130_ Contact	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
131_ Mail Address	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
132_ Facility Location	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
133_ Type media	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
134_ Local Designation	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
135_ Fac Description	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
136_ Opting Agency	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
137_ Loss in dBm	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
138_ Other Nations Ckt No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*Required to aid in leasing actions.

N/A for maintenance contracts.

*Required for circuits only.

N/A for FAA.

*TSR items 132 through 137 are required only on ISR's requesting circuits in the European or Pacific areas.

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = 0; not required = BLANK)

	STARTS/REWARDS						CHANGES						DISCONTINUE						COMMENTS
	TEMPORARY DEVELOPMENTAL						AMEND REHOME						CANCEL						
	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN	
139_ NPA/NXX	R*	R*	R*	R*	R*	R*	0**	0**	0**	0**	0**	0**	0**	0**	0**	0**	0**	0**	*Required only for U.S. circuit requirements. **Required for U.S. circuit relocations only.
140_ Unit ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
151 MSO URDB No.	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required for DSCS service.
(200 Series Items Apply to DSN/AUTOVON and AUTOSEVOCOM Access Lines Only.)																			
201 Sub ID	R*						R*												*Required for AUTOSEVOCOM. (Not required for P/U code "UR.")
202 Sub Listing	R*						R*						0						*Required if not in existing hunt group.
203 Directory Class	R*						R*						0						*Required if not in existing hunt group.
204 Title	R*						R*						0						*Required if not in existing hunt group.
205 Unit Desig	R*						R*						0						*Required if not in existing hunt group.
206 Location	R*						R*						0						*Required if not in existing hunt group.
207 State, Zip	R*						R*						0						*Required if not in existing hunt group.
208 Sub Rate Code	R						R						0						

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS				CHANGES				DISCONTINUE				COMMENTS
	TEMPORARY DEVELOPMENTAL				AMEND REHOME				CANCEL				
	NON-DCS	DCS	DIN	DDN	NON-DCS	DCS	DIN	DDN	NON-DCS	DCS	DIN	DDN	
209 Svc Mode			R										
210 Future													
211 Future													
212 MCAI			R										
213 MCAP			R										
214 No of Ext			R*										*Required if direct subscriber access.
215 Dual Access			0										
216 Rotary			0										
217 Traffic Data			R*										*Required for PBX access lines.
218 Future													
219 Line-Load Control			0										
220 Abbrev Dial			0										
221 COI			0										
222 COI Precedence			0										
223 Digits Outpulsed			0										
224 Conf. Svc			0										
225 In Preemption			0										
226 In Hunt			R										

TSR ITEM SUBMISSION MATRIX (CON)

(Item required = R; item optional = O; not required = BLANK)

	STARTS/REMARKS					CHANGES					DISCONTINUE					COMMENTS
	TEMPORARY DEVELOPMENTAL					AMEND REHOME					CANCEL					
	NON- DCS	DSN	SEVOCOM	DIN	DDN	NON- DCS	DSN	SEVOCOM	DIN	DDN	NON- DCS	DSN	SEVOCOM	DIN	DDN	
227	Future															
228	Equip Maint Agcy			R												
229	Drop No.			R*				0						0		*Required for AUTOSEVOCOM, off a SECORD.
230	COMSEC Acct No.			R*												*Required for AUTOSEVOCOM.
231	Type Switch			R*												*Required for AUTOSEVOCOM.
232	PAT Table			R*												*Required when establishing or changing DSN PAT settings.
233	PABX Mfg Name			R*												*Required if starting new N100 service or processing a change to existing N100 service.
234	Owned/Leased			R*												*Required if starting new N100 service or processing a change to existing N100 service.
235	Operator Asst No.			R*												*Required if starting new N100 service or processing a change to existing N100 service.
236	Access Code			R*												*Required if starting new N100 service or processing a change to existing N100 service.
237	Thousands Level			R*												*Required if starting new N100 service or processing a change to existing N100 service.
238	No. STA/Telephones and PBX Access Circuits			R											0	

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS				CHANGES				DISCONTINUE				COMMENTS
	TEMPORARY DEVELOPMENTAL				AMEND REHOME				CANCEL				
	NON-DCS	DCS	DDN	DIN	NON-DCS	DCS	DDN	DIN	NON-DCS	DCS	DDN	DIN	
239 DSN Usage													
240 PABX Size													
241 Switched Services Capacity													
301 Sub ID No.													
302 RI													
303 Channel Code													
304 Op Mode													
305 Security Class													
306 Sub Rate Code													
307 Future													
308 Future													
309 Future													
310 Equip Code													
311 Op Period													
312 MERL NO													
313 RI-Narrative													

*Required if starting new N100 service or processing a change to existing N100 service. Also required when establishing DSN PAT settings.

*Required for all DCTN and DSN PAT requirements.

*Required if starting new N100 service or processing a change to existing N100 service. Also required when establishing DSN PAT settings.

*Required for all DCTN and DSN PAT requirements.

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS					CHANGES					DISCONTINUE					COMMENTS
	TEMPORARY DEVELOPMENTAL					AMEND REHOME					CANCEL					
	DCS					DCS					DCS					
	NON- DCS	DED	SEVOCOM	DIN	DDN	NON- DCS	DED	SEVOCOM	DIN	DDN	NON- DCS	DED	SEVOCOM	DIN	DDN	
314	RI-Data				R					0						
315	RI-Mag Tape				R					0						
316	Narr Alt				R					0						
317	Data Alt				R					0						
318	Mag Tape Alt				R					0						
319	Security Narr				0					0						
320	Security Data				0					0						
321	Security Mag				0					0						
322	CCSD DIN CKT				0					0						
323	Type Term				0					0						
324	Future															
325	Future															
326	Future															
327	Future															
328	RI Capability				R					0						
329	Future															
330	Collective RI				R					0						
331	Line Code				R					0						
332	Msg Format				R					0						

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TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS						CHANGES						DISCONTINUE						COMMENTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	TEMPORARY DEVELOPMENTAL						AMEND REHOME						CANCEL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	DCS			DSN			NON-			DCS			DSN			NON-				DCS			DSN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	DCS	DED	SEVOCOM	DIN	DDN		DCS	DED	SEVOCOM	DIN	DDN	NON-	DCS	DED	SEVOCOM	DIN	DDN	NON-		DCS	DED	SEVOCOM	DIN	DDN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
333	Platen Size				R												R																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS				CHANGES				DISCONTINUE				COMMENTS			
	TEMPORARY DEVELOPMENTAL				AMEND. REHOME				CANCEL							
	NON-DCS		DCS		NON-DCS		DCS		NON-DCS		DCS					
	DCS	DED	SEVOCOM	DIN	DDN	DCS	DED	SEVOCOM	DIN	DDN	DCS	DED		SEVOCOM	DIN	DDN
352	URDB ID, Sequence Number, and Purpose Code.	R	R	R*	R	R	R	R	R*	R	R	R				*Required for DIN Q/R Service.
353	Sys Acronym Name					R								0		
354	Future															
355	Future															
356	Future															
357	Host IFC Eqpt					R*					0*					*Required for Host only.
358	Future															
360	Future															
361	Future															
362	Future															
363	DDN Subscriber Crypto Acct No.					R*					0*			0*		*Required only if COMSEC material is used.
364	DDN Subscriber Crypto Acct Custodian & Telephone No.					R*					0*			0*		*Required only if COMSEC material is used.
365	DDN Subscriber Crypto Acct Custodian & Mailing Address					R*					0*			0*		*Required only if COMSEC material is used.

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS				CHANGES				DISCONTINUE				COMMENTS			
	TEMPORARY DEVELOPMENTAL				AMEND REHOME				CANCEL							
	NON-DCS		DCS		NON-DCS		DCS		NON-DCS		DCS					
	DCS	DED	SEVOCOM	DIN	DDN	DCS	DED	SEVOCOM	DIN	DDN	DCS	DED		SEVOCOM	DIN	DDN
366	DDN Subscriber					R*				0*					0*	*Required only if COMSEC material is used.
367	Future															
368	Host Name					0*				0*					0*	*DDN "HOST" TSR's only.
401	Purpose	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
402	TCO Contact	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
403	Future															
404_	Unique Instal Factor	0	0	0	0	0	0	0	0	0						
405	Warner Exempt	R*	R*	R*	R*	R*	0*	0*	0*	0*	0*					*Required on all new TSR's requiring procurement action by DECCO. Also required if the original "Warner" declaration is changing as a result of a change/amend/rehome action.
406	Other Than Full and Open Competition	0*	0*				0*	0*								*May be required for certain TSR's. See chap 2, par 2L.
407	DECCO Acquired Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
408	Objection to Satellite Svc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
409	CCO/CMO to accept service	R*	R*	R*	R*	R*	R	R	R	R	R	0	0	0	0	*N/A for developments.
410_	Demarc Pt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

*Required on all new TSR's
requiring procurement action by
DECCO. Also required if the
original "Warner" declaration
is changing as a result of a
change/amend/rehome action.

*May be required for certain
TSR's. See chap 2, par 2L.

*N/A for developmentals.

(Item required = R; item optional = O; not required = BLANK)

[illegible]

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS						CHANGES						DISCONTINUE						COMMENTS
	TEMPORARY DEVELOPMENTAL						AMEND REHOME						CANCEL						
	NON-			DCS			NON-			DCS			NON-			DCS			
	DCS	DED	SEVOCOM	DIN	DDN		DCS	DED	SEVOCOM	DIN	DDN	DCS	DED	SEVOCOM	DIN	DDN			
437	Inside wire instal/maint	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required on all start and applicable change TSR's which request leased circuits within the U.S.		
438	Assoc Leased Equipment	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required on all equipment requirements submitted to DECCO.		
439	Assoc Billing CSA Numbers						R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if the service is split billed.		
440	Commercial Access	R*	R*				R*	R*	R*	R*							*Required on all start/change TSR's for Leased Inter-State Private Line Service.		
441	Leased VS Buy Analysis	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	*Required on all requests for the acquisition of equipment.		
442	Equipment Maint	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
443	Access to Proprietary or Source Selection Information	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required on each TSR where the procurement contract value will exceed \$100,000.		
444	Jurisdictional Classification	R*	R*	R*	R*	R*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	*Required for service leased within the U. S. and U. S. territories and possessions. For changes/amends/rehomes, only required if modification will result in a different percentage of interstate use.		
501	Svc Justification	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Applicable to inputs to TCO.		

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS				CHANGES				DISCONTINUE				COMMENTS					
	TEMPORARY DEVELOPMENTAL				AMEND REHOME				CANCEL									
	NON-DCS		DCS		NON-DCS		DCS		NON-DCS		DCS							
	DCS	DED	SEVOCOM	DIN	DDN	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN	NON-DCS		DCS	DED	SEVOCOM	DIN	DDN
502	Ref	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Applicable to inputs to TCO.
503	Svc Coord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Applicable to inputs to TCO.
504	MCA Justifi- cation			R					0									
505	Precedence Justification			0	R*			0		R*								*Required if flash/flash override precedence is requested.
506	Abbrev Dial Justification			0				0										Applicable to inputs to TCO.
507	Conf Svc Justification			0				0										Applicable to inputs to TCO.
508	Offhook Svc			0				0										Applicable to inputs to TCO.
509	Future																	
510	Fund TCO Approval	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
511	Future																	
512	DCS/Non-DCS Approval	R*	R*	R*	R*	R*	R*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	*Required when item no. 432 is submitted or DoD Agency requests non-DCS circuits in item 431.
513	AMPE Approval					0												
514	RFS No.	0	0	0	0	0	R	0	0	0	0	0	0	0	0	0	0	R
515	FCC REG No.	0	0	0				0	0	0								
516	FCC Ring EQ No.	0	0	0				0	0	0								

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS										CHANGES					DISCONTINUE					COMMENTS
	TEMPORARY DEVELOPMENTAL					AMEND REHOME					CANCEL										
	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN	NON-DCS	DCS	DED	SEVOCOM	DIN	DDN			
517	FCC	SVC	CODE	0	0	0	0	0	0	0	0										
518	FCC	FAC	ID & PORT CLASS	0	0	0	0	0	0	0	0										
519	Future																				
520	Future																				
NOTE: TSR items 521-531 must be completed (unless otherwise noted) when requesting a new TSP assignment or changing, revoking, or revalidating an existing TSP assignment.																					
521	Action Requested			R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R	
522	Future																				
523	Future																				
524	Future																				
525	Service Profile			R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required for TSP service only.	
526A	TSP RP Sub-Category			R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP RP.	
526B	TSP RP Criteria			R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP RP.	
526C	TSP RP			R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP RP.	
527A	Provisioning Priority Subcategory			R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.	
527B	Provisioning Priority Criteria			R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.	

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TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = 0; not required = BLANK)

	STARTS/REWARDS				CHANGES				DISCONTINUE				COMMENTS
	TEMPORARY DEVELOPMENTAL				AMEND REHOME				CANCEL				
	DCS				DCS				DCS				
	NON-DCS	DCS	DDN	DIN	NON-DCS	DCS	DDN	DIN	NON-DCS	DCS	DDN	DIN	
527C Provisioning Priority Requested	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.
527D Invocation Official's Name	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.
527E Invocation Official's Title	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.
527F Invocation Official's Telephone no.	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.
527G Invocation Official's Authorization	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.
527H Future													
527I Prime Vendor POC	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.
527J Order in Progress	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.
528A Service User 24-hour POC Title	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.
528B Service User 24-hour POC Daytime Telephone No.	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.

TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS					CHANGES					DISCONTINUE					COMMENTS
	TEMPORARY DEVELOPMENTAL					AMEND REHOME					CANCEL					
	NON-DCS	DED	SEVOCOM	DIN	DDN	NON-DCS	DED	SEVOCOM	DIN	DDN	NON-DCS	DED	SEVOCOM	DIN	DDN	
528C Service User 24-hour POC Off-hours Telephone No.	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required only if requesting a TSP provisioning priority.
529 Supplemental Info	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*See chap 3, item 529 for required uses of this item.
530 Future																
531 TSP ID	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	*Required for all TSP service.

TSR TO TSO CONVERSION BY ITEM NUMBER

<u>TSR Item</u>	<u>TSO Paragraph</u>	<u>TSR Item</u>	<u>TSO Paragraph</u>
101	2N	119B	5_*
102	2B	119C	2U01
103	2C	119D	2U02
		119E	2U03
104	5_*	120(ABC-)	2E(1) (2) (3) etc. and appropriate par. 3_
105	5_*		
106A	2D (first date)		
106B	5_*	121(ABC-)	2E(1) (2) (3) etc. and appropriate par. 3_
107	2A		
108	2A (2nd and 3rd characters)	122(ABC-)	2E(1) (2) (3) etc. and appropriate par. 3_.
109	2F **		
110	2G		
111	2I	123(ABC-)	2E(1) (2) (3) etc. and appropriate par. 3_
112	2K		
113	5_*	124(ABC-)	3_*
114	2D (second date)	125(ABC-)	3_1_
115	2L	126(ABC-)	3_1_
116	5_*	127(ABC-)	2J
117	2R or 5_	128(ABC-)	3_1_*
118	5_*(if yes)	129(ABC-)	3_1_*
119A	2T		

*See supplement 10.

**Convert to parameter code from table 2, DISAC 310-130-1, and follow with item number from TSR item 109.

TSR TO TSO CONVERSION BY ITEM NUMBER (CON.)

<u>TSR Item</u>	<u>TSO Paragraph</u>	<u>TSR Item</u>	<u>TSO Paragraph</u>
130(ABC-)	2E and 3_*	210	Not used
131(ABC-)	3_*	211	Not used
132(ABC-)	3_	212	6F
133(ABC-)	3_2B	213	6G
134(ABC-)	3_2B	214	6L
135(ABC-)	3_2B	215	6R
136(ABC-)	3_2B	216	6K
137(ABC-)	3_2B	217	6U
138(ABC-)	3_2C	218	Not used
139(ABC-)	3_*	219	6M
140(ABC-)	3_*	220	6V
151	2AA	221	6H
152-200	Not Used	222	6I
201	6A	223	6W
202	5_*	224	6N
203	5_*	225	6D
204	5_*	226	6E
205	5_*	227	Not used
206	5_*	228	5_*
207	5_*	229	6P
208	6B		
209	6C		

*See supplement 10.

TSR TO TSO CONVERSION BY ITEM NUMBER (CON.)

<u>TSR Item</u>	<u>TSO Paragraph</u>	<u>TSR Item</u>	<u>TSO Paragraph</u>
230	5_*	310	5_*
231	6Y	311	5_*
232	A/E Records	312	5_*
233	6X	313-321	6N (7N)
234	6Z	322	6K (7K)
235	6AA	323	6L (7L)
236	6AB	324	Not Used
237	6AC	325	Not Used
238	6AD	326	Not Used
239A	N/A	327	Not Used
239B	N/A	328	6R (7R)
239C	N/A	329	Not Used
240	6AE	330	5_*
241	6AF	331	6F (7F)
242-300	Not Used		
301	6A (7A)	332	6I (7I)
302	6C (7C)	333	5
303	6D (7D)	334	A/E Records
304	6E (7E)	335	6S (7S)
305	6G (7G)	336	6T (7T)
306	6B (7B)	337-339	6N (7N)
307-309	Not Used	340	6U (7U)

*See supplement 10.

TSR TO TSO CONVERSION BY ITEM NUMBER (CON.)

<u>TSR Item</u>	<u>TSO Paragraph</u>	<u>TSR Item</u>	<u>TSO Paragraph</u>
341	6V (7V)	361	Not Used
342	6W (7W)	362	Not Used
343	6X (7X)	363	6L (8L)
344	Not used	364	6M (8M)
345	6Y (7Y)	365	6N (8N)
346	6Z (7Z)	366	6O (8O)
347	6AA (7AA)	367	Not Used
348	5_*	368	6Q (8Q)
349	6H(7H)	369-400	Not Used
350	5_*	401	1A
351	5_*	402	5_*
352	6A(8A)	403	Not used
353	6B(8B)	404(ABC-)	3_1_
354	Not Used	405	5_*
355	Not Used	406	5_*
356	Not Used	407(ABC-)	3_1_*
357	6F(8F)	408	5_*
358	Not Used	409	2H/5_*
359	Not Used	410_	3_*
360	Not Used	411	5_*
		412	5_*

*See supplement 10.

TSR TO TSO CONVERSION BY ITEM NUMBER (CON.)

<u>TSR Item</u>	<u>TSO Paragraph</u>	<u>TSR Item</u>	<u>TSO Paragraph</u>
413	5_*	434(ABC-)	3_1_*
414	5_*	435	Not Used
415A	1C	436	5_*
415B	5_	437(ABC-)	3_1_
416	5_*	438(ABC-)	3_1_
417	5_*	439	5_*
418	5_*	440(ABC-)	3_1_*
419	Not Used	441	5_*
420	5_*	442	5_*
421	5_*	443	5_*
422	5_*	444	5_*
423	5_*	445-500	Not used
424	5_*	501-508	A/E Records*
425	1B*	509	Not used
426	5_*	510	5_*
427	5_*	511	Not used
428	5_*	512	5_*
429	5_*	513	6Q (7Q)
430	5_*	514	5_*
431	2Y	515	3_1_
432	2Z	516	3_1_
433(ABC-)	3_1_ *	517	3_1_

TSR TO TSO CONVERSION BY ITEM NUMBER (CON.)

<u>TSR Item</u>	<u>ISO Paragraph</u>	<u>TSR Item</u>	<u>ISO Paragraph</u>
518	3_1_		
519-520	Not used		
521-531	A/E Records		

TSO PARAGRAPH HEADINGS

<u>TSR Item</u>	<u>TSO Paragraph</u>	<u>Generated Headings Followed by Data From Item</u>
104	5_	SVC APPLIES TO:
105	5_	NETWORK SVC:
106B	5_	COMMERCIAL/GFE DATE:
113	5_	CALLUP AUTH:
116	5_	CCCI/CSA:
117	5_	DTN SP CHNL PDC:
118	5_	#51 (data)
119B	5_	AVOID CCCI/CSA:
124_	3_(line 2, CC 5-9)	BLDG/DIRECTIONS/ADDRESS:
125_	3_(line 2, CC 21-26)	RM/FL:
128_	3_1_	INTERFACE:*
129_	3_1_(following data moved from item 126)	TERM:
130_	3_(line 3, CC 5-12)	CONTACT:
131_	3_(line 4, CC 5-12)	MAIL ADDRESS:
139_	3_	NPA/NXX:
140_	3_	UNIT ID:
202-207	5_	DIRECTORY INFO:**
202	5_	SUBSCRIB LISTING:
203	5_	DIRECTORY LISTING:
204	5_	TITLE:
205	5_	UNIT/ATTN LINE:

*Header generated even if item 128 not received.

**Followed by data from each item with individual headings.

TSO PARAGRAPH HEADINGS (CON.)

<u>TSR Item</u>	<u>TSO Paragraph</u>	<u>Generated Headings Followed by Data From Item</u>
206	5_	LOCATION:
207	5_	SC/ZIP/APO/FPO:
228	5_	SVCOM MAINT AGCY:
230	5_	COMSEC ACCT NR:
310	5_	EQUIPMENT CODE:
311	5_	OPERATING PERIOD:
312	5_	AUTODIN MERL NBR:
330	5_	COLLECTIVE RI'S:
333	5_	PLATEN SIZE:
348	5_	MATSYMS SUPPORT:
350	5_	TI LINE OPTION:
351	5_	EM CAPABILITY:
402	5_	TSR CONTACT:
404_	3_1_	UNIQUE INST FACT:
405	5_	WARNER EXEMPTION:
406	5_	JUST FOR OTFAOC:
407_	3_1_	EQUIP TO ACQUIRE:
408	5_	SATELLITE OBJECTION:
409	5_	#25
410_	3_(line 5, CC 5-12)	DEMARK:
411	5_	SEC RQMT ACCESS:
412	5_	ACTY REC PRG RPT:

TSO PARAGRAPH HEADINGS (CON.)

<u>TSR Item</u>	<u>TSO Paragraph</u>	<u>Generated Headings Followed by Data From Item</u>
413	5_	O/S SHIPPING INS:
414	5_	CA:
415A	1C	DCA Control Number
415B	5_	#36 (data)
416	5_	COST THRESHOLD:
417	5_	REMARKS:
418	5_	#62 (data)
420	5_	ACTY VLD MSD CHG:
421	5_	#64 (data)
422	5_	#65 (data)
423	5_	#41 (data) (if yes and call- up authority is specified) or #42 (if yes and callup authority is not specified)
424	5_	ALLA NBR-RP:
425	1B	#11 (data)
426	5_	BIT ERROR RATE:
427	5_	EQUIPMENT OPTIONS:
428	5_	#68 (if yes)
429	5_	CKT SPECIFICATIONS:
430	5_	EST SVC LIFE:
433	3_1_	REMOVE LEASE EQP:
434	3_1_	RELOC LEASE EQP:
436	5_	WATS SERVICE:

TSO PARAGRAPH HEADINGS (CON.)

<u>TSR Item</u>	<u>TSO Paragraph</u>	<u>Generated Headings Followed by Data From Item</u>
437	3_	INSIDE WIRE INSTL/MAINT:
439	5_	BILLING CSA:
440	3_1_	COML ACCESS:
441	5_	LEASE/BUY ANALYSIS:
442	5_	EQUIP MAINT:
443	5_	ACCESS TO PROP/SOURCE SELECT INFO:
444	5_	JURISDICTIONAL CLASS:
510	5_	FUNDING TCO APL:
512	5_	NON-DCS APPROVAL:
514	5_	RFS NO:
515	3_1_	FCC REG:
516	3_1_	FCC REN:
517	3_1_	SVC CODE:
518	3_1_	FACT INF PCI:

NATIONAL SECURITY AND EMERGENCY PREPAREDNESS (NS/EP)
TELECOMMUNICATIONS SERVICE PRIORITY (TSP)
PROVISIONING PRIORITY PROCEDURES

1. General.

a. A key feature of the TSP System is that Telecommunications Certification Offices (TCO's) may obtain provisioning priority from service vendors for the installation of new (or changes to existing) TSP services when necessary and authorized. The circumstances when an emergency or essential provisioning priority is appropriate are defined in the glossary; chapter 3, paragraph 5g; and chapter 4, paragraph 3f of the basic circular. To obtain provisioning for a service on a priority basis, a TCO must:

(1) obtain authorization to invoke NS/EP treatment from their invocation official (see paragraph 3 below);

(2) request and be assigned a provisioning priority by the National Communications System (NCS) National Coordinating Center (NCC);

(3) ensure that the provisioning priority is passed to the DISA/DECCO/service vendor by means of a TSR/TSO/service order.

b. A provisioning priority authorizes the service vendor to take steps to provide the service earlier than the service vendor's normal procedures would allow. In passing a provisioning priority to a service vendor, a TCO may incur costs from that vendor for the faster-than-normal provisioning.

2. Invocation of NS/EP Treatment.

a. A provisioning priority is not routinely required for an NS/EP service. (In most cases, the TCO will request only a restoration priority.) If the TCO has been able to adequately plan for the service, the service vendor can normally meet the service date following normal business procedures. However, when the TCO requires an NS/EP service to be provisioned faster than the service vendor's normal procedures allow, the TCO's invocation official must authorize invocation of NS/EP treatment.

b. "Invoking NS/EP treatment" refers to notification from an invocation official that a TSP service is so vital that it must be expeditiously provisioned. To invoke NS/EP treatment, a TCO must obtain authorization from their invocation official and then request, and be assigned, a provisioning priority code from the NCS NCC. The NCS will disseminate the provisioning priority (i.e., TSP Authorization Code) verbally to the TCO and/or to all TSR addressees via an AUTODIN TSP Assignment Message. Upon receipt of the TSP Authorization Code, the TCO will convey it to the appropriate DISA/DECCO action agency or service vendor (if known), either verbally or via the TSR/TSO process.

c. The invocation occurs when the service vendor receives the TSP Authorization Code with the provisioning priority. The provisioning priority is in position eleven of the TSP Authorization Code (identified in TSR/TSO paragraph 102/2B). When the service vendor receives the provisioning priority, they are required to respond to the invocation promptly, making their best effort to meet the provisioning requirement.

d. If the service vendor chooses to verify the invocation authorization, or if the service vendor has questions regarding the TSP assignment, the vendor may contact the NCC or the TSP Program Office. The service vendor may also contact the invocation official to verify that the official authorized the invocation. If a discrepancy is discovered during this verification, the NCC will coordinate with the TCO to determine what action is required.

e. Under no circumstances may the service vendor delay provisioning of an Emergency TSP service request for verification purposes.

3. Invocation Official.

a. Invocation officials include:

- (1) the head or director of a Federal Agency;
- (2) the commander of a unified/specified military command;
- (3) the chief of a military service;
- (4) the commander of a major military command;
- (5) the delegates of any of the foregoing;

(6) State Governors who are authorized to invoke NS/EP treatment in response to state or local disasters and/or emergencies for which no Federal participation is expected to be requested.

b. Federal invocation officials may choose to delegate the authority to invoke NS/EP treatment to other appropriate individuals within their agency. Delegates never have invocation authority by virtue of title alone, but must always be identified by the invocation official and designated as such in writing to the Manager, NCS. Delegates of an invocation official may not further delegate the authority to invoke NS/EP treatment to another individual. Delegates may only include:

- (1) generals or flag officers of a military service;
- (2) civilian employees of equivalent grade (e.g., Senior Executive Service member);
- (3) Federal Coordinating Officers or Federal Emergency Communications Coordinators/Managers.

c. Invocation officials and their delegates must be identified in writing to the NCC or TSP Program Office before their first invocation. The NCC will maintain a list of invocation officials and their delegates. However, it is the responsibility of each agency to provide the NCC with current information. (See reference 4p for additional guidance.)

4. Preventing Abuse of Provisioning Priorities.

a. TCO's should not request a provisioning priority in the following circumstances:

(1) To make up for time lost as a result of inadequate advance planning.

(2) To activate service(s) for which required customer premises equipment (e.g., government-furnished modems, encryption equipment, or other terminal equipment), customer premises wiring, or network facilities will not be available by the TCO's service due date.

(3) To facilitate the normal relocation or rearrangement of existing service(s) (e.g., internal organizational moves) unless required to support the start of a new NS/EP telecommunications service.

(4) To disconnect existing service(s) unless required to support the start of a new NS/EP telecommunications service.

(5) To obtain the U.S. half-circuit segment(s) or the U.S. tail (extension) segment(s) of an international telecommunications service(s) for which the foreign half-circuit segment(s) or the foreign tail (extension) segment(s) will not be available by the TCO's service due date.

b. It is the responsibility of the TCO to request a provisioning priority TSP only when other avenues to obtain the service have been attempted and invocation is the final means to obtain the service within the time required.

5. Requesting an Emergency Provisioning Priority.

a. A TCO with a critical requirement for provisioning a new service in response to an emergency may request an Emergency provisioning priority (E). (TSR item 527B describes the criteria a service must meet to qualify for the Emergency category.)

b. In addition to meeting the referenced criteria, for a NS/EP service to be assigned an Emergency provisioning priority, the need for a service has to be so critical that the service must be provisioned at the earliest possible time, without regard to the cost to the TCO of obtaining the service. Authorization for the expenditure of any overtime and expediting charges that may be incurred must be provided in TSR item 118. A statement that the maximum amount allowable is "unlimited" must also be included.

c. A TCO who must request an Emergency provisioning priority should first contact a service vendor (for changes to existing services or for new requirements if the service vendor is known) to determine if the service vendor can respond to the requirement without invocation. Taking this action ensures two things:

(1) Federal dollars are saved if an invocation is avoided because the service vendor can satisfy the requirement using standard procedures.

(2) The service vendor is alerted to the fact that the emergency exists and that the service will be required in the immediate future.

d. If the service vendor cannot respond using standard or expediting procedures, or is not known, the TCO should contact his invocation official, stating the requirement and the circumstances that make invocation necessary. If the invocation official agrees to authorize the invocation, the TCO next contacts the NCC and requests an Emergency provisioning priority. The NCC is available to receive these requests 24 hours a day, seven days a week. The NCC receives the request (normally by phone followed by a TSR within two working days) and verifies both the requirement and that the name of the invocation official is on file. The telephone and facsimile numbers and address for the NCC are:

(1) Telephone: Commercial: 703-746-1300 (STU III equipped)
DSN: 286-1300 (STU III equipped)

(2) Unclassified Facsimile: Commercial: 703-557-5012
DSN: 222-5012
FTS: 557-5012

(3) Classified Facsimile: Commercial: 703-557-5185/6
FTS: 557-5185/6

(4) Mail Address: National Coordinating Center
ATTN: Manager
701 S. Court House Road, Arlington, VA 22204-2199

(5) AUTODIN Message Address: MGR NCS WASHINGTON DC//NCS-NCC//

e. After the TCO has received the provisioning priority (i.e., the eleventh position of the TSP Authorization Code), the TCO gives it (along with applicable TSR information) to the appropriate DISA Allocation and Engineering (A&E)/DECCO action agency as specified in chapter 4, either verbally or in a written TSR. The A&E/DECCO activity will be contacted during normal duty hours and the NCS/DISANOC contacted after normal duty hours. (See chapter 2, table 3, for points of emergency contact.) If the DISA A&E/DECCO Activity or NCS/DISANOC cannot be contacted, the TCO may place an order for Emergency NS/EP service directly with the service vendor. The TSR, TSO, and/or the

service order should be passed to the service vendor without delay. If passed verbally, written confirmation must be submitted within two working days which indicates that the request had previously been forwarded verbally and was in support of an emergency. When an Emergency NS/EP service order has been verbally provided to the vendor and the order has been accepted for action, do not again verbally submit the service requirement to the DISA action agency since this could result in confusion. A record TSR copy will suffice. The TCO will submit Emergency NS/EP TSR's to the appropriate DISA A&E/DECCO action agency by the most expeditious means available. Emergency NS/EP TSR's submitted to Headquarters, DISA or DISA TMSO (in accordance with instructions contained in chapter 4) will be sent via AUTODIN, operational immediate.

f. Service vendors are not required to accept invocation of Emergency provisioning without the accompanying TSP Authorization Code and the name, title and commercial phone number of the invocation official, unless the TCO or their contracting activity asserts they are unable to communicate with the NCS. The TSP Authorization Code is the service vendor's legal authority to give the Emergency TSP service preferential treatment. The service vendor may choose to contact the NCC if there are any questions regarding the TSP assignment. The service vendor may not, however, delay processing the service request for verification purposes.

g. After 30 days, assignments of Emergency provisioning priority levels that have not been passed to the service vendor are revoked by the NCC unless extended for another 30 day period.

6. Requesting an Essential Provisioning Priority.

a. The purpose of priority provisioning for an Essential NS/EP service is to satisfy a requirement for a new (or change to an existing) NS/EP service that must be installed by a specific date that cannot be met without invocation. Essential services may be assigned provisioning priority levels 5, 4, 3, 2, or 1.

b. In most cases, an Essential service will be assigned a restoration priority and a provisioning priority at the same level. (TSR item 526A describes the Essential service subcategories and the criteria a service must meet to qualify for the subcategories.)

c. The first step for a TCO with an Essential service provisioning requirement is to contact a service vendor (for changes to existing services or for new requirements if the service vendor is known) to determine if the service vendor can satisfy the requirement. The purpose of this initial contact is to give the service vendor an opportunity to say whether they can meet the required service date without an invocation.

d. If the service vendor informs the TCO that the service cannot be provisioned by the required date using normal procedures, the TCO will need to invoke NS/EP treatment. The TCO will contact his invocation official and

state the criticality of the service provisioning requirement and the circumstances that require invocation. If the invocation official agrees to authorize the invocation, the TCO will contact the NCC and request a provisioning priority. Provisioning priorities will not be assigned without the concurrence of the TCO's invocation official.

e. If the TCO requests a provisioning priority via telephone, the verbal request must be followed by a TSR within two working days. The telephone and facsimile numbers and address for the NCC are in paragraph 5d. The NCC will verify the requirement and that the name of the invocation official is on file with the NCS. The NCC will then assign the provisioning priority and forward it (in a TSP Authorization Code) to the TCO. (If the invocation official has not been identified to the NCS, the NCC will not assign a TSP Authorization Code.)

f. After receiving the TSP Authorization Code, the TCO will include it in the TSR submitted to the appropriate DISA A&E/DECCO action agency as specified in chapter 4. The TSR, TSO, and/or the service order should be passed to the service vendor without delay in order to obtain priority provisioning. (The TCO may, however, choose not to pass the TSP Authorization Code to the vendor if the service is no longer required by the due date. If the TSP Authorization Code is not passed to the service vendor, then invocation has not occurred. If the provisioning priority is no longer needed, the TCO should notify the NCC.) The TSP Authorization Code is the service vendor's legal authority to give the Essential TSP service preferential treatment. The service vendor is then required to make their best effort to provide the service by the due date. The service vendor may charge authorized costs to the TCO for the faster-than-normal provisioning they are providing. Therefore, authorization for the expenditure of any overtime and expediting charges that may be incurred must be provided in TSR item 118.

DEFENSE INFORMATION SYSTEM NETWORK (DISN) - NEAR-TERM (NT)
SERVICE PROVISIONING PROCEDURES - PHASE I

1. General.

a. The term "service provisioning", as it is used in support of DISN-NT Phase I provisioning, is defined as the identification and validation/certification of customer requirements, the determination of appropriate solutions to these requirements, the allocation and acquisition of transmission and information system resources to meet these requirements, and implementation of all actions needed to satisfy these requirements end-to-end.

b. The evolution of DISN-NT provisioning will be supported by a phased implementation of enhanced procedures and automation tools. Phase I (Integration of DISN Tier I networks into DISA's provisioning system) has begun. DISN-NT provisioning will culminate with the implementation of the Integrated Network Management System. Supplement 12 only addresses DISN-NT service provisioning procedures under Phase I. This documentation will be updated as DISA progresses toward the final phase.

c. The flow of Telecommunications Service Requests (TSR's) under Phase I service provisioning procedures (as depicted in figure 27), is similar to procedures outlined in the basic DISAC 310-130-1 for other DCS service. However, a significant difference is the DISA Allocation and Engineering (A & E) activity will coordinate with the Tier 1 Network Manager(s) in order to provision service on one of the Tier 1 networks. Also, requests for bandwidth allocation, or other non-complex network services that do not require some special acquisition (e.g., leased tail segments and/or additional equipment), will be satisfied quickly upon receipt of a funded TSR/Telecommunications Service Order (TSO).

d. DISN-NT Phase I provisioning procedures consist of five major functions: (1) Submission of the Service Request; (2) Order and Tracking; (3) Procurement; (4) Service Allocation; and (5) Installation, Test and Acceptance (IT&A). Each function is described in the following paragraphs.

2. Service Request.

a. The user must submit a validated Request for Service (RFS), identifying their service requirement, to their supporting Telecommunications Certification Office (TCO) in accordance with service/agency procedures. The TCO will assist the user to define all aspects of the requirement.

b. After the requirement is defined, and funding is validated, the TCO will prepare and submit a TSR in accordance with procedures discussed in the basic DISAC 310-130-1. (It may be necessary for the TCO to coordinate the service requirement with the DISA A & E activity to evaluate the requirement, assess available options, and obtain an approximate cost for the service requirement before submitting the TSR.) The TSR will be forwarded to the appropriate DISA A & E activity (i.e., HQ DISA/DOCA or TMSO), and to the

National Communications System (NCS) if a Telecommunications Service Priority (TSP) is requested. If the service requirement has been satisfied through a Community of Interest (COI) Tier 1 network, the TCO will indicate in the TSR that no further Tier 1 allocation action is necessary. (The DISA A & E activity will use these COI TSR's to update the World Wide On-line System (WWOLS) database and issue TSO's as appropriate.)

3. Order and Tracking.

a. Upon receipt of a TSR, or request for information from the TCO, the DISA A & E activity will determine a DISN or non-DISN solution. The DISA A & E activity may have to coordinate with the DISN Tier 1 Network Manager(s) to make that determination. Upon receipt of a service request from the DISA A & E activity, the Tier 1 Network Manager will assess the network capabilities, and advise DISA within 3 working days (using the DISN-NT bandwidth request and response forms), as to whether or not the service can be provided. If tail segments are required, the Tier 1 Network Manager will advise the DISA A & E activity of the specifics.

b. Non-DISN services will be provisioned by the DISA A & E activity in accordance with established DISA procedures.

c. If the service requirement specifies DISN expansion and/or installation of complex systems on DISN, the DISA A & E activity will coordinate those requirements with the DISN Program Management Office (PMO). The DISN PMO will estimate the DISN expansion required and advise the DISA A & E activity who will coordinate with the TCO to determine if the required leadtime involved with the expansion is acceptable to the user. If it is not acceptable, the user/TCO has two options: (1) accept the delay while the network is being expanded (estimated time is 90 days), or (2) instruct the DISA A & E activity to proceed with normal (non-DISN) leasing action in order to satisfy the requirement.

d. Once all requirements and solutions have been determined, either through DISN or non-DISN, the DISA A & E activity will issue a TSO within two working days, authorizing implementation of the required service (to include necessary tail segments) and to update the WWOLS database for identification and tracking purposes.

e. As the Tier 1 Network Managers implement non-COI service, they will assess the network to ensure that adequate bandwidth exists to support current requirements. Network expansion requirements will be submitted to the DISN PMO in RFS format. The PMO will approve/validate the requirement within three working days and forward it to the DISA TCO activity for processing and submission to the appropriate DISA A & E activity.

4. Procurement. If leasing action is necessary in order to satisfy the customer requirement, the DISA A & E activity will submit the TSO to DECCO. Applicable procurement actions will be in accordance with DISA/DECCO procedures. DECCO will coordinate and ensure delivery of the requested service from the contracted vendor. Leadtimes, as established by DECCO and

depicted in Tables 12 through 15 of the basic DISAC 310-130-1, are required to meet legal and contractual constraints when acquiring commercial leased services.

5. Service Allocation. No later than five working days prior to the established service date, the Tier 1 Network Manager will complete all appropriate actions (i.e., allocate bandwidth, ports, etc. for the transmission level). DECCO will begin billing the customer for Tier 1 bandwidth as of the original service date, unless the service date has been delayed or amended. The delay shall not exceed the requested service date by more than thirty days. If the delay is more than thirty days, the service must be canceled by the TCO or billing will begin.

6. Installation, Test, and Acceptance (IT&A).

a. After bandwidth and port assignments have been allocated, the Tier 1 Network Manager will ensure that all installation, test, and acceptance actions are initiated and completed.

b. The CCO/CMO will notify the Tier 1 Network Manager when the tail segments are ready for acceptance testing. The Tier 1 Network Manager will coordinate with the appropriate activity for: (1) physical installation of DISN-NT circuits and equipment and (2) performing end-to-end testing to ensure established performance standards are satisfactorily met. The CCO/CMO will coordinate with the commercial vendor and/or GFE provider for installation and/or trouble shooting of all circuits and equipment.

c. When all IT&A actions are satisfied (e.g., circuit and/or equipment performance meets standards), the CCO/CMO will submit the completion report to the DISA A & E activity with information copies to all TSO addressees. After acceptance of service, the Tier 1 Network Manager will assume responsibility for the circuit/equipment to include resolving customer trouble calls.

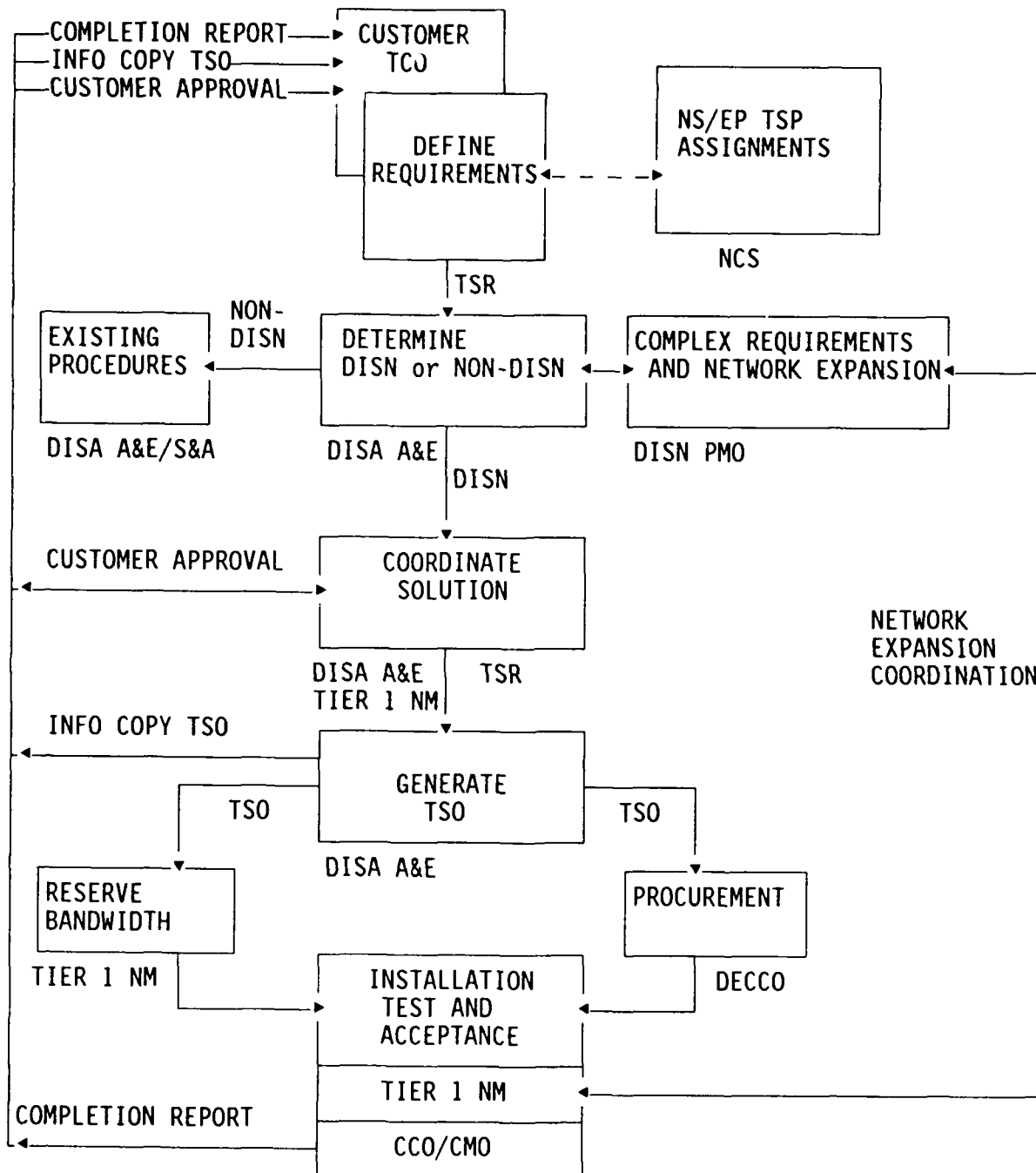


FIGURE 27. FLOW OF DISN-NT PHASE I REQUIREMENTS

ERRATA SHEET #1 FOR DISA CIRCULAR 310-130-1 (JULY 1992)

(Effective 24 May 1993)

I. Basic Circular

Page vi

Change wording for Supplement 12 to read "Defense Information System Network (DISN) Service Provisioning Procedures - Phase II".

Page viii

Add a new figure to read "27 Flow of DISN Requirements (Supplement 12).....8".

Page ix

Change page number for Table 13 to 4-22l. Change Table 14 to 14A and page number to 4-22m. Add a new Table to read "14B Leadtimes for Pacific Service....4-22o".

Page xii

Add the following new definitions to the Glossary of Terms:

Complex Requirements. Those customer service requirements that require changes or expansion of the DISN (topology changes), acquisition of new technology or major equipment to enable DISN to support the requirement, or those requirements that are so large that the requirement requires a sub-network within DISN to be developed.

Customer. An entity or organization which orders, uses, subscribes, and/or pays for service.

Customer Assistance. The functional implementation of the operational aspects of customer service. It is the day-to-day assistance provided by the organization to its customers in support of their communication and information systems.

Customer Support. The functional implementation of the planning and requirements aspects of customer service. It is the identification of customer requirements and the determination of appropriate solutions to these requirements. It encompasses working with customers to inform them of what is available, to understand and satisfy their requirements, to develop technical criteria, and to ensure continued customer satisfaction.

ERRATA AD-A255932

ERRATA SHEET #1 FOR DISA CIRCULAR 310-130-1 (JULY 1992) (CON.)

Page xix

Add the following new definition to the Glossary of Terms:

Non-complex Requirements. Those requirements that are single or multiple circuits that do not require changes or expansion to the DISN other than the addition of leased tail segments, and are capable of using existing technology or equipment to support the service requirement.

Page xxiv

Add the following new definition to the Glossary of Terms:

Tail Segment (Circuit). A transmission path between user terminal equipment and network equipment.

Page xxvii

Change the definition of "User" to read as follows: "A person, organization, or other entity that uses the services provided by a telecommunications system for transfer of information to others."

II. Chapter 3Page 3-2, paragraph 3.C.

Add a new sentence within the parenthesis to read as follows: "See Attachment 2 of Supplement 12 for required/optional DISN TSR items."

Page 3-8, TSR Item 105

Delete "DISN" (in line 2) and add "DISN Transmission Service, DISN Router Service,".

Page 3-9, TSR Item 111

Change the TSR item description to read "Modulation Rate/Bandwidth".

Page 3-14, TSR Item 120

Change the third sentence to read as follows: "If the START/TEMPORARY TSR pertains to AUTODIN, DDN, DSN/DCTN, or DISN router service access line/tail segment requirements, item 120B should state "DISA to determine" unless there is a special requirement for diverse routing, dual or split homing, an additional line to an existing hunt group, or offhook user information."

ERRATA SHEET #1 FOR DISA CIRCULAR 310-130-1 (JULY 1992) (CON.)

- Page 3-15,
TSR Item 127
- Add the following to the end of line 7: "or for DISN service,".
- Page 3-16, TSR
Item 128, paragraph
(4)(c)
- Add the following additional examples on line three: "CCITT V.35, RS-449, Ethernet, Token Ring".
- Page 3-31,
paragraph d.
- Change paragraph heading to read "DDN/DISN Service Information."
- Page 3-31,
TSR Item 352
- Change the first line of the TSR description to read "URDB Identification, Sequence Number, and Purpose Code or DISN Tracking Number. For DDN service, enter the". Add the following new sentence to the end of the paragraph: "If DISN service is being requested, cite the 8-digit DISN Tracking Number (assigned by DISA during pre-TSR coordination in accordance with Supplement 12)."
- Page 3-32,
TSR Item 357
- Change the first line of the TSR description to read "Host Interface Type/DISN Software Protocol. Indicate the DDN software (HDH, 1822DH or X.25)". Change parenthetical statement in the last line to read "(DDN Host only.)". Add the following new sentence to the end of the paragraph: "For DISN router service, indicate the type of protocol (e.g., Ethernet, Broadband, Token Ring, Fiber Distributed Data Interface (FDDI)) associated with this requirement."
- Page 3-32
- Change the note (which follows TSR Items 358-362) to read as follows: "Crypto Account Information. For "secured" subscribers that have a requirement to be connected to the classified subnetwork of DDN, or to DISN, provide information required in items 363 through 366 as follows:".
- Page 3-32,
TSR Item 368
- Change the parenthetical statement in the last line to read "(DDN Host only)."
- Page 3-37,
TSR Item 416
- Change TSR description title to "Cost Threshold/DISN Estimated Cost."

ERRATA SHEET #1 FOR DISA CIRCULAR 310-130-1 (JULY 1992) (CON.)

III. Chapter 4

Pages 4-17
through 4-22

Remove pages 4-17 through 4-22 and insert new pages 4-17 through 4-22q.

IV. Supplement 7

Page 2,
TSR Item 105

Delete "DISN" from the list of options and add "DISN Transmission Service, DISN Router Service,".

Page 3,
TSR Item 111

Change TSR item title to "Modulation Rate/Bandwidth."

Page 5,
TSR Item 120

Change TSR item title to "Terminal/End User/Node Location."

Page 13,
TSR Item 352

Change TSR item title to "DDN URDB Identification, Sequence Number, and Purpose Code or DISN Tracking Number."

Page 13,
TSR Item 357

Change the TSR item description paragraph to read "DDN Host Interface Type/DISN Software Protocol. Identify the appropriate DDN software and hardware interfaces (DDN Host only) or cite the type of protocol associated the DISN router service requirement."

Page 13, TSR
Items 363-366

Change first line for each TSR item description to read "DDN/DISN subscriber crypto account".

Page 13,
TSR Item 368

Change TSR item title to "DDN Host Name."

Page 15,
TSR Item 416

Change TSR item title to "Cost Threshold/DISN Estimated Cost".

V. Supplement 8

Page 1

Add a footnote "1" after the matrix title (TSR ITEM SUBMISSION MATRIX). Add the following note at the bottom of the page: "NOTE 1 - See attachment 2 to Supplement 12 for a listing of TSR items required for DISN service."

ERRATA SHEET #1 FOR DISA CIRCULAR 310-130-1 (JULY 1992) (CON.)

VI. Supplement 10

Page 3,
TSR Item 416

Change TSO Generated Heading to read "COST
THRESHOLD/DISN EST COST:".

VII. Supplement 12

Pages 1 through 4

Remove pages 1 through 4 and insert new
Supplement 12 (pages 1 through 8),
Attachment 1 (pages 1 through 4), and
Attachment 2 (pages 1 through 9).

SAM/Circuit Demand or TSO service date. This procedure will allow the user access (activation of the port) to the network within seven days following installation of the circuit by the vendor or government personnel.

(e) The Service or Agency TCO is responsible for identifying the CCO/CMO (TSR item 409) that has the responsibility for submitting completion reports. These reports provide information for use in entering circuit information in the DCS data base and maintaining billing records for leased circuits and equipment.

(f) The Service or Agency designated point-of-contact identified in TSR item 417 is responsible for notifying the DDN Subscriber Implementation Team Action Officer as to the completion of circuit and/or equipment installation. In the CONUS, notification will be to the DDN Subscriber Implementation Team. OCONUS notification will be to the DISA Area DDN Office. This procedure will allow the DDN Area Office to activate the hot plug type connection to the network within seven days.

j. Multiplex Management. TSR procedures are used within certain DISA areas in support of near-term and midterm multiplex planning actions. The TSR confirms Department, Agencies, and Offices (DOA) support of such plans and is an established vehicle for obtaining necessary concurrences, validations, and information.

k. Jam Resistant Secure Communication (JRSC) and Electronic Counter-Countermeasure (ECCM) Requirements. Since all JRSC/ECCM service utilizes the DSCS, requests for service will be processed in accordance with paragraph 4h above, with the exception that TSR's will include both DISA DITD and DITJ as information addressees. Contact DISA DITJ for special TSR guidance.

l. Defense Information System Network (DISN) Requirements. Requests for DISN service will be processed in accordance with information contained in supplement 12 to this Circular.

TABLE 12. LEADTIMES FOR SERVICE¹

TYPE OF SERVICE	CONUS/ ALASKA	CONUS-TO- OVERSEAS ²	PACIFIC ³	EUROPE ⁴
<u>CALENDAR DAYS</u>				
<u>STARTS/REAWARDS</u>				
Point-to-point narrowband (service below 56Kb derived over analog or digital channels)	94	138	57	30+ (U.K.) 50+
Point-to-point wideband (56Kb and above)	116	238	105	30+ (U.K.) 50+
DSN/DRSN	84	158	54	30+ (U.K.) 50+
Off-the-shelf equipment only				
Over \$25K.	210	N/A	123	Case-By-Case
Under \$25K.	78	N/A	84	Case-By-Case
Other than off-the-shelf/bulk equipment only (e.g., specially designed)				
Invitation for Bid (IFB)/ Request for Proposal (RFP)	467	475	140	Case-By-Case
Bulk Modem Contract				
Modems	55	N/A	N/A	N/A
Networks Management System	100	N/A	N/A	N/A
Direct AUTODIN access lines	77	148	54	30+ (U.K.) 50+
Indirect AUTODIN access lines - Narrow Band	94	138	57	30+ (U.K.) 50+
Indirect AUTODIN access lines - Wideband	106	253	105	30+ (U.K.) 50+
<u>SYSTEMS OR NETWORKS</u>				
(Includes T-1 networks)				
IQO	135	173	131	N/A
RFP	437	360	177	N/A
PCM-30 (2MBP and above)	N/A	N/A	131	30+
DCTN Video Teleconferencing (VTC) ⁵				
Executive Configuration	300	N/A	N/A	N/A
Modular with minor construction	180	N/A	N/A	N/A
Roll About with minor construction	180	N/A	N/A	N/A

TABLE 12. LEADTIMES FOR SERVICE¹ (CON.)

Leased Interfacility NAS

Communication System (LINCOS)

Node Establishment	125	N/A	N/A	N/A
Node to Node Existing	20	N/A	N/A	N/A
Multipoint	70	N/A	N/A	N/A
All other channels	50	N/A	N/A	N/A

International Switched Voice Service

Switched Access	N/A	44	N/A	N/A
Dedicated Access	N/A	84	N/A	N/A

INMARSAT Space Segment	23	23	23	23
------------------------	----	----	----	----

DISCONNECTS

DSN/DRSN/AUTODIN	63 (With BTL) 40 (W/O BTL)	79	36	21+
Equipment only	35	N/A	36	Case-By-Case
Point-to-point Narrowband or Wideband	40	79	36	21+
System or Network	90	90	60	N/A

(Disconnect intervals vary CONUS to Overseas depending on USIC tariff.)

CHANGES

Point-to-Point Narrowband	68	127	57	30+
Point-to-Point Wideband	68	127	60	30+
DSN/DRSN	68	127	54	30+
Off The Shelf Equip Only	68	127	54	30+
Other Than Off the Shelf Equip	68	127	64	30+
AUTODIN Access	68	127	54	30+
Systems or Networks	68	127	71	30+
TSP	40	40	40	N/A

NOTES:

¹ Leadtimes denote the normal average interval between the receipt of an accurate and complete TSR by a DISA action agency and the completion of the action by communications contractor or by DCS facilities. In Europe, leadtimes denote the normal average interval between the receipt of an accurate and complete TSR by DISA-EUR and the receipt of the circuit demand by the PTT(s), including processing leadtimes received by DECCO-EUR and the appropriate NALLA. To determine total provisioning time to complete action by commercial contractor (PTT), add appropriate PTT leadtime from Table 14A. In addition to the leadtimes identified in Table 12, see Supplement 12 for a discussion of the specific leadtimes required by DISA activities to process DISN requirements.

TABLE 12. LEADTIMES FOR SERVICE¹ (CON.)

² CONUS to Overseas includes CONUS to Alaska and CONUS to Hawaii. CONUS to Overseas does not include Alaska to Hawaii; this would be Pacific.

³ Applicable to service within the Pacific Area. For Leadtimes in Japan, Okinawa and Korea, refer to Table 14B.

⁴ 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. TCO should refer to Table 14A to determine required PTT leadtime by selecting the criteria which applies to the requirement based on country, tariff application (internal or international), and type of circuit action (start, cease, or modification).

⁵ DCTN VTC times include site surveys and actual provisioning of transmission and video studio equipment. (Service is provided for CONUS/Hawaii.)

DOMESTIC SERVICE PROCESSING AND PROVISIONING WORKSHEET

Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
DISA	DECO- Issue				
Action	Inquiry/Direct Order	Contractor- Issue	DECO- Issue	Contractor- Implement	Domestic Leadtime
Agency	Solicitation/ Termination	Issue Quote/ Proposal	Contract Award	Service	TOTAL
Issue TSO					
STARTS					
Point-to-point narrowband (includes service below 56Kb derived over analog or digital channels)					
TMSO	5				
DECO	7	14	8	60	94
Point-to-point wideband (56Kb and above)					
TMSO	5	12	14	10	75
DECO					116
DSN/DRSN					
TMSO	5				
DECO	5	14	N/A	60	84
Off-the-shelf equipment only Over 25K					
TMSO	N/A	45	30	90	45
DECO					210
Under 25K					
TMSO	N/A	12	22	14	30
DECO					78
Other than off-the-shelf/ bulk equipment only (e.g., specially designed)					
Invitation for Bid (IFB)/ Request for Proposal (RFP)	17	90	150	120	467
Bulk Modem Contract					
Modems	N/A	N/A	10	45	55
Network Management System	N/A	N/A	10	90	100
Direct AUTODIN access lines					
TMSO	5				
DECO	3	14	N/A	55	77
Indirect AUTODIN access lines - (Narrow Band)					
TMSO	5				
DECO	7	14	8	60	94

DOMESTIC SERVICE PROCESSING AND PROVISIONING WORKSHEET

TYPE OF SERVICE	Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
	DISA Action Agency Issue TSO	DECO-Issue Inquiry/Direct Order Solicitation/ Termination	Contractor- Issue Quote/ Proposal	DECO-Issue Contract Award	Contractor- Implement Service	Domestic Leadtime TOTAL
STARTS						
Point-to-point narrowband (includes service below 56Kb derived over analog or digital channels)						
TMSO 5		7	14	8	60	94
DECO						
Point-to-point wideband (56Kb and above)						
TMSO 5		12	14	10	75	116
DECO						
DSN/DRSN						
TMSO 5		5	14	N/A	60	84
DECO						
Off-the-shelf equipment only						
Over 25K						
TMSO N/A		45	30	90	45	210
DECO						
Under 25K						
TMSO N/A		12	22	14	30	78
DECO						
Other than off-the-shelf/ bulk equipment only (e.g., specially designed)						
Invitation for Bid (IFB)/ Request for Proposal (RFP) 17		90	90	150	120	467
Bulk Modem Contract						
Modems N/A		N/A	N/A	10	45	55
Network Management System N/A		N/A	N/A	10	90	100
Direct AUTODIN access lines						
TMSO 5		3	14	N/A	55	77
DECO						
Indirect AUTODIN access lines - (Narrow Band)						
TMSO 5		7	14	8	60	94
DECO						

CONUS TO OVERSEAS PROCESSING AND PROVISIONING WORKSHEET

TYPE OF SERVICE	Interval A DISA Action Agency Issue TSO	Interval B DECOO-Issue Inquiry/Direct Order Solicitation/ Termination	Interval C Contractor- Issue Quote/ Proposal	Interval D DECOO-Issue Contract Award	Interval E Contractor- Implement Service	Interval F CONUS To Overseas Leadtime TOTAL
STARTS (Con't)						
Systems or networks (Includes T-1 networks)						
IQO TMSO	25		13	40	60	173
DECOO		35				
RFP TMSO	30	60	60	90	120	360
DECOO						
PCM-30 (2MBPS and above)	14					
TMSO (Review Only)		N/A	N/A	N/A	N/A	N/A
DECOO						
INTL Switched Voice Service						
Switched Access	N/A	N/A	N/A	14	30	44
Dedicated Access	N/A	N/A	N/A	14	70	84
INMARSAT Space Segment	14	7	N/A	N/A	2	23
DISCONNECTS						
DSN//DRSN/AUTODIN						
TMSO	14	N/A	N/A	5	60	79
DECOO						
Equipment only						
TMSO	N/A	N/A	N/A	N/A	N/A	N/A
DECOO						
Point-to-point narrowband or wideband						
TMSO	14	N/A	N/A	5	60	79
DECOO						
Systems or Networks						
TMSO	5	10	25	25	25	90
DECOO						
Disconnect intervals vary depending on the USIC tariff.						
CHANGES						
ALL						
TMSO	14	14	14	25	60	127
DECOO						
TSP						
TMSO	5	5	14	N/A	16	40
DECOO						

CONUS TO OVERSEAS PROCESSING AND PROVISIONING WORKSHEET

Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
DISA Action Agency Issue TSO	DECOO-Issue Inquiry/Direct Order Solicitation/ Termination	Contractor- Issue Quote/ Proposal	DECOO-Issue Contract Award	Contractor- Implement Service	CONUS To Overseas Leadtime TOTAL
TYPE OF SERVICE					
DDN STARTS/REWARDS					
Point-to-point narrowband (service derived over analog channels)					
TMSO	14				
DECOO	30	14	30	60	148
Point-to-point wideband					
TMSO	14				
DECOO	30	14	30	60	148
Off-the-shelf equipment only					
TMSO	N/A				
DECOO	N/A	N/A	N/A	N/A	N/A
DISCONNECTS					
Point-to-point (narrowband or wideband)					
TMSO	14				
DECOO	N/A	N/A	5	45	64
Off-the-shelf equipment					
TMSO	N/A				
DECOO	N/A	N/A	N/A	N/A	N/A
CHANGES					
ALL					
TMSO	14				
DECOO	N/A	N/A	5	60	79

DOMESTIC SERVICE PROCESSING AND PROVISIONING WORKSHEET

TYPE OF SERVICE	Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
	DISA Action Agency Issue TSO	DECO- Issue Inquiry/Direct Order Solicitation/ Termination	Contractor- Issue Quote/ Proposal	DECO- Issue Contract Award	Contractor- Implement Service	Domestic Leadtime TOTAL
DISCONNECTS (Con't)						
Point-to-point narrowband or wideband						
TMSO	5	5	N/A	N/A	30	40
DECO						
System or Network						
TMSO	5	10	25	25	25	90
DECO						
CHANGES						
ALL						
TMSO	5	5	14	9	35	68
DECO						
TSP						
TMSO	5	5	14	16	N/A	40
DECO						
DDN STARTS/REWARDS						
Point-to-point narrowband (service derived over analog channels)						
TMSO	5	7	14	8	60	94
DECO						
Point-to-point wideband						
TMSO	5	12	14	10	75	116
DECO						
Off-the-shelf equipment only						
TMSO	N/A	N/A	N/A	N/A	N/A	N/A
DECO						
DISCONNECTS						
Point-to-point (narrowband or wideband)						
TMSO	5	5	N/A	N/A	30	40
DECO						
Off-the-shelf equipment						
TMSO	N/A	5	N/A	N/A	30	35
DECO						
CHANGES						
ALL						
TMSO	5	5	14	9	35	68
DECO						

CONUS TO OVERSEAS PROCESSING AND PROVISIONING WORKSHEET

TYPE OF SERVICE	Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
	DISA	DECOO- Issue		DECOO		CONUS To
	Action	Inquiry/Direct Order	Contractor-	Issue	Contractor-	Overseas
	Agency	Solicitation/	Issue Quote/	Contract	Implement	Leadtime
STARTS	Issue TSO	Termination	Proposal	Award	Service	TOTAL
Point-to-point narrowband (includes service below 56Kb derived over analog or digital channels)	14	10	14	10	90	138
TMSO						
DECOO						
Point-to-point wideband (56Kb and above)	14	40	14	50	120	238
TMSO						
DECOO						
DSN//DRSN	14	25	14	30	75	158
TMSO						
DECOO						
Off-the-shelf equipment only						
Over 25K						
TMSO	N/A	N/A	N/A	N/A	N/A	N/A
DECOO						
Under 25K						
TMSO	N/A	N/A	N/A	N/A	N/A	N/A
DECOO						
Other than off-the-shelf/ bulk equipment only (e.g., specially designed)						
Invitation for Bid (IFB)/ Request for Proposal (RFP)	25	90	90	150	120	475
Direct AUTODIN access lines						
TMSO	14	30	14	30	60	148
DECOO						
Indirect AUTODIN access lines - (Narrow Band)						
TMSO	14	30	14	20	60	138
DECOO						
Indirect AUTODIN access lines - (Wide Band)						
TMSO	14	45	14	60	120	253
DECOO						

PACIFIC SERVICE PROCESSING AND PROVISIONING WORKSHEET

TYPE OF SERVICE	Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
	DISA Action Agency Issue TSO	DECCO-Issue Inquiry/Direct Order Solicitation/ Termination	Contractor- Issue Quote/ Proposal	DECCO-Issue Contract Award	Contractor- Implement Service	Pacific Leadtime TOTAL
<u>STARTS</u>						
Point-to-point narrowband (includes service below 56Kb derived over analog channels)	7					
A&E		3	15	2	30	57
DECCO						
Point-to-point wideband (56Kb and above)	10					
A&E		3	15	2	75	105
DECCO						
DSN/DRSN						
A&E	4	3	15	2	30	54
DECCO						
Off-the-shelf equipment only						
Over 25K	4	7	45	7	60	123
A&E						
DECCO						
Under 25K	4	3	15	2	60	84
A&E						
DECCO						
Other than off-the-shelf/ bulk equipment only (e.g., specially designed)						
Invitation for Bid (IFB)/	14	14	45	7	60	140
Request for Proposal (RFP)						
Direct AUTODIN access lines						
A&E	4	3	15	2	30	54
DECCO						
Indirect AUTODIN access lines (Narrowband)	7	3	15	2	30	57
A&E						
DECCO						
Direct AUTODIN access lines (Wideband)	10	3	15	2	75	105
A&E						
DECCO						

PACIFIC SERVICE PROCESSING AND PROVISIONING WORKSHEET

Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
DISA	DECO- Issue				
TYPE OF SERVICE	Action Inquiry/Direct Order	Contractor- DECO- Issue	Contractor- Implement	Contractor- Leadtime	Pacific
Agency	Solicitation/ Termination	Issue Quote/ Proposal	Contract Award	Service	Leadtime
Issue TSO					TOTAL
STARTS (Con't)					
Systems or networks (Includes T-1 networks)					
IQO A&E	21	3	15	2	90
DECOO					131
RFP A&E	21	14	45	7	90
DECOO					177
POM-30 (2MBPS and above)					
A&E	21	3	15	2	90
DECOO					131
INMARSAT Space Segment	14	7	N/A	N/A	2
DISCONNECTS					23
DSN/DRSN/AUTODIN					
A&E	3	N/A	N/A	3	30
DECOO					36
Equipment only					
A&E	3	N/A	N/A	3	30
DECOO					36
Point-to-point narrowband or wideband					
A&E	3	N/A	N/A	3	30
DECOO					36
Systems or Networks					
A&E	10	3	15	2	30
DECOO					60
CHANGES					
Point-to-Point Narrowband	7	3	15	2	30
Point-to-Point Wideband	10	3	15	2	30
DSN/DRSN	4	3	15	2	30
Off-the Shelf Eqp Only	4	3	15	2	30
Other than Off-the Shelf	14	3	15	2	30
AUTODIN Access	4	3	15	2	30
Systems or Networks	21	3	15	2	30
TSP	5	5	14	16	N/A
					40

PACIFIC SERVICE PROCESSING AND PROVISIONING WORKSHEET

Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
DISA	DECO- Issue				
Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
Agency	Inquiry/Direct Order	Contractor- DECO- Issue	Contractor- Implement	Contractor- Implement	Pacific Leadtime
Issue TSO	Solicitation/ Termination	Issue Quote/ Proposal	Contract Award	Service	TOTAL
DUN STARTS/REWARDS					
Point-to-point narrowband (service derived over analog channels)					
A&E	14	3	15	2	30
DECOO					64
Point-to-point wideband					
A&E	14				
DECOO		3	15	2	75
Off-the-shelf equipment only					109
A&E	14				
DECOO		3	15	2	60
					94
DISCONNECTS					
Point-to-point (narrowband or wideband)					
A&E	14				
DECOO		N/A	N/A	3	30
					47
Off-the-shelf equipment					
A&E	14				
DECOO		N/A	N/A	3	30
					47
CHANGES					
ALL					
A&E	14				
DECOO		3	15	2	30
					64

EUROPEAN PROCESSING AND PROVISIONING WORKSHEET

TYPE OF SERVICE	Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
	DISA	DECOO-Issue				
	Action Inquiry/Direct Order	Contractor- DECOO-Issue	Contractor- DECOO-Issue	Contractor- DECOO-Issue	Contractor- DECOO-Issue	Contractor- DECOO-Issue
	Agency Solicitation/	Issue Quote/	Contract	Implement	Leadtime	Service
	Issue TSO	Termination	Proposal	Award		TOTAL
<u>STARTS</u>						
<u>CALENDAR DAYS</u>						
Point-to-point narrowband (includes service below 56Kb derived over analog or digital channels)	21					
A&E						
DECOO-Eur		2	(U.K.) 7	(U.K.) 1	7++	30+
		(U.K.) 7		(U.K.) 1	(U.K.) 14++	(U.K.) 50+
Point-to-point wideband (56Kb and above)	21					
A&E						
DECOO-Eur		2	(U.K.) 7	(U.K.) 1	7++	30+
		(U.K.) 7		(U.K.) 1	(U.K.) 14++	(U.K.) 50+
DSN/DRSN	21					
A&E						
DECOO-EUR		2	(U.K.) 7	(U.K.) 1	7++	30+
		(U.K.) 7		(U.K.) 1	(U.K.) 14++	(U.K.) 50+
Off-the-shelf equipment only						
Over 25K						
A&E						
DECOO-EUR		CASE BY CASE				
		CASE BY CASE				
Under 25K						
A&E						
DECOO		CASE BY CASE				
		CASE BY CASE				
Other than off-the-shelf/ bulk equipment only (e.g., specially designed) Invitation for Bid (IFB)/ Request for Proposal (RFP)						
A&E						
DECOO-Eur		CASE BY CASE				
		CASE BY CASE				
Direct AUTODIN access lines	21					
		2	(U.K.) 7	(U.K.) 1	7++	30+
		(U.K.) 7		(U.K.) 1	(U.K.) 14++	(U.K.) 50+

EUROPEAN PROCESSING AND PROVISIONING WORKSHEET

Interval A	Interval B	Interval C	Interval D	Interval E	Interval F
DISA	DECO-Issue				
Action Inquiry/Direct Order	Contractor- DECO- Issue	Contractor- DECO- Issue	Contractor- DECO- Issue	Contractor- DECO- Issue	European Leadtime
Agency Solicitation/ Issue Quote/ Proposal	Termination	Award	Service		TOTAL
Issue ISO					
CHANGES					
ALL					
A&E	21			7+*	30+
DECO-EUR	2				
DDN STARTS/REWARDS					
Point-to-point narrowband (service derived over analog channels)					
A&E	21			7+*	30+
DECO-EUR	2				
Point-to-point wideband					
A&E	21			7+*	30+
DECO-EUR	2				
Equipment only					
A&E	CASE BY CASE BASIS				
DECO-EUR	CASE BY CASE BASIS				
DISCONNECTS					
Point-to-point (narrowband or wideband)					
A&E	12			7+*	21+
DECO-EUR	2				
Equipment only					
A&E	CASE BY CASE BASIS				
DECO-EUR	CASE BY CASE BASIS			*	
CHANGES					
ALL					
A&E	21			7+*	30+
DECO-EUR	2				

* Interval E cites "7+"/"(U.K.) 14+" as NALLA leadtime. * Denotes PTT leadtimes in accordance with Table 14A, Leadtimes for European Service Requirements; add to the processing shown.

TABLE 13. LEADTIMES FOR DDN SERVICE¹

DEFENSE DATA NETWORK SERVICE	CONUS/ ALASKA	CONUS-TO- OVERSEAS ²	PACIFIC ³	EUROPE ⁴
<u>CALENDAR DAYS</u>				
<u>STARTS</u>				
Point-to-point narrowband (service derived over analog channels)	94	148	64	30+
Point-to-point wideband	116	148	109	30+
Off-the-shelf equipment only	N/A	N/A	94	Case-by-Case
<u>DISCONNECTS</u>				
Point-to-point (narrowband or wideband)	40	64	47	21+
Off-the-shelf equipment	35	N/A ⁵	47	Case-By-Case
<u>CHANGES</u>				
All	68	79	64	30+

NOTES:

¹ Leadtimes denote the normal average interval between the receipt of a DDN TSR by the DISA Area A&E Activity and the successful Test and Acceptance by the DDN office. See Domestic, CONUS-to-Overseas, Pacific, and European Service Processing and Provisioning Worksheets, attached to Table 12, for a specific breakdown of all DDN leadtimes.

² CONUS to Overseas includes CONUS to Alaska and CONUS to Hawaii. CONUS to Overseas does not include Alaska to Hawaii; this would be Pacific.

³ Applicable to services within the Pacific Area. For Leadtimes in Japan, Okinawa and Korea, refer to Table 14B.

⁴ Actual leadtimes vary from country to country, based upon mutual agreements, the type of service, and whether or not the service is in-country or international. TCO should refer to Table 14A to determine required PTT leadtime by selecting the criteria which applies to the requirement based on country, tariff application (internal or international), and type of circuit action (start, cease, or modification).

⁵ Can vary, depending on commercial company furnishing equipment.

TABLE 14A. LEADTIMES FOR EUROPEAN SERVICE

A. Leadtime requirements (in calendar days) for Voice/Data (9600 and below) circuits - PTT lead times without prior RI:*

<u>Country</u>	<u>Internal Circuits</u>		<u>International Circuits</u>		
	<u>START</u>	<u>CEASE</u>	<u>START</u>	<u>CEASE</u>	<u>MOD</u>
Belgium	30 Days	7 Days	60 Days	7 Days	14 Days
Denmark	60 Days	14 Days	60 Days	7 Days	60 Days
France	30 Days	14 Days	30 Days	7 Days	14 Days
Germany**	84 Days	8 Days	84 Days	8 Days	28 Days
Greece	No Fixed Leadtime		No Fixed Leadtimes		
Italy	30 Days	30 Days	30 Days	5 Days	30 Days
	60 Days/M1020		60 Days/M1020		
Luxembourg	21 Days	14 Days	21 Days	7 Days	14 Days
Netherlands	60 Days	14 Days	70 Days	14 Days	70 Days Int'l
					30 Days Nat'l
(NL M1020)	80 Days		90 Days		
Norway	60 Days	7 Days	60 Days	7 Days	60 Days
Portugal	60 Days	7 Days	60 Days	7 Days	14 Days
Spain	45 Days	14 Days	90 Days	7 Days	90 Days
Turkey	3 Months	14 Days	6-8 Months	14 Days	14 Days
	6-9 Months/M1020		9-11 Months/M1020		
UK	90 Days	11 Days	90 Days	11 Days	20 Days

* Leadtimes above are in accordance with ALLA Compendium Vol IIA, Annex A to Chapter 1, dated 22 Jul 92, and national PTT regulations.

** Germany: Modification leadtime is as soon as possible, 30 up to 84 days on a case by case basis.

B. Leadtime requirements for services other than the above:*

Wideband-PCM-30/2 MBPS and above:

Germany: 84 Days** Other Countries: Determined on case-by-case basis.

Digital 64KBPS:

Germany: 84 Days** Other Countries: Determined on case-by-case basis.

Public Data Network:

Germany: 45 Days Other Countries: Determined on case-by-case basis.

* Leadtimes above are in accordance with precedence set in earlier dealings with PTT.

** Based on the assumption that the PTT has facilities available to the user's premises.

TABLE 14A. LEADTIMES FOR EUROPEAN SERVICE (CON.)

C. Additional Leadtimes/NOTES:

The PTT in Italy and Spain are on vacation during the entire month of August; during this time only EMERGENCY requirements will be handled.

NALLA Germany requires 7 calendar days and other NALLAs 14 calendar days for processing of DECCO-Europe circuit demands to PTTs.

NALLA/PTTs normally require formal routing investigation be initiated for high speed data/digital services, as well as for those occasions when a large number of circuits are requested to the same location, or circuits are requested to a new location. Leadtime in these instances will be on a case-by-case basis.

DISA-Europe requires 21 calendar days for processing start/rehome/change TSOs and 12 calendar days for disconnect TSOs.

DECCO-Europe requires 2 calendar days for processing TSOs and preparation of circuit demands to NALLAs.

The competitive leasing concept now in effect in the United Kingdom requires a leadtime of 15 days to process the TSO, issue requests for proposal, evaluate the offer, and issue a circuit demand. This leadtime is subject to vendor requests for extensions.

TABLE 14B. LEADTIMES FOR PACIFIC SERVICE

JAPAN/OKINAWA	Leadtime
	Total (CALENDAR DAYS)
M1040	54
M1020	69
Digital (64KB-768KB)	113
Digital (1.6MB-6MB)	203
KOREA	
M1040	72
M1020	72
Digital	86

PACIFIC SERVICE PROCESSING AND PROVISIONING WORKSHEET

PACIFIC
LEADTIME
TOTAL

VENDOR

AFTCO NWP

A & E

JAPAN/OKINAWA

M1040	7	2	45	54
M1020	7	2	60	69
Digital (64KB-768KB)	21	2	90	113
Digital (1.6MB-6MB)	21	2	180	203

PACIFIC
LEADTIME
TOTAL

VENDOR

1ST SIG BDE

A & E

KOREA

M1040	7	5	60	72
M1020	7	5	60	72
Digital	21	5	60	86

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DEFENSE INFORMATION SYSTEM NETWORK (DISN)
SERVICE PROVISIONING PROCEDURES (Phase II)

1. General.

a. The term "service provisioning", in support of DISN, is defined as the identification and validation/certification of customer service requirements, the determination of appropriate solutions to these requirements, the allocation and acquisition of transmission and information system resources to meet these requirements, and implementation of all actions needed to satisfy these requirements end-to-end.

b. Service provisioning for DISN will evolve from the existing Request for Service/Telecommunications Service Request/Telecommunications Service Order (RFS/TSR/TSO) process to an improved provisioning function supported by enhanced procedures and automation tools under the management of the respective Level II Network Management Centers (NMC's). The DISA Telecommunications Management Program (TMP) program office has acquired a Telecommunications Management System (TMS) database for DISN (TMS-D) that is currently being used by the Level I Customer Support and Level II Customer Assistance personnel. TMS-D is being populated with circuit and user data from each of the DISN Tier 1 networks, and enhancements have been identified in order to provide the capability to perform the DISN service provisioning function. These actions are expected to be completed by the end of FY93. Supplement 12 only addresses DISN service provisioning using existing TSR procedures. As the TMP program office completes TMS-D enhancements, revised DISN service provisioning policies and procedures will be promulgated to support the TMS capabilities.

c. The Telecommunications Certification Office (TCO) requesting telecommunications service should not specify the solution of how to provide the requested service. The TCO should submit a TSR based upon the user's requirement and the appropriate DISA activity will determine the solution in coordination with the TCO.

d. The flow of TSR's under DISN service provisioning procedures (as depicted in figure 27), is similar to procedures outlined in the basic DISAC 310-130-1 for other DCS service. However, a difference is the DISA Allocation and Engineering (A&E) activity will coordinate with the Level II NMC's in order to provision service onto DISN. Requests for bandwidth allocation, that do not require some special acquisition (e.g., leased tail segments and/or additional equipment), will be satisfied within 10 working days upon receipt of a TSR by the appropriate DISA A&E activity. (NOTE: National Security/Emergency Preparedness (NS/EP) and/or special service requirements (e.g.,

Presidential support) will be expedited.)

e. DISN provisioning procedures consist of five major steps: (1) Submission of the RFS/TSR; (2) Order and Tracking; (3) Procurement; (4) Service Allocation; and (5) Installation, Test and Acceptance (IT&A). Each step is described in the following paragraphs.

2. Request for Service/Telecommunications Service Request (RFS)/(TSR).

a. The user must submit a validated RFS, identifying their service requirement, to their supporting TCO in accordance with service/agency procedures. The TCO will assist the user to define all aspects of the requirement and determine the complexity of the requirement. The TCO, if necessary, will contact the appropriate DISA A&E, Level II NMC, or DISA Level I Customer Support Organization to obtain information before submitting an actual service request, in order to determine the viability, complexity, availability, cost, etc. Any pre-TSR coordination must be included as a reference in the TSR, and cited in TSR item 401 (if a DISN tracking number is not assigned). If the requirement is determined to be complex, the TCO will forward the requirement to the DISA Level I Customer Support Organization. Non-complex requirements will be worked through the appropriate DISA A&E activity (e.g., Hq DISA, TMSO, DISA-EUR, DISA-PAC). Once the DISN 1-800 number is operational, all TCO's will be able to call this number and be provided appropriate assistance.

b. Each service/agency TCO should review all existing and planned service requirements to determine if there are similar requirements that can be provisioned simultaneously as a "project". This determination should be made when existing services are reawarded, during the review and revalidation process, or whenever leased services are being transitioned to DISN. These types of requirements are usually non-complex, and as such, should be submitted as a consolidated package to the appropriate DISA A&E activity prior to TSR submission. Complex projects should be submitted as discussed in paragraph 2.a. Once a TSR is prepared, the project name should be identified in TSR item 415B. If the consolidated package is part of an existing system (e.g., DDN), the system acronym/name must be identified in TSR item 353.

c. When the TCO is transitioning existing leased service to DISN, the following procedures must be followed:

The TCO will submit a "Change" TSR, action to the appropriate DISA A&E activity and "MGR NCS-TSP Washington DC" (if a new Telecommunications Service Priority (TSP) assignment, or continued use of an existing TSP restoration priority (RP), is

desired). The TSR should request (in item 401) that the existing commercially leased service be routed over DISN (and a new TSP assignment be made, if applicable). The CCSD of the existing service must be included in the TSR. Also the change TSR will contain all of the "required" TSR items identified in attachment 2 to this supplement (except item 102 will remain blank) plus applicable "optional" TSR items 111, 115, 119, 126-128, 404, 405, 410, 416-418, 441, 442, 444, and 514. If the existing service has a TSP RP assignment which will be continued, enter "B" in item 521, include other required TSR TSP data for the new service (items 525, 526A, B, and C), and in item 529 enter the following: "DISN Conversion. Revoke existing TSP Authorization Number TSPXXXXXX-0X (fill in) and assign a new one."

d. After the funding is validated, the TCO will prepare a TSR in accordance with procedures discussed in the basic DISAC 310-130-1 and applicable supplements. As discussed above, when necessary, the TCO will coordinate the service requirement with the DISA A&E activity, DISA Level I Customer Support Organization, and/or the appropriate Level II NMC to evaluate the requirement, assess available options, and obtain an approximate cost for the service requirement before submitting the TSR. If the TCO has previously coordinated with a DISA activity, the TCO should reference the coordination in the TSR or identify the DISN tracking number (if assigned) in TSR item 352.

e. With the evolution of router capabilities, many of today's data requirements can be met utilizing router technology which makes more efficient use of transmission bandwidth. Refer to attachment 1 of this supplement for an explanation of router services, protocols, and technical requirements. When connectivity to the DISN router network is anticipated, the TCO must call (1-800-554-DISN) the Columbus Level II NMC for pre-TSR coordination to determine if connectivity to the DISN router network is viable. If this coordination results in router service being selected as the solution to the TCO's requirement, the Level II NMC will provide the appropriate technical router information which is to be included in the TSR.

f. The TSR will be forwarded to the appropriate DISA A&E activity and to the NCS if a TSP is requested.

3. Order and Tracking.

a. Upon receipt of a TSR, the DISA A&E activity will log the requirement and determine a DISN or non-DISN solution (unless a DISN solution has been pre-determined), in coordination with the Level II NMC's. Upon receipt of a service request from the DISA A&E activity, the Level II NMC's will assess the network capabilities, and advise the DISA A&E activity (within 3 working days) as to whether or not the service can be provided. If service can be provided, the Level II NMC may require up to 21

calendar days to complete their portion of the provisioning process and provide the appropriate DISA A&E activity the specific network information required to complete the TSO. Coordination with the Level II NMC's will be accomplished using the DISN bulletin board (tiny host) until TMS-D is operational. (NOTE: All leadtimes discussed in this paragraph are for routine service only. NS/EP and/or special service requirements (e.g., Presidential support) will be expedited. Also, requests for bandwidth changes will be processed as discussed in paragraph 1.d.).

(1) If tail segments are required, the Level II NMC's will advise the DISA A&E activity and provide the appropriate network interface information.

(2) If transmission multiplexer gateways are required, the DISA A&E activity will advise the appropriate Level II NMC's which gateways to use for provisioning service across DISN networks and request that a particular Level II NMC take the lead to coordinate the gateway connection. The Columbus Level II NMC retains operational and provisioning control over the transmission multiplexer gateways.

b. The DISA A&E activity will forward all requirements that specify connectivity to the DISN router network to the Columbus Level II NMC (using the bulletin board (tiny host) connection until TMS-D is operational). For data requirements that do not specify connectivity to the DISN router network, the DISA A&E activity may choose (based on type of service requested) to coordinate and/or transfer the requirement to the Columbus Level II NMC for determining if connectivity to the DISN router network is the best solution. If the requirement is transferred to the Columbus Level II NMC, they must inform the appropriate DISA A&E activity within 3 working days (after receipt of the requirement) whether the requirement can be provided by the DISN router network or by dedicated point-to-point service on DISN.

(1) If the Columbus Level II NMC advises the DISA A&E activity that the requirement cannot be provided by the DISN router network or by a dedicated point-to-point solution, the DISA A&E activity will continue to process the TSR/TSO (as discussed in paragraph 3.a.) to determine another possible DISN solution.

(2) If the requirement can be provided by the DISN router network, the Columbus Level II NMC will coordinate the solution and provide the appropriate DISA A&E activity the information necessary to process the TSO. The Columbus Level II NMC is responsible for coordinating with the TCO to determine protocols, services, interfaces, etc. that will be required if this information is not contained in the TSR that was originally submitted by the TCO.

(3) The Columbus Level II NMC is responsible for determining tail segment and backbone requirements necessary to support a DISN router requirement. The Columbus Level II NMC, in coordination with the TCO, must determine if a GFE or leased tail segment is required to access the DISN router. If leased tail segment(s) are required, the Columbus Level II NMC will advise the appropriate DISA A&E activity who will take the necessary actions to request DECCO obtain leased service. Once the Columbus Level II NMC provides the necessary information for DISN router service, the appropriate DISA A&E activity will continue to process the TSO in accordance with existing DISA procedures. The DISA A&E activity will ensure that the Level II NMC's are an addressee on all DISN TSO's.

c. Non-DISN services will be provisioned by the DISA A&E activity in accordance with established DISA procedures.

d. DISN networks (e.g., AFNET, NAVNET, DCN, MCDN) are not authorized to expand the DISN backbone without specific approval from the DISN Program Management Office (PMO), DISA Code DISS.

(1) If expansion of the DISN backbone is required, the activity requesting the expansion (e.g., DISA A&E activity, Level II NMC's, Center for Engineering (CFE), DISA Level I Customer Support Organization, or Service/Agency TCO's), will coordinate those requirements with the DISN PMO (DISA/DISS) to obtain approval or disapproval. The DISN PMO is responsible for notifying the requesting activity within 10 working days of approval/disapproval. For the remainder of FY93, the DISN PMO must determine how the backbone will be funded (e.g., DISN or service/agency funds). The DISN PMO will coordinate with the DISA comptroller and DISA TCO to authorize a DISN PDC if the backbone is to be funded from DISN funds.

(2) If the backbone expansion is approved by the DISN PMO, they will ensure that a RFS (to include PDC) is submitted within 3 working days to the DISA TCO (DISA Code DOCT) to acquire the service.

(3) The DISN PMO will determine the DISN expansion required and advise the requesting activity, who will coordinate with the TCO, to determine if the required leadtime involved with the expansion is acceptable to the user. If it is not acceptable, the TCO can instruct the DISA A&E activity to proceed with normal (non-DISN) leasing action in order to satisfy the requirement.

(4) If the backbone expansion is disapproved by the DISN PMO, they will advise the appropriate DISA A&E activity to lease the service which would have caused the expansion.

e. Once all requirements and solutions have been determined, either through DISN or non-DISN, the DISA A&E activity will issue a TSO within 3 working days, authorizing implementation of the required service, and to update the World Wide On-line System (WWOLS) database for identification and tracking purposes.

(NOTE: Once TMS-D is able to accommodate all of the information required to provision, operate, and manage DISN, the WWOLS would no longer reflect DISN data.) In addition to the Level II NMC (and other TSR addressees), the TSO will include the following action addressees:

(1) DECCO/RRB (to establish the Summary CSA for billing the customer for DISN backbone service).

(2) The applicable DECCO acquisition office (e.g., RPCP) if new/revised commercial tail segments/equipment are required.

4. Procurement.

a. Commercial procurement requirements will be acquired by DECCO in accordance with applicable procurement policies and procedures.

b. When the TCO is transitioning existing leased service to DISN, the following DECCO procedures will be followed:

(1) If the existing leased service is awarded to a new contractor(s), DECCO will assign a new Communications Service Authorization (CSA) number(s). The new contract information will be issued via the Status of Acquisition Message (SAM). Upon receipt of the In-Effect Report, DECCO will issue the discontinue order. If a Completion Report (e.g., in-effect, exception) for the reroute of the existing service over DISN is not received within 72 hours after the contracted service date, DECCO will use the new contractor's Completion Notice or equivalent documentation as authority to order the existing service to be discontinued. A SAM will be issued, by DECCO, notifying all agencies identified on the TSR/TSO of the order to discontinue the existing service. The appropriate DISA A&E activity may use the SAM, in place of the In-Effect Report, to update their data base.

(2) If the existing leased service is awarded to the incumbent contractor using the same facilities and commercial circuit number, DECCO will continue to use the existing contract (CSA) number. DECCO will issue a SAM providing the new contract information. An In-Effect Report is not required. The appropriate DISA A&E activity will use the SAM, in place of the In-Effect Report, to update their data base.

(3) If the existing leased service is awarded to the

incumbent contractor using different facilities or using a different commercial circuit number(s), DECCO will assign a new CSA SAM. Upon receipt of the In-Effect Report, DECCO will issue the discontinue order(s) to the contractor. If a Completion Report (e.g., in-effect, exception) for the reroute of the existing service over DISN is not received within 72 duty hours after the contracted service date, DECCO will use the contractor's Completion Notice or equivalent documentation as authority to order the existing service to be discontinued. A SAM will be issued, by DECCO, notifying all agencies identified on the TSR/TSO of the order to discontinue the existing service. The appropriate DISA A&E activity may use the SAM, in place of the In-Effect Report, to update their data base.

5. Service Allocation. No later than 5 working days prior to the established service date, the appropriate Level II NMC will complete all actions (e.g., allocate bandwidth, ports, etc. for the transmission level) necessary to activate service. DECCO will begin billing the customer for bandwidth as of the original service date, unless the service date has been delayed or amended in accordance with the basic circular.

6. Installation, Test, and Acceptance (IT&A).

a. After bandwidth and port assignments have been allocated, the appropriate Level II NMC will ensure that all installation, test, and acceptance actions are initiated and completed.

b. The Communications Control Office/Communications Management Office (CCO/CMO) will notify the appropriate Level II NMC when the tail segments are ready for acceptance testing. The Level II NMC will coordinate with the appropriate activity for: (1) physical installation of DISN circuits and equipment and (2) performing end-to-end testing to ensure established performance standards are satisfactorily met. The CCO/CMO will coordinate with the commercial vendor and/or GFE provider for installation and/or trouble shooting of all circuits and equipment.

c. When all IT&A actions are satisfied (e.g., circuit and/or equipment performance meets standards), the CCO/CMO (in coordination with the customer) will submit the completion report to the DISA A&E activity with information copies to all TSO addressees. The Level II NMC may perform this function if previous agreements have been made between the Level II NMC and CCO. After acceptance of service by the customer, the Level II NMC will assume responsibility for the circuit/equipment to include resolving customer trouble calls.

d. The appropriate Level II NMC will be the CCO for all DISN backbone circuits.

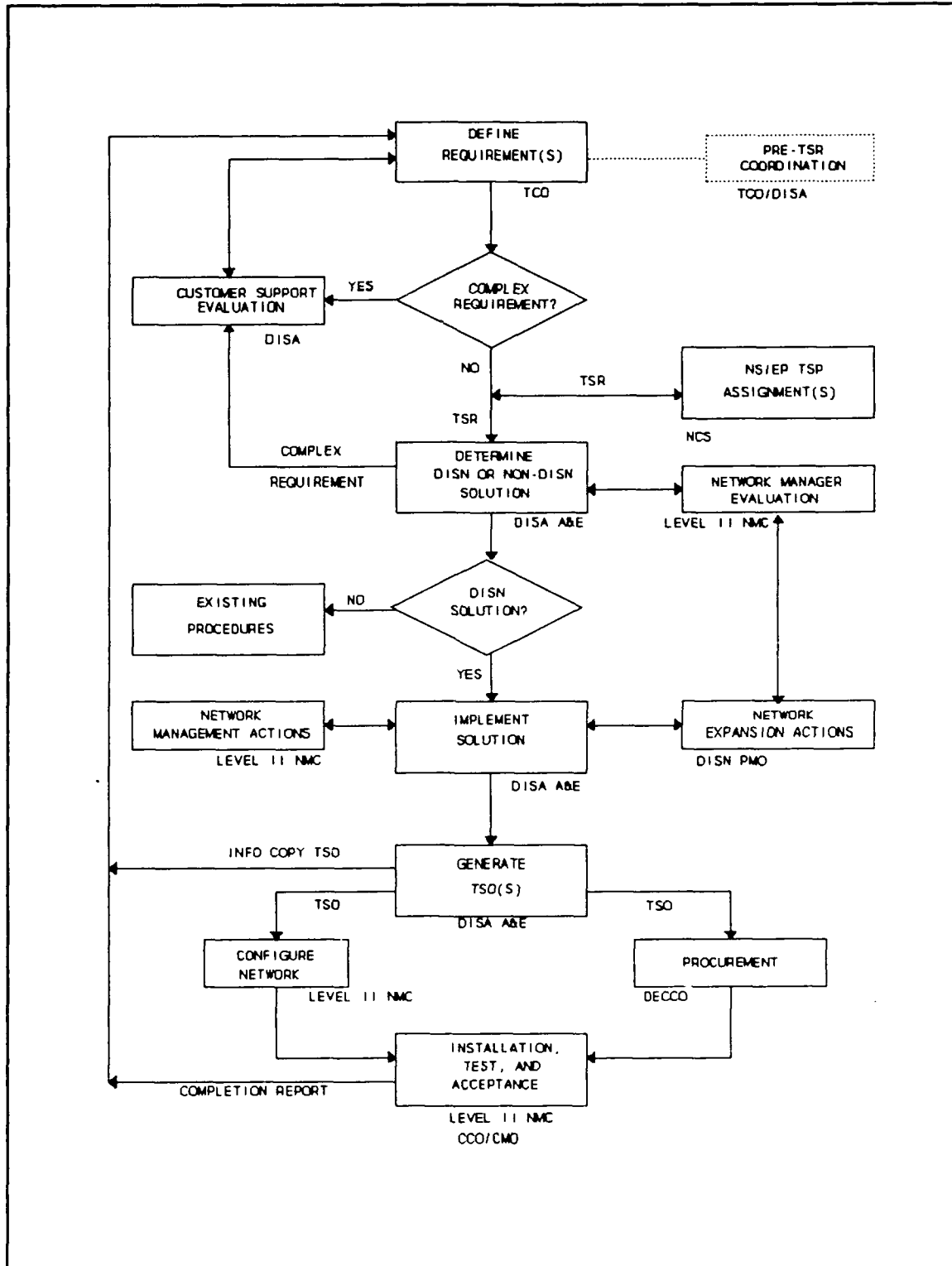


Figure 27. FLOW OF DISN REQUIREMENTS.

DISN ROUTER INFORMATION

The Columbus Level II Network Management Center (NMC) has network management responsibility for the DISN router network. Columbus currently provides network management for the former Defense Logistic Agency Corporate Network (DCN) router network and has assumed network management for the DDN Pilot Internet router network. Columbus will assume network management responsibility for other service/agency Point of Presence (POP) routers as they are integrated into DISN. Routers can generally be categorized as premise routers, POP-routers, and spine-routers. Premise routers are located at the user site, POP-routers are the first layer of the DISN backbone and are the layer the premise routers will connect to, and spine-routers are an inter-backbone layer, connecting the POP. Before the service/agency routers were identified for integration into DISN, each service/agency provisioned and maintained complete control of their routers. Those service/agency routers selected to be integrated into the DISN backbone will be linked together.

1. Router service is appropriate when:

- a. The requirement is to satisfy a large number of aggregated user requirements interconnected by a LAN.
- b. The requirement is for transmission of data of a bursty nature such as electronic mail, occasional file transfer, remote log-ins, and database queries.
- c. The requirement specifies connectivity to a variety of systems/databases spread over many geographical locations.
- d. The requirement is for a Class C LAN (less than 254 devices), but both b and c above apply.

2. Router service is probably not appropriate when:

- a. The requirement is for data traffic that is only sustained bulk transfer over a long periods of time. A physical path through a multiplexer is probably more appropriate.
- b. The requirement requires connectivity to only one remote system.

3. DISN POP-router services. TCO's should understand their user's requirements and have a general understanding of what DISN POP-router services are available. The following description of services is provided as a guideline for TCO's.

- a. The DISN POP-router will provide long-haul routing of the

standard Internet Protocol (IP) and the GOSIP-specified OSI Connectionless Network Protocol (CLNS). No other network protocols will be routed by the DISN in native mode.

b. Vendor-unique, proprietary protocols will have to be converted to (or encapsulated in) the DoD or GOSIP standard internet prior to transmission to the premise router. TCO's are reminded that any time protocol conversion or encapsulation takes place, both the user's site and the destination site must be capable of the same protocol conversion or encapsulation.

4. Premise router capabilities.

a. Protocols. Routers provide organizations with the flexibility to communicate with diverse hardware and software from many vendors. Routers can forward packets from any of the following networking protocols:

(1) TCP/IP, which is the most widely implemented protocol suite on networks of all media types. TCP/IP is the standard for internetworking, and is supported by most computer vendors, including UNIX-based workstation manufacturers.

(2) CLNS, which is the GOSIP-specified OSI Connectionless Network Protocol.

b. Interfaces. Routers support any of the following interfaces:

(1) FDDI standard Media Interface Connector (MIC)

(2) 15-pin Ethernet connectors

(3) 9-pin (DE-9) Token Ring connectors

(4) Synchronous Serial (up to 4 Mbps)

(5) 25-pin RS232C D connectors

(6) V.35 connectors

(7) RS449 connectors

(8) RJ45 connectors

(9) A limited number of Ethernet, RJ45, token ring and FDDI connections which are available directly on a POP-router.

5. Technical requirements.

a. TCO's must be aware of, and familiar with, existing IP addressing used by the end-user.

b. The preferred method of connectivity to the POP-router network is via a user premise router. Limited, direct Ethernet connections are available.

c. Because TCP/IP and CLNS are the only protocols supported across the POP-router network, all other non-standard protocols must be encapsulated or converted before transmission to the premise router.

d. When the user's LAN interfaces with a WAN other than the DISN, and this connection will remain in place after integration onto the DISN POP-router network, IP address information, routing protocols, points-of-contact (POC) and other pertinent technical information will be provided to the Columbus Level II NMC during the pre-TSR coordination. The POC identified must be able/capable of identifying technical information and authorized to support/coordinate with the Level II NMC at Columbus.

e. Users without premise routers, but who are co-located with a DISN POP-router, may be directly connected to the POP-router. The user's LAN must be within distance limits prescribed by the IEEE 802 standards; however, only 9-pin Ethernet, token ring, RJ45 and FDDI connections are available.

6. When a router solution is provided by the Columbus Level II NMC, the following actions need to be coordinated:

a. When procurement of a new, and/or upgrade to an existing router is necessary, the Columbus Level II NMC will coordinate the appropriate hardware configuration with the TCO/user prior to procurement.

b. The TSR will reflect that the premise router/router components order has been issued.

c. Router management responsibilities:

(1) As a value-added service, the Columbus Level II NMC offers full management services which include initial testing and configuration, on-line 24 hour management and configuration, and maintenance replacement. TCO's/users choosing this option must have the new router shipped from the vendor to Columbus for initial testing and configuration.

(2) TCO's/users choosing to manage their own router will need to provide access of the router configuration software level to the Columbus Level II NMC during the installation and

testing phase. The Columbus Level II NMC will assist the user in configuring the router to DISN network standards. Password access will be relinquished by Columbus after the site becomes operational.

(3) Users who have, or will have, access from their LAN to any WAN other than DISN will be required to have a "firewall router" installed between their router and the DISN entry point. This "firewall router" will be managed solely by the Columbus Level II NMC.

(4) Any determination made by the Columbus Level II NMC that the user has a complex environment, will require the user to install a "firewall router".

DISN SERVICE TSR ITEM SUBMISSION MATRIX
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS		CHANGES		DISCONTINUE CANCEL	COMMENTS
	TEMPORARY DEVELOPMENTAL		AMEND	REHOME		
101 TSR No.	R		R		R	TSR numbers are required on <u>all</u> TSR's.
102 MCS Assigned TSP Auth Code	R*		R*		R*	*If the MCS has assigned a TSP Authorization Code for this service, cite the code in this item.
103 Type Action	R		R		R	
104 Type of Leased Service	R*		R*		O	*Required for leased service.
105 Network Requirements	R*		R*		R*	*Entry must be "DISN Transmission service" or "DISN Router service".
106A Req Operational Svc Date	R		R		R	
106B Req Commercial/GFE Svc Date	R*		R*		R*	*Required for all requirements using leased circuits/equipment and for Government Furnished Equipment (GFE).
107 CCSD/Trunk ID	O*		R		R	*The first four positions of the CCSD may be shown on START/TEMP TSR's.
110 Type Operation	R*		O*			*Applicable to circuits only.
111 Mod Rate/Bandwidth	R*		O*			*Applicable to circuits only. Required only if firm bandwidth/mod rate is known.
112 Svc Avail	R*		R*			*Applicable to circuits only.
113 Callup Auth	R*					*Required for engineered military and on-call circuits only.

DISN SERVICE TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS TEMPORARY DEVELOPMENTAL	CHANGES		DISCONTINUE CANCEL	COMMENTS
		AMEND	REHOME		
114 Temp SVC DISC Date	R*				*Required for temporary service only.
115 Sig Mode	R*	O*			*Entry must be: "No Signaling."
116 CSA No.	R*	R*		R*	*Required for leased service only. Indicate "New Lease" on starts.
117 PDC	R	R		R	
118 Overtime/Expediting Charges	R*	R*			*Required on all TSR's with insufficient leadtime.
119 Special Routing	R*	O*			*Circuit TSR's only. Item 119D entry required on all circuit START/TEMP TSR's.
120_ End User/Mux/Router location	R	R		R	DISA will determine info for router nodal locations.
121_ State/Country Code	R	R		R	DISA will determine info for router nodal locations.
122_ Area Code	R	R		R	DISA will determine info for router nodal locations.
123_ Facility Code	R	R		R	DISA will determine info for router nodal locations.
124_ Address/Directions to Site	R	R		R	DISA will determine info for router nodal locations.
125_ Room Info	R	R		R	DISA will determine info for router nodal locations.
126_ Terminal Equip	R	O			DISA will determine info for router nodal locations.
127_ Cryptoequip	R*	O*			*Indicate "UNSECURE" or "SECURED" in this item.

DISM SERVICE TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REMARKS		CHANGES		DISCONTINUE		COMMENTS
	TEMPORARY DEVELOPMENTAL		AMEND	REHOME		CANCEL	
128_ Interface	R		O				DISA will determine info for router nodal locations.
130_ Contact	R		R			R	DISA will determine info for router nodal locations.
131_ Mail Address	R		R				DISA will determine info for router nodal locations.
132_ Facility Location	R		O*				DISA will determine info for router nodal locations. *Required when transitioning leased service to DISN.
133_ Type media	R		O*				DISA will determine info for router nodal locations. *Required when transitioning leased service to DISN.
134_ Local Designation	R		O*				DISA will determine info for router nodal locations. *Required when transitioning leased service to DISN.
135_ Fac Description	R		O*				DISA will determine info for router nodal locations. *Required when transitioning leased service to DISN.
136_ Optng Agency	R		O*				DISA will determine info for router nodal locations. *Required when transitioning leased service to DISN.
137_ Loss in dbm	R		O*				DISA will determine info for router nodal locations. *Required when transitioning leased service to DISN.
138_ Other Nations Ckt No.	O		O				

DISM SERVICE TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

139_ NPA/NXX	STARTS/REWARDS		CHANGES		DISCONTINUE	COMMENTS
	TEMPORARY DEVELOPMENTAL		AMEND	REHOME	CANCEL	
	R*		O**			*Required only for U.S. circuit requirements. **Required for U.S. circuit relocations only. (DISA will determine info for router nodal locations.)
140_ Unit ID	O		O			*Applicable to permanent leased ALLA (NATO) circuits only. Mandatory for international circuits leased from the PTIs, and may also be applied to international circuits formed partly of military and PTT Sections. This includes international circuits that originate in CONUS. NOT REQUIRED for circuits transverseing DCS facilities into NATO countries or for temporary circuits.
152 CUC	R*		O*			
352 URDB ID/DISM Tracking Number	R		R		R	
353 Sys Acronym Name	R		O		O	
357 Host IFC Eqpt/ DISM software protocol	R*		O			*Type of protocol must be identified in this item. DISM software protocol only applies to router service.
363 DDN/DISM Subscriber Crypto Acct No.	R*		O*		O*	*Required only if COMSEC material is used.
364 DDN/DISM Subscriber Crypto Acct Custodian & Telephone No.	R*		O*		O*	*Required only if COMSEC material is used.

DISN SERVICE TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS		CHANGES		DISCONTINUE		COMMENTS
	TEMPORARY DEVELOPMENTAL		AMEND	REHOME		CANCEL	
365 DDN/DISN Subscriber Crypto Acct Custodian & Mailing Address	R*		O*		O*		*Required only if COMSEC material is used.
366 DDN/DISN Subscriber Crypto Acct Custodian & MSG PLA	R*		O*		O*		*Required only if COMSEC material is used.
401 Purpose	R		R		R		
402 TCO Contact	R		R		R		
404_ Unique Instal Factor	O		O				
405 Warner Exempt	R*		O*				*Required on all new TSR's requiring procurement action by DECCO. Also required if the original "Warner" declaration is changing as a result of a change/amend/rehome action.
406 Other Than Full and Open Competition	O*		O*				*May be required for certain TSR's. See chap 2, par 2L.
407_ DECCO Acquired Equipment	R*		R*				*Required when DECCO must acquire equipment.
408 Objection to Satellite Svc	R*		R*				*Required if item 1190 indicates "Satellite".
409 CCO/CMO to accept service	R*		R*		O		*DISA normally designates the CCO/CMO based on circuit routing. However, the TCO may recommend a CCO/CMO.
410_ Demarc Pt	R		O				
411 Security Rqmts	R*		R*		R*		*Required when security requirements apply.

DISN SERVICE TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS		CHANGES		DISCONTINUE		COMMENTS
	TEMPORARY	DEVELOPMENTAL	AMEND	REHOME	CANCEL		
413 O/S Ship Instr	O			O			
414 Connection Approval	O*			O*			*May be required for certain TSR's requesting service in areas 3, 4, 5, or 6. See chap 1, par 4f.
415A DISA Control No.	R*			R*			*Required for exercise support only.
415B Exercise/Project Name	R*			R*			*Required for exercise support only and when the DISM service is part of a "project".
416 Cost Threshold/DISM EST Cost	O			O			
417 Remarks	O			O	O		
418 DO 1368 Sub Agcy	O			O			
422 Transmission Media	O			O			
423 24-HR On-Call European Maint Svc	O			O			
424 ALLA No. and CRP				O	O		Applicable to European circuits only.
425 Simultaneous TSR Action	O			O	O		
426 Bit Error Rate	O			O			
427 Equipment Lease or Purchase Opt	R*			O*			*Required only for the lease or purchase of equipment.
429 Circuit Specifications	R			O			

DISA 310-130-1
Supplement 12
Attachment 2

DISM SERVICE TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS		CHANGES		DISCONTINUE CANCEL	COMMENTS
	TEMPORARY DEVELOPMENTAL		AMEND	REHOME		
430 Est Svc Life	R*					*Required for all new start requests for leased service, facilities, or equipment to be acquired by DECCO.
431 Class of Svc	R*		O			*Entry will always be "D".
437 Inside wire installation/maintenance	R*		R*			*Required on all start and applicable change TSR's which request leased circuits within the U.S.
438 Assoc Leased Equipment	R*		R*		R*	*Required on all equipment requirements submitted to DECCO.
440 Commercial Access	R*		R*			*Required on all start/change TSR's for Leased U.S. Interstate Private Line Service.
441 Leased VS Buy Analysis	R*		O*			*Required on all requests for the acquisition of equipment.
442 Equipment Maint	O		O			
443 Access to Proprietary or Source Selection Information	R*		R*			*Required on each TSR where the procurement contract value will exceed \$100,000.
444 Jurisdictional Classification	R*		O*			*Required for service leased within the U. S. and U. S. territories and possessions. For changes/amends/rehomes, only required if modification will result in a different percentage of interstate use. Entry will always be "Interstate use, 100 percent".

DISN SERVICE TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS		CHANGES		DISCONTINUE	COMMENTS
	TEMPORARY DEVELOPMENTAL		AMEND	REHOME		
510 Fund TCO Approval	O		O			
514 RFS No.	O		O		O	
NOTE: TSR items 521-531 must be completed (unless otherwise noted) when requesting a new TSP assignment or changing, revoking, or revalidating an existing TSP assignment. These items are not required for "Developmental" TSR's.						
521 Action Requested	R*		R*		R*	*Required for TSP service only.
525 Service Profile	R*		R*			*Required for TSP service only.
526A TSP RP Sub-Category	R*		R*			*Required only if requesting a TSP RP.
526B TSP RP Criteria	R*		R*			*Required only if requesting a TSP RP.
526C TSP RP	R*		R*			*Required only if requesting a TSP RP.
527A Provisioning Priority Subcategory	R*		R*			*Required only if requesting a TSP provisioning priority.
527B Provisioning Priority Criteria	R*		R*			*Required only if requesting a TSP provisioning priority.
527C Provisioning Priority Requested	R*		R*			*Required only if requesting a TSP provisioning priority.
527D Invocation Official's Name	R*		R*			*Required only if requesting a TSP provisioning priority.
527E Invocation Official's Title	R*		R*			*Required only if requesting a TSP provisioning priority.

DISN SERVICE TSR ITEM SUBMISSION MATRIX (CON)
(Item required = R; item optional = O; not required = BLANK)

	STARTS/REWARDS		CHANGES		DISCONTINUE		COMMENTS
	TEMPORARY	DEVELOPMENTAL	AMEND	REHOME		CANCEL	
527F Invocation Official's Telephone no.	R*			R*			*Required only if requesting a TSP provisioning priority.
527G Invocation Official's Authorization	R*			R*			*Required only if requesting a TSP provisioning priority.
527I Prime Vendor POC	R*			R*			*Required only if requesting a TSP provisioning priority.
527J Order in Progress	R*			R*			*Required only if requesting a TSP provisioning priority.
528A Service User 24-hour POC Title	R*			R*			*Required only if requesting a TSP provisioning priority.
528B Service User 24-hour POC Daytime Telephone No.	R*			R*			*Required only if requesting a TSP provisioning priority.
528C Service User 24-hour POC Off-hours Telephone No.	R*			R*			*Required only if requesting a TSP provisioning priority.
529 Supplemental Info	R*			R*			*See chap 3, item 529 for required uses of this item.
531 TSP ID	R*			R*		R*	*Required for all TSP service.