DEFENSE INFORMATION SYSTEMS AGENCY
701 S. COURTHOUSE ROAD
ARLINGTON, VIRGINIA 22204-2199

DISAC 310-130-1*

4 April 2000

Latest changes made 08 October 2002

COMMUNICATIONS REQUIREMENTS

Submission of Telecommunications Service Requests

1. **Purpose.** This Circular prescribes instructions for the preparation and submission of Telecommunications Service Requests (TSRs) in support of the departments, agencies, and offices of the Department of Defense (DOD) and other U.S. Government agencies authorized by the Secretary of Defense to contract for service through the Defense Information Systems Agency (DISA).

2. **Applicability.** This Circular applies to all DOD and non-DOD departments, agencies, commands, and offices having authorized requirements for Defense Information InfrastructureGlobal Information Grid (GIGGIG) (formerly named Defense Information Infrastructure (DII)) services or for other services that are acquired by DISA, to include the Defense Information Technology Contracting Organization (DITCO).

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**.

4.1 DOD Instruction 4640.14, Base and Long-Haul Telecommunications Equipment and Services, 6 December 1991.

4.2 ASD/C3I Memorandum, Policy Clarification Letter - Long-Haul and Regional Telecommunications Systems and Services for the Department of Defense (DOD), 5 May 1997.

4.3 DISA-EUR Circular 310-140-2, Connection Approval Procedures, 1 July 1989.

4.4 DISA-DITCO Circular 350-135-1, Defense Commercial Communications Acquisition Procedures, 12 February 1996.

4.5 NCS Directive 3-1, Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NS/EP), 5 July 1990.

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

4.7 DISA Circular 310-130-4, Defense Users Guide to the Telecommunications Service Priority (TSP) System, 8 September 1997.

4.8 DISA Circular 300-175-9, GIG Operating-Maintenance Electrical Performance Standards, 8 June 1998.

4.9 DISA Circular 310-50-6, DCS Orderwires, 13 November 1980.

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

4.11 Joint Pub 2, Unified Action Armed Forces (UNAAF), 24 February 1995.

*4.12 DISA Circular 310-D70-30, Defense Information Infrastructure*Defense Information Infrastructure(DII)Defense Message System Transition Hub (DTH) and Subscriber Operations, 21 April 2001.

4.13 DISA Instruction 630-225-2, Management and Control of Information Requirements Management, 30 June 198713 December 2000.

4.14 DISA Circular 310-65-1, Circuit and Trunk File Data Elements and Codes Manual of the Global Information Grid (GIG), 25 April 2002.

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

4.16 CJCS Instruction 6215.01, Policy for the Defense Switched Network Service, 1 February 1995.

4.17 Allied Communication Publication (ACP) 121 Series, Communications Instructions, General, 15 April 1983, US Supplement 1, 1 June 1981.

4.18 Defense Intelligence Agency Operating Instruction (DOI) 103, Defense Special Security Communications System (DSSCS) Operating Instructions System/Data Procedures, 3 September 1991.

4.19 DISA OPLAN 1-95, Worldwide AUTODIN Restoral Plan, October 1995. (OPR: D3)

4.20 DISA Circular 310-70-1, GIGDII Technical Control, 25 June 1998.

4.21 DOD 5220.22-R, Industrial Security Regulation, December 1985.

4.22 CJCS Instruction 5721.01A, The Defense Message System and Associated Message Processing Systems, 1 May 1999.

4.23 CJCS Instruction 6740.01, Military Telecommunications Agreements and Arrangements Between the United States and Regional Defense Organizations or Friendly ForeignNations, 18 September 1996.

4.24 DISA Instruction 100-50-5, International Agreements, 21 November 1997.

4.25 DISA Circular 310-225-1, DSN Users Services Guide, 2 April 1998.

4.26 DISA Circular 310-70-78, DSN Phase I Systems Management Guide, 24 February 1998.

4.27 Allied Communication Publication (ACP) 117 Series, Allied Routing Indicator (RI) Book Basic, 10 July 1998; Canadian-US Supplement 1, 17 March 1993; and US Supplement 4, 30 August 1993.

4.284.28 CJCS Instruction 6250.01(v3), Satellite Communications, 22 October 1998.

4.29 ASD/C3I Memorandum, Global Information Grid, 22 September 1999.

5. **Definitions.** Definitions immediately follow the table of contents. Additional terms and definitions are contained in FED-STD-1037C, Glossary of Telecommunication Terms, 7 August 1996.

6. **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 GIG service) from submission date of the TSR.

7. **Operation Considerations.** DOD GIGGIG/Defense Information System Network (DISN) services 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.

FOR THE DIRECTOR:

PAUL T. HAUSER
Captain, USN
Chief of Staff

SUMMARY OF SIGNIFICANT CHANGES. This revision incorporates information previously disseminated by interim message changes 1-1 through 8-1 and errata sheets. References to the following terms included in the previous version were changed: DCS (Defense Communications System) to DII (Defense Information Infrastructure), DBOF (Defense Business Operating Fund) to DWCF (Defense Working Capital Fund), and DECCO (Defense Commercial Communications Office) to DITCO (Defense Information Technology Contracting Organization). References to DISA Allocation and Engineering (A&E) were changed to either DISA Action Agency or DISA-DSC (DISA-DISN Service Center) as applicable. References to NCS/DISANOC/DISANOC (DISA Network Operations Center) were changed to GNOSC (Global Network Operations Security Center) and references to ACOCs (Area Control Operations Centers) were changed to RNOSCs (Regional Network Operations Security Centers). References to DPIC, AUTOVON, AUTOSEVOCOM, DDN, and DCTN were removed.

CHANGE 1: (20 June 2001) This revision incorporates information previously disseminated by interim message changes 9-1 through 11-1, corrects numerous TCO Codes, changes DII Area 6 and 9 DISA Provisioning Activity responsibilities, adds information concerning Enhanced Mobile Satellite Services (EMSS), and makes several administrative changes. The original reference 4.8, Federal Property Management Regulation (FPMR), 8 August 1996 was deleted and all remaining references were moved up one and renumbered throughout the Circular. Tables T4.3A, T4.3B, T4.4, T4.4A, T4.4B have been added and updated. Any parts of this Circular not changed will have a 4 April 2000 date at the end of the file.

CHANGE 2: (8 October 2002) This revision changes the term "Defense Information Infrastructure (DII)" to "Global Information Grid (GIG)", updates the "Glossary of Terms", replaces all information associated with the former AUTODIN system with guidance about the Defense Messaging System (DMS), and makes several administrative changes.

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*This Circular cancels DISAC 310-130-1, 23 January 1992.
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DISTRIBUTION: W

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DEFINITIONS

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

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.

Asynchronous Transfer Mode (ATM). A data transfer mode in which a multiplexing technique for fast packet switching in Consultative Committee for International Telephone and Telegraph (CCITT) broadband Integrated Services Digital Network (ISDN) is used. This technique inserts information in small, fixed-sized cells (32-120 octets) that are multiplexed and switched in a slotted operation, based upon header content, over a virtual circuit established immediately upon a request for service.

Callup Authority. User, DIIGIG 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.

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

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

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

Communications Control Office (CCO). A CCO exercises direct technical supervision over assigned GIG trunks and circuits. A CCO must have the capability to test and monitor the trunk or circuit, ascertain that the trunk or circuit meets specified technical parameters, direct necessary adjustments, assess operational status, and perform other such functions required to establish and maintain high quality, user-to-user communications. These capabilities may be either automated or manual. All other facilities that the trunk or circuit traverses must respond to the technical direction of the CCO. The CCO is responsible for initially activating the trunk or circuit, accepting leased service on behalf of the U.S. Government, and submit appropriate completion reports required by the service order issuing authority. The CCO is responsible for coordinating all realignment when necessary to maintain the end-to-end engineered values stated in the service order. A CCO is assigned to every circuit/trunk when possible, for the life of the circuit/trunk. A CCO is designation in the service order and will receive copies of subsequent orders issued on the circuit.

Communications Management Office (CMO). A CMO is a facility or office that is assigned administrative responsibility for GIG trunks and circuits when it is not possible to assign a GIG facility as the CCO. The CMO serves as the focal point for day-to-day monitoring of service performance, accepts service on behalf of the U.S. Government, and submits applicable completion reports. The CMO is responsible for the same basic functions as a CCO with the exception of actual monitoring, testing and troubleshooting. If any form of monitoring and testing capabilities do exist, the CMO must make every effort to assist when necessary.

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.

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.

Data Transmission Network (DTN). A DIIGIG 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 DIIGIG *area 3, 4, or 5,* or 6 is DISA-EUR.

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

Defense Information System Network (DISN). A sub-element of the Defense Information Infrastructure Global Information Grid (DIIGIG), the DISN is the DOD's consolidated worldwide enterprise-level telecommunications infrastructure that provides the end-to-end information transfer network for supporting military operations. It is transparent to its users, facilitates the management of information resources, and is responsive to national security and defense needs under all conditions in the most efficient manner.

DISN Switched/Bandwidth Manager Services-CONUS (DS/BMS-C). MCI Worldcom was awarded this contract in 28 August 1996. It is a fixed price, Indefinite Delivery/Indefinite Quantity (ID/IQ) contract with a three-year base period and six one-year renewal options. The DS/BMS-C will provide within the continental United States (CONUS) the switched circuit/voice and bandwidth manager service elements of the DISN. The DISN will allow warfighters to "reach back" and use the capabilities of the Global Information Grid (GIG) from any deployed location as well as supporting daily Department operational requirements. The purpose of the DS/BMS-C contract is to provide and manage transmission bandwidth managers at selected locations within CONUS that form the long-haul backbone of the DISN transport layer. These nodal points will concentrate information from within its serviced access area and transmit that information over the DISN CONUS SONET-based backbone to its terminating node. Both

the SONET-based backbone and access area transmission services are being provided through a separate solicitation. Additionally, the DS/BMS-C contract will provide within CONUS the tandem circuit switch backbone element of the Defense Switched Network, the Department's command and control voice communications service.

Defense Information Systems Network (DISN) Transmission Services - CONUS (DTS-C). AT&T was awarded this contract in 28 January 1997. It is an Indefinite Delivery/Indefinite Quantity (ID/IQ) contract having a one year base period with eight one year options. AT&T, in response to Delivery Orders issued under the DTS-C contract, will provide wideband fiber based transmission bandwidth for a DISN CONUS Synchronous Optical Network (SONET) backbone and wideband, generally fiber based, transmission bandwidth connectivity to user locations at approximately 600 DOD user locations in CONUS. The SONET backbone will employ optical fiber and provide information transport between the DISN bandwidth managers acquired under the DISN Switched/Bandwidth Manager Services - CONUS contract. For the access areas, AT&T will provide information transport for the aggregate bandwidth of all customer service delivery points homed off the bandwidth managers located in their respective access areas. To take advantage of the bulk transmission rates, AT&T will bundle the access transmission into SONET for delivery to the bandwidth managers. At the customer access locations, transmission bandwidth interfaces at T1, T3 and SONET will be provided. AT&T will team with local access providers as required to accomplish the access area bandwidth requirements.

Defense Information Systems Network (DISN) Transmission Services - Europe (DTS-E). Will provide commercially-available transmission services which expands the Defense Information Systems Network (DISN) Transmission Services - CONUS (DTS-C) to the European region and interfaces with the Global DISN. (See DTS-C)

Defense Information Systems Network (DISN) Transmission Services - Pacific (DTS-P). MCI Worldcom was awarded this contract on 26 October 1999. It is an Indefinite Delivery/Indefinite Quantity (ID/IQ) contract having a one year base period with five one year options. The contract provides Pacific intra- and inter-region point-to-point transmission services, commercial ATM overflow service to augment the government's ATM infrastructure and bulk encryption; network management; post camp station support services; and transmission media, speed or technical enhancement that becomes commercially available during the contract term to accomplish the foregoing service objectives. (See DTS-C)

Defense Information Systems Network (DISN) Video Services - Global (DVS-G). AT&T was awarded this contact on 28 February 1997. It is a fixed price Indefinite Delivery/Indefinite Quantity (ID/IQ) contract with a ceiling price of $125M. The contract is for a three year multi-year base period with two one year options. The work will be performed at Department of Defense (DOD) locations worldwide. The contractor will provide multi-vendor interoperability, dedicated video services including secure and non-secure, point-to-point and multi-point bridging, a reservation/scheduling system, video services management and monitoring, provisioning and user-site network interface equipment.

Defense Message System (DMS). All hardware, software, procedures, standards, facilities, and personnel used to exchange messages electronically between organizations and individuals in DOD. The DMS relies upon DISN.

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 Transition Contract (DTC), 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).

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 DITCO, as a result of a TSR or a TSO processed by a DISA action agency, to commercial sources for quotation which will be used for information or planning purposes.

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

DMS Transition Hub (DTH). The switch nodal in the DTH legacy messaging network (formerly AUTODIN Switching Center (ASC) that performs the store-and-forward message switch function. The message switch uses a predetermined routing method, and message accountability is on a per message basis.

DMS Transition Hub (DTH) Legacy Messaging Network. The DOD worldwide common-user general record communications network (formerly the Automatic Digital Network, AUTODIN) which provides legacy messaging service to both the Defense Special Security Communications System (DSSCS) and General Service (GENSER) communities.

DTH Query Response Service. A data service intended primarily for use by remote legacy messaging users of computer base systems.

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 chapters C2, C3, and C4, and supplement S11 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:

1. 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).

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

2.1 State or local government activity responding to a Presidentially, state, or locally declared disaster or

emergency.

2.2 State of crisis declared by the National Command Authorities.

2.3 Efforts to protect endangered U.S. personnel or property.

2.4 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.

2.5 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.

2.6 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.

Enhanced Mobile Satellite Service (EMSS). The Iridium system is the first commercially available, cross-linked, pole-to-pole global Mobile Satellite System (MSS). It is a satellite-based, global wireless personal communications network designed to permit any type of narrow-band wireless transmission (i.e., voice, data, fax, or paging) to reach its destination nearly anywhere on earth. The Iridium network consists of a space segment employing a constellation of 66 satellites.

Essential NS/EP Telecommunication Service Requirements. (NOTE: See information in chapters C2, C3, and supplement S11 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.

Expedite. Request for expeditious handling of CONUS and CONUS to OCONUS long haul

telecommunications service requests not meeting NS/EP criteria. Major commands will ensure proper validation of expedite requests before submitting the requirements to the TCO. Major commands will review all such requirements to ensure expeditious handling outside the scope of DISAC 310-130-1 is warranted, and the conditions of DISAC 310-130-1 are met (e.g., ensuring government-furnished equipment and services are ready). Lack of timely planning is not a valid reason for requesting expeditious handling of a requirement. The major command, FOA, or DRU senior communicator will validate the necessity of all expedite requests. This validation will be documented in item 417 of the Request for Service (RFS) as described below. Major commands will prioritize requirements either at the time of submission or upon request by the TCO account manager. The TCO will process a particular customer's expedite service request before that customer's routine requirements on a first-come, first-served basis or as prioritized by the customer. The acceleration of an RFS by the TCO does not guarantee the RFS will be equally expedited by the service vendor. Vendors have established service lead-times and are not bound to honor requests for expedites even if overtime is authorized. The TCO account managers will contact and work with DISA action agencies to help ensure expedite requirements are satisfied as soon as possible. On expedited requirements item 417, remarks, will contain the statement, "This is an expedite requirement because (include a short justification). The need to expedite this requirement is certified by name, rank, position, and phone number of certifying official."

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 Technology System (FTS) 2001. FTS 2001 follows the two FTS2000 contracts held by AT&T and Sprint and retains many key features, especially aggressive price competition. FTS 2001 will be provided by Sprint and MCI Worldcom and offer the following key features:
* Comprehensive range of service offerings.
* Long distance, toll-free, and 900 voice services.
* Internet and intranet based services.
* Data communications services from low-speed to very high-speed interconnections using latest technologies like Asynchronous Transfer Mode (ATM) and Frame Relay.
* Special arrangements for mission-critical users (e.g., high-availability circuits, national security and emergency users).
* International services.
* Wide range of support services including state-of-the art ordering, billing, network troubleshooting, repair capabilities, etc.
* Continuous competition designed to allow agencies to act as "smart shoppers" in a commercial-like marketplace.
* Price management mechanisms will ensure continued competitive pricing.
* Government customers on par with commercial customers - government gets access to new services at same pace as commercial marketplace.

Federal Telecommunications Service (FTS) 2000. The FTS 2000 program provided long-distance voice and data services to Federal agencies. In December 1988, the General Services Administration (GSA) competitively awarded two separate contracts to AT&T and Sprint to provide long-distance telecommunications services to Federal agencies. This contract has since expired and services transitioned to other contracts (i.e., DTS-CE, FTS 2001, etc.).

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

Frame Relay. An interface protocol for statistically multiplexed packet-switched data communications in which: (a) variable-sized packets (frames) are used that completely enclose the user packets they transport and (b) transmission rates are usually between 56 kb/s and 1.544 Mb/s (the T-1 rate).In frame relay, (a) there is neither flow-control nor an error-correction capability; (b) there is information-content independence; (c) there is a correspondence only to the ISO Open systems Interconnection--Reference Model Layers 1 and 2; (d) variable-sized user packets are enclosed in larger packets (frames) that add addressing and verification information; (e) frames may vary in length up to a design limit, usually 1 kilobyte or more; (f) one frame relay packet transports one user packet; (g) implementation of fast-packet technology is used for connection-oriented frame relay services; and, (h) there is a capability to handle time-delay insensitive traffic, such as LAN interworking and image transfer.

Global Command and Control System (GCCS). The GCCS is an automated information system designed to support deliberate and crisis planning with the use of an integrated set of analytic tools and the flexible data transfer capabilities. GCCS will become the single C4I system to support the warfighter from foxhole to command post. For additional information on the GCCS, refer to the DISA's Web Home Page at http://www.disa.mil.

Global Information Grid (GIG). The GIG is the globally interconnected, end-to-end set of information capabilities, associated processes and personnel for collecting, processing, storing, disseminating and managing information on demand to warfighters, policy makers, and support personnel. The GIG includes all owned and leased communications and computing systems and services, software (including applications), data, security services and other associated services necessary to achieve information superiority. It also includes National Security Systems as defined in section 5142 of the Clinger-Cohen Act of 1996. The GIG supports all Department of Defense, National Security, and related intelligence community missions and functions (strategic, operational, tactical, business), in war and in peace. The GIG provides capabilities from all operating locations (bases, posts, camps, stations, facilities, mobile platforms and deployed sites). The GIG provides interfaces to coalition, allied, and non-DOD users and systems.

Global Network Operations and Security Center (GNOSC). The GNOSC executes management and operational oversight of the GIG. This includes ensuring that policy, standards, and guidance for systems and network security, operations and management, and the standards as developed by DISA, the Services and Agencies are applied and enforced.

Hawaiian Information Transfer System (HITS). Leased services, providing switched voice, data ISDN, dedicated transmission with administration, operation and network management, maintenance and repair of the system, including purchase of customer premise equipment and intrabase cable for DOD users in Hawaii.

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.

Information Technology (IT). Any equipment, or interconnected system(s) or subsystem(s) of equipment, that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information by the agency.

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 Management Engineering Plan (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 DIIGIG area 1 and one or more of the other user terminals are located in DIIGIG area 8, this would be an inter-DISA area circuit, and the responsible agency would be DISA-DSC (except for special user requirements).

International Maritime Satellite (INMARSAT). INMARSAT was established in 1979 to serve the maritime industry by developing satellite communications for ship management and distress and safety applications. It has since expanded into land, mobile and aeronautical communications, so that users now include thousands of people who live or work in remote areas without reliable terrestrial networks, or travelers anywhere. In addition to maritime customers, today's typical users include journalists and broadcasters, health teams and disaster relief workers, land transport fleet operators, airlines, airline passengers and air traffic controllers, government workers, national emergency and civil defense agencies, and heads of state.

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 (DIIGIG area 8), transiting the Stockton tech control (DIIGIG area 1) and terminating at Adak (DIIGIG 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 DTC/DSN/DISN/legacy AUTODINAUTODIN, 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 Metropolitan Area Networks (MANs), ATM edge devices, FTS2000FTS2001, DSN, legacy AUTODIN, DMSAUTODIN, dedicated point-to-point service, and the primary Primary interInter-*exchange* Carrier (PIC) service associated with business or tie line to the local exchange carrier (e.g., DDD, Foreign Exchange, 800 service, etc.) Any telecommunication leaving post/camp/station premises, regardless of mileage, is considered long-haul.also contractor-provided telecommunications including the interconnection of various functional ADP systems. Any telecommunication leaving post/camp/station premises, regardless of milage, is considered long-haul.

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; Montgomery 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 DSN service permitting a PABX user to receive DSN calls without the assistance of the PABX attendant. The four specific NID features are:

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

2. **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).

3. **Precedence Network-Inward-Dialing (PNID)**. 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.

4. **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). 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). 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.

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.

Non-GIG Requirements. Non-GIG requirements are those that meet one of the following criteria:

North Atlantic Treaty Organization (NATO). NATO was (See the definition of Global Information Grid (GIG).

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

b. Ship/ship, ship/shore/ship, air/air, ground/air/ground, and other tactical telecommunications as defined in DOD Directive 7750.5.

c. Post, camp, base, and station user and/or subscriber facilities andterminals.

d. 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.

e. Consoles and display devices integral to the Unified and Specified Command Centers, their DOD Component Headquarters, and the Military Services' Operations Centers.

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

g. DITCO leased services for non-DOD agencies that do not interface with GIG transmission, switching, or relay facilities.

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 United States.

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 chapters C2, C3, and C4, and supplement S11 for an explanation of NS/EP TSP TSR

procedures.

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

Packet Switching. The process of routing and transferring data by means of addressed packets so that a channel is occupied during the transmission of the packet only, and upon completion of the transmission the channel is made available for the transfer of other traffic.

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 DSN inward traffic to subscriber, indicated by precedence ringing. Routine is indicated by routine ringing.

Precedence Manual--Incoming (PMI). All inward DSN 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 DITCO 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, DITCO, 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 C2). Also, TSP assignments may be pre-positioned at NCS. (See reference 4.7 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 contractingContracting officerOfficer (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 DITCO 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.

Regional Network Operations and Security Centers (RNOSC). The RNOSCs execute the systems and network management and operational control for a specific geographic AOR. They control the DISN backbone, provide theater Information Warfare(IW), GCCS support, and view certain local components of the GIG.

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

1. Long-haul (services between post, camp, or station) DOD telecommunication services (leased or Government-owned), except as excluded under non-DIIGIG requirement.

2. All DISA and DISA field activity telecommunications requirements, including user terminal equipment.

3. All telecommunication requirements that use DIIGIG transmission facilities or DIIGIG switched or relay facilities.

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

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

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

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

1.2 Ship/ship, ship/shore/ship, air/air, ground/air/ground, and other tactical telecommunications as defined in DOD Directive 7750.5.

1.3 Post, camp, base, and station user and/or subscriber facilities and terminals.

1.4 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.

1.5 Consoles and display devices integral to the Unified and Specified Command Centers, their DOD Component Headquarters, and the Military Services' Operations Centers.

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

3. DITCO-leased services for non-DOD agencies that do not interface with DIIGIG 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.

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

2. **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.

NOTE: Diverse routing can only be provided when all affected CCSDs/circuits are provided by the same vendor. To start or reaward a circuit and have it diverse from an existing circuit, justification for sole sourcing to the same vendor must be provided by the customer at the time the request is issued. Consideration of using satellite for one requirement and terrestrial for the other, and asking for avoidance of each respectively will provide a degree of survivability.

Secure Internet Protocol Router Network (SIPRNET). The DISN CONUS data

services (provided by router networks) are composed of both the unclassified but sensitive internet protocol router network (NIPRNET) and SIPRNET, worldwide. The router networks use commercial-off-the-shelf (COTS) components. Each of the router networks provide high-speed internetworking data transport service designed to support open systems and standards. The network is a global structure that currently supports the DOD standard internet protocol (IP). The router networks provide internetworking support to users connected directly to the network via routers, local area networks (LANs), hosts, and to users connected behind local routers that are connected directly to the router network. Users connected behind the router systems that are connected to the router network are not direct customers of the DISN, but are customers of the S/A local router to which they are connected. The DISA RNOSC for the SIPRNET is in Arlington, VA and is responsible for network management, configuration management, and network operations for the SIPRNET.

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 DITCO 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 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.

Tail Segment (Circuit). A transmission path between user terminal equipment and network equipment.

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-DSC 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 chapters C2, C3, and C4, and supplement S11 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 C3 and submitted to DISA or DISA activities for fulfillment. A TSR may not be issued except by a specifically authorized TCO.

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.

Unclassified but Sensitive Internet Protocol Router Network (NIPRNET). The DISN CONUS data services (provided by router networks) are composed of both the NIPRNET and Secret Internet Protocol

Router Network (SIPRNET), worldwide. The router networks use Commercial-Off-The-Shelf (COTS) components. Asynchronous Transfer Mode (ATM) switches are installed as the NIPRNET core backbone. Each of the router networks provides a high-speed internetworking data transport service designed to support open systems and standards. The network is a global structure that currently supports the DOD standard Internet Protocol (IP). The router networks provide internetworking support to users connected directly to the network via routers, Local Area Networks (LAN), hosts, and to users connected behind local routers that are connected directly to the router network. Users connected behind the router systems that are connected to the router network are not direct customers of the DISN, but are customers of the S/A local router to which they are connected. The DISN control centers are an integral part of each network management system. The NIPRNET RNOSCs are located in Columbus, OH; DISA Europe (Vaihingen, GE); and DISA Pacific (Wheeler Army Air Field, HI).

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 chapters C2, C3, and C4, and supplement S11 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).)

1. 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:

1.1 Seriously degrade mission performance and operations in direct support of national security emergency preparedness.

1.2 Seriously degrade or impair the execution of "real world" military plans or intelligence operations.

1.3 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 C2 and chapter C3):

4.1 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.

4.2 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.

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

5.1 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.)

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

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

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

User. A person, organization, or other entity that uses the services provided by a telecommunications system for transfer of information to others.

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.

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C1. CHAPTER 1. DISA ACTIVITIES AND TELECOMMUNICATIONS CERTIFICATION OFFICE RESPONSIBILITIES

C1.1 **General.** This chapter presents the activities established by DISA to allocate and engineer DIIGIG circuits and facilities; the list of Telecommunications Certification Offices (TCOs) authorized to request DIIGIG services; and, the basic responsibilities of a TCO in working with DISA activities to use the DIIGIG most efficiently. In accordance with reference 4.1, DISA shall determine whether a long-haul telecommunications requirement is to be satisfied on the DOD common-user systems, on the Federal Technology System (FTS) 20002001, or with a new acquisition.

C1.2 **DISA Activities.** The allocation, engineering, and provisioning of GIG circuits are accomplished by the DISA activities named in the following listings.

C1.2.1 This listing shows the DIIGIG geographical areas (see figure F1.1) for which each DISA activity is responsible. Details pertaining to the type of requirements for which the DISA areas are responsible for are contained in chapter C4.

DISA National Capital Region (NCR) (DISA-NCR) 5275 Leesburg Pike Falls Church, Virginia 22041-3801 Email Address: PROVHQS@NCR.DISA.MIL	Special user circuit requirements
DISA DISN Service Center (DSC) (DISA-DSC) 604 Tyler Street Scott AFB, Illinois 62225-5421 Email Address: PROVTMS@SCOTT.DISA.MIL	*GIG areas 1, and 2 and inter-GIG*
DISA European Area (DISA-EUR) Vaihingen, Germany Email Address: PROVEUR@EUR.DISA.MIL	*GIGareas 3, 4, 5, and 6*
DISA Pacific Area (DISA-PAC) Wheeler AAF, Hawaii 96854-5120 Email Address: PROVPAC@PAC.DISA.MIL	*GIG areas 7, 8, and 9*

C1.2.2 Other pertinent DISA activities and their functions are listed below:

DISA Headquarters
701 South Courthouse Road
Arlington, Virginia 22204-2199

Home Page: http://www.disa.mil

DITCO Headquarters
(DITCO-Scott)
2300 East Drive
Scott AFB, Illinois 62225-5406

Email Address: DITCOATD@SCOTT.DISA.MIL

Home Page: http://www.ditco.disa.mil

DITCO-Alaska (DTA)
(DITCO-AK)
Building 9864
L Street, Suite 201
Elmendorf AFB, Alaska 99506-2615

Email Address: DITCOAKO@ELEMENDORF.DISA.MIL

DITCO-Europe (DTE)
(DITCO-EUR)
Unit 4235
APO AE 09136

Email Address: DTELL@SEMBACH.DISA.MIL

DITCO-National Capital Region (NCR) (DTN) (DITCO-NCR)
701 South Courthouse Road
Arlington, Virginia 22204-2199

Email Address: DITCONCR@NCR.DISA.MIL

DITCO-Pacific (DTP1)
(DITCO-PAC)
Building 487
1080 Vincennes Ave, Suite 100
Pearl Harbor, Hawaii 96860-4535

Email Address: CMDRDITCO-PAC@PHARBOR.DISA.MIL

C1.2.2.1 **Defense Information Technology Contracting Organization (DITCO)**. DITCO performs a centralized acquisition function to meet the commercial information technology (IT) requirements of the DOD and other Government agencies. The DITCO mission is to procure, provide contract administration, account, and pay for commercial IT services and equipment for the warfighter, DISA, and other DOD agencies and non-DOD agencies as required. Types of IT services and equipment procured include, but are not limited to: information systems, networks, point-to-point circuits, equipment and facilities, special construction in support of IT service requirements, hardware, software, and maintenance. DITCO has four field offices which support their respective areas.

C1.2.2.2 **DITCO Alaska (DITCO-AK)**. DITCO-AK is responsible for the acquisition of communications, facilities,

services, and equipment required for the support of DOD, commands and agencies, Joint Task Force-Alaska when activated, and other U.S. Government agencies as directed by competent authority, within or between the State of Alaska, DIIGIG area 9, and the Aleutian Islands portion of the DIIGIG area 8.

C1.2.2.3 **DITCO Europe (DITCO-EUR)**. DITCO-EUR is responsible for the acquisition, accounting, paying, and reporting for commercial IT, facilities, equipment, and services for DOD and other authorized customers within or between DIIGIG areas 1 (Azores), 2 (Greenland and Iceland), 3, 4, 5, and 6.

C1.2.2.4 **DITCO National Capital Region (NCR) (DITCO-NCR)**. DITCO-NCR plans, awards, and administers contracts for goods and services that support the DISA mission as well as for other U.S. Government agencies in the NCR. This includes contracts for the DIIGIG, the Global Command and Control System (GCCS), the Defense Information System Network (DISN), Electronic Commerce/Electronic Data Interchange (EC/EDI), the National Communications System (NCS), and others. The NCR activities are funded by appropriation.

C1.2.2.5 **DITCO-PAC**. DITCO-PAC is responsible for the acquisition of communications, facilities, services, and equipment required for the support of DOD, U.S. Pacific Command, and such other U.S. Government agencies as directed by competent authority within or between DIIGIG areas 7 and 8 (with the exception of in-country Japan and in-country Korea requirements), and between DIIGIG areas 9 and 7 or 8.

C1.3 **Telecommunications Certification Office (TCO).** As used in this Circular, 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 table T1.1, showing the area of the TCO's authority and the organization or accounts served.

C1.3.1 DOD departments or agencies at command, office, department, agency, or headquarters level may generate DIIGIG communications requirements, even though they are not a TCO. However, such requirements must be submitted to an appropriate TCO for certification prior to acquisition by DISA DITCO. Guidance pertaining to the authority of non-DOD agencies to submit requirements for DIIGIG service is contained in chapters C2 and C4. The authority of non-DOD agencies to order non-DOD leased services through DITCO is limited to the extent approved by the DOD in separate agreement.

C1.3.2 Since the responsibility for reimbursing DITCO 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 Commander-in-Chief's (CINC's) or other agency's requirement will normally submit the Telecommunications Service Request (TSR). However, the TCO who submits the TSR citing a PDC 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 DITCO and will provide a copy of the TSR to the funding activity. Requests for a new PDC or changes to the definition of an existing PDC will be forwarded to DITCO, ATTN: DTC, for action. A change of PDC on an existing circuit will also be addressed directly to DITCO for action.

C1.3.3 The TCO listed in table T1.1, are authorized to submit a TSR 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 DIIGIG. (See subparagraph C1.4.4.5 of this chapter for exceptions to this general rule.)

C1.3.4 The military department TCOs, acting as agents for National Security Agency (NSA) and Defense Intelligence Agency (DIA) circuit requirements, may submit a TSR 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.

C1.4 **Basic Factors to be Considered by the Telecommunications Certification Office Prior to Submission of the**

TSR. Close coordination between the user, the TCO, and the DISA action activity (DISA organizational element that will act upon the TSR (see chapter C4) 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 C2.)

C1.4.1 Can the requirement be met through the use of existing GIG facilities/DOD Common-User Systems? Will DISN, Non-classified Internet Protocol Router Network (NIPRNET), Defense Message System (DMS) Transition Hub (DTH) Legacy Messaging Network (formerly the Automatic Digital Network, AUTODIN), or Defense Switch Network (DSN) access be acceptable instead of dedicated user-to-user service? In accordance with DISA D3 message 121734Z AUG 97, "Guidance for Complying with ASD/C3I Memorandum, Long-Haul and Regional Telecommunications Systems and Services for the Department of Defense," 5 May 1997, mandating use of DISN or FTS common user telecommunications services cited in reference 4.2, all DOD components' long-haul telecommunications requirements will be submitted to DISA for determination of how best to satisfy the requirements (i.e., DOD common-user systems, FTS2001, or new acquisition). For systems now having a waiver, Services/agencies must adhere to the conditions of the waiver at the time it was granted, to include any modifications agreed upon since being granted. Potential customers will coordinate new, large scale system or network requirements or complex telecommunications requirements with DISA (NS5) in the planning stages. All other requirements will be submitted and evaluated through the normal request process. The responsible DISA action activity 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."

C1.4.2 **Is the required service of a nature that will permit processing of the requirement under a Commercial Communications Work Order (CCWO)?** See C2.2.3, for an explanation of the use of the CCWO.

C1.4.3 **Does the required service qualify as a National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) requirement?**

C1.4.3.1 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/DIIGIG 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.

C1.4.3.2 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 subparagraph C3.5.7 and Supplement S11 for applicable criteria governing these two categories of NS/EP requirements. If the required service qualifies for a TSP assignment by the Office of the Manager, National Communications System (OMNCS), the associated TSR must be prepared and submitted in accordance with special procedures outlined in subparagraph C3.5.7 (in addition to the normal TSR procedures identified in chapters C3 and C4.)

C1.4.3.3 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 subparagraphs C2.2.4 and C2.2.5 for information regarding the submission of communications requirements for "Emergency" and Urgent" service.

C1.4.4 **Is the time element valid?**

C1.4.4.1 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 C4, tables T4.1, T4.2, T4.3, and T4.4 show the normal interval (in calendar days) between the receipt of a TSR by a DISA action activity and the completion of the action by a communications contractor or by DIIGIG facilities. Normal leadtimes must be shown in items 106A and 106B unless the service qualifies as an NS/EP, Urgent, or Emergency requirement, and/or overtime and expediting charges are authorized (TSR item 118).

C1.4.4.2 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 DIIGIG facilities, completeness of the TSR, 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 DIIGIG geographical area involved. The TCO should obtain this information when the required service is vital and the leadtime is questionable.

C1.4.4.3 TSRs received by the DISA action activity 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. TSRs 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.

C1.4.4.4 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 activity will process requirements as expeditiously as possible. (See C2.2.4 and Supplement S11 for additional procedures.)

C1.4.4.5 TSRs with a service date more than 360 days from submission for leased service, or 180 days for service on the DIIGIG, will not be accepted by the DISA action activity 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 a TSR in support of contingency operations. (Refer to C2.2 for additional information on contingency requirements.) Aside from such special cases, requirements submitted to the DISA action activity in accordance with this Circular will be for service within the time limit indicated above. The TCO will provide as much leadtime as possible within this time period to meet their needs.

C1.4.5 **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 GIG 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.

C1.4.6 **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 DIIGIG geographical areas 3, 4, 5, and 6. The TCO should contact the appropriate DISA action activity prior to submitting the TSR 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 activity 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 4.3).

C1.4.7 **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 C1.4.4)

C1.4.8 **Have security aspects of the requirement been considered?**

C1.4.8.1 Validated request for telecommunications service will be prepared and processed on an unclassified basis.

C1.4.8.2 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 TSO.)

C1.4.8.3 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).

C1.4.8.4 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 one-time procedure for submission and processing of the classified TSR.

C1.4.8.5 Classified Requests For Services (RFSs) or a feeder TSR should be submitted to the designated TCO in accordance with TCO procedures.

C1.4.8.6 A classified TSR received by a DISA action activity will not be processed until received in accordance with the above.

C1.4.9 **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 C3, 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 DITCO 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 DIIGIG area involved. Requirements for leased service to be acquired by DITCO or DITCO activities will comply with reference 4.4.

C1.4.10 **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 4.5, 4.6, and 4.7. 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 OMNCS, the associated TSR must be prepared and submitted in accordance with special procedures outlined in paragraph C3.5 (in addition to the normal TSR procedures identified elsewhere in chapters C3 and C4). The TCO must complete TSP TSR items 521 through 531 (as applicable) for unified commander and OMNCS review and approval/authorization.

C1.4.11 **Is the requirement for Information Technology (IT) (including National Security System [NSS]IT)?** Requesting offices are responsible for ensuring compliance with Department/Agency polices and procedures resulting from Subdivision E of the Clinger-Cohen Act of 1996 governing the acquisition of IT and NSS IT. Prior to the submission of a RFS/TSR for IT/NSS IT to DISA, the requesting activity must ascertain that all necessary and appropriate actions/approvals with respect to IT/NSS IT acquisitions have been obtained. A RFS/TSR for the procurement of IT/NSS IT 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 request.

C1.4.l2 **Does the requirement need to be defined via a performance specification (PS) and/or statement of work (SOW)?** Requirements submitted by a TCO for systems and equipment are usually described in a PS and/or SOW. A PS is a description of the technical requirements for a product or service that includes the criteria for determining whether these requirements are met. The PS should define the performance details/characteristics of the communication

system or equipment. The SOW is used to define performance requirements that cannot be included in the specification. A SOW describes tasks, materials, and services and directs methodologies to be used to fulfill a requirement. The SOW should contain qualitative and quantitative performance requirements. See reference 4.4, chapter 5 for detailed information.

C1.4.13 **If leased international commercial communication services are required in an austere environment, have all unique support requirements been identified in TSR item 404, unique installation factors?** For example, is contractor furnished, redundant power required to operate satellite terminals? Who is responsible for providing security, food, and lodging for contractor representatives, if required? Are there environmental factors (e.g., sand, dust, moisture, heat, high winds, etc.) which require special climatic controls to ensure proper operation and maintenance of equipment? Is operation and maintenance training of contractor equipment required to ensure continued operation in a hostile environment? Refer to reference 4.4, chapter 5, figures 5-3, 5-4, 5-5, and 5-6 for requirements and quality assurance checklists.

C1.4.14 **Has the communications organization at each service location been contacted to determine the acceptable way (common practice) of obtaining the inside wire?**

C1.4.14.1 If the post/camp/base/station (P/C/B/S) cable facility is owned and maintained by the Government, then commercial inside wire should not be requested (except as noted in subparagraph C1.4.14.2 [below].) (Note: "owned and maintained by the Government" includes those instances when the P/C/B/S has contracted for these services.) A local work order should be submitted to the appropriate P/C/B/S communications organization to request that inside wire be provided from the commercial demarcation point to the users service point. TSR item 437 (customer premise inside wire installation [CPIWI] and maintenance [CPIWM]) would reflect "no/no" and TSR item 410 (demarcation point for interface of government-owned segments with leased segments) would reflect the appropriate street address/building, floor, room, area, etc., where the government-owned segment is to meet the commercial vendor segment.

C1.4.14.2 If the cable facility is owned and maintained by the service local exchange carrier (LEC), or if vendor owned equipment or leased Digital Terminal Equipment (DTE) device are installed (as part of the service) at a location other than the established commercial demark, then inside wire should be requested on the TSR. The corresponding TSR item 437 would reflect "yes/yes" and TSR item 410 should be blank. TSR item 404 (unique installation factors) should be used to request routing through an established commercial demark. Provide the street address, building, room number, and the point of contact's DSN and commercial phone for the demark.

C1.4.14.3 If the cable facility is owned and maintained by a third party, or a combination of the above two scenarios, the TSR preparer must contact the point of contact (POC) on the request for service (RFS) to determine the most appropriate way to satisfy the inside wire portion(s) of the requirement.

C1.4.14.4 If inside wire is requested, identify who owns and maintains the cable facility (include a point of contact with a commercial number) in "TSR item 404."

C1.5 **Use of the DIIGIG Technical Schedules by the TCO**. Item numbers from the DIIGIG technical schedules, table T1.2, have been extracted from reference 4.8 and will be of particular interest and use to the user and Telecommunications Certification Office. Reference 4.8 applies if different from table T1.2. Establishment of these schedules is a major step toward the creation of a common language for circuit ordering, allocation, engineering, activation, operation, and maintenance.

C1.5.1 Table T1.2,DII GIG Technical Schedules, applies to all government-owned circuits within the DIIGIG. The DIIGIG 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 (FCC) as tariffed items. Conflicts between commercial leased circuit specifications andDII GIG circuit specifications will be resolved in favor of the commercial leased circuit specifications defined in chapters C3 and C4 of reference 4.8.

C1.5.2 Chapter C1, table T1.2, of the DIIGIG technical schedules, describes various types of DIIGIG 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 T1.2 are contained in reference 4.8.

C1.5.3 **Circuit Technical Characteristics.**

C1.5.3.1 In submitting a TSR, the TCO will, when applicable, cite (see chapter C3, item 109) the item number from the DIIGIG technical schedules, table T1.2, 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 table T1.2 may apply to more than one circuit category. A circuit, for example, that is listed as item C1 in table T1.2 can accommodate switched voice service (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.

C1.5.3.2 If the service requested does not meet a description of one of the table T1.2 item numbers, submit TSR item 429 describing the desired circuit characteristics.

C1.5.3.3 The DISA action activity will use the entry in TSR 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 T1.2 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 DIIGIG technical schedule for database purposes, and include the specifications that actually apply.

C1.5.3.4 Reference 4.8, 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 4.8 provides a reference for use in leasing commercial communications services and a yardstick for evaluating leased circuits in use in the DIIGIG today. Inclusion of this information in this Circular does not constitute DOD endorsement of the suitability of such commercial services for use in the DIIGIG 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 4.8.

C1.5.3.5 In some instances, particularly where foreign carriers are involved, service as specified in table T1.2 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 DIIGIG technical schedules, for the commercial company concerned to quote the service it is able to provide.

C1.5.3.6 All DIIGIG international leased analog services will be ordered using CCITT recommended standard parameters M1020, and M1040, which equate to DIIGIG parameter codes M3, M2, and M1 and item numbers 4L, 4M, and 4N respectively. The characteristics of these parameters are identified in chapter C4 and Supplement 2 to reference 4.8.

C1.6 **Identification of DIIGIG Circuit.** The CCSD is the primary identification assigned to all DIIGIG circuits. As such, all offices must either maintain files concerning DIIGIG circuits by circuit number (last four characters of the CCSD), or be able to cross-reference TSR numbers or commercial circuit numbers to the assigned CCSD. When corresponding with or calling DISA activities, the TCO must cite the CCSD or, if a CCSD has not yet been assigned, the TSR number and the transmitting correspondence. For leased circuitry, the Communications Service Authorization

(CSA) 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, CCSD, and 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.

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C2. CHAPTER 2. SPECIAL CONSIDERATIONS RELATED TO SUBMISSION OF TELECOMMUNICATIONS SERVICE REQUESTS (TSRs)

C2.1 **General.** As a major operating component of the National Communications System (NCS), the DIIGIG serves the needs of DOD and certain 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 a TSR for DOD and non-DOD agencies, are in consonance with applicable NCS publications. The following guidance pertains to submission of the TSR for DIIGIG service by non-DOD agencies:

C2.1.1 Non-DOD agencies currently authorized by the NCS LRP or other agreement between the non-DOD agency and DOD to request a specific DIIGIG service are included in chapter C1, table T1.1.

C2.1.2 Non-DOD agencies authorized to request DIIGIG service will prepare the TSR in the format and detail prescribed in chapter C3. The TSR will be submitted to the appropriate DISA action activity, unless another channel is specified by separate agreement between the non-DOD agency involved and DOD, or otherwise specified herein. (See paragraph C4.3 for the DISA action activities.)

C2.1.3 Procedures found herein apply to non-DOD departments, offices, and agencies having authorized requirements to be satisfied by the use of DIIGIG facilities.

C2.1.4 Any use of the DIIGIG by non-DOD agencies, other than as noted above, must be approved by the Office of the Assistant Secretary of Defense (OASD) Command, Control, Communications and Intelligence (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 C3 and will specify that the activity will reimburse DOD for additional costs incurred; e.g., leased circuit costs.

C2.2 **Other Special Considerations Related to the Authority of the TCO to Submit a TSR.**

C2.2.1 **Submission of Requirements.** The TSR from DOD and other Government agencies will be submitted by the Telecommunications Certification Office (TCO) to DISA, the DISA area, or the Defense Information Technology Contracting Organization (DITCO-Scott, DITCO-AK, DITCO-EUR, or DITCO-PAC), as applicable, for implementation as specified in chapter C4. All requirements must include the requisite technical and administrative data in the format indicated in chapter C3, as applicable. In addition, the TCO must comply with published procedures applicable to the procurement of leased facilities within the DIIGIG area involved; applicable technical and administrative data required for acquiring leased facilities will be included in the TSR.

C2.2.2 **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 Telecommunications Service Priority (TSP) may be accomplished after coordination with the responsible DISA action activity. The determination that circuit or system engineering actions or DIIGIG 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 a TSR in accordance with procedures contained in chapter C3.

C2.2.3 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 GIGcircuit 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 DITCO has an assigned leasing responsibility, minor rearrangements and moves should be accomplished by the use of a DD Form 1367: Commercial Communications Work Order (CCWO), provided maximum limits of the Communications Service Authorizations (CSAs) are not exceeded. A CCWO cannot be used for Digital Technical Control (DTC), DSN, or legacy messaging (AUTODIN) service rearrangements. See reference 4.4, chapter 4, for details on use of a CCWO for minor moves and rearrangements.

C2.2.4 **Submission of U.S. Communication Requirements for Emergency Service in Foreign Areas Not Subject to NS/EP TSP Provisioning Priority Procedures.**[1]

C2.2.4.1 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.

C2.2.4.1.1 State of crisis declared by the National Command Authorities.

C2.2.4.1.2 Efforts to protect endangered U.S. personnel or property.

C2.2.4.1.3 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.

C2.2.4.1.4 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., ACC, 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.

C2.2.4.1.5 Telecommunications service directly supporting a Federal Government activity responding to a Presidentially declared disaster or emergency as defined in the Disaster Relief Act (42 U.S. Code 5122).

C2.2.4.2 The TCO will submit emergency requirements to the appropriate DISA action activity stated in C4.2, by the most expeditious means available. Emergency requirements should be sent unclassified if possible to facilitate service implementation. The DISA action activity will be contacted during normal duty hours and the NCS/Global Network Operations Security Center (GNOSC), Regional Network Operations Security Centers (RNOSC), or DISA field office will be contacted after normal duty hours. (See table T2.1, for points of emergency contact.)

C2.2.4.2.1 The TCO will follow up a verbal TSR within 48 hours by furnishing the DISA action activity a record copy of the TSR in the format and detail prescribed in chapter C3 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.

C2.2.4.2.2 The DISA action activity will attempt to satisfy the requirements over existing resources, but may have to lease facilities from a commercial carrier.

C2.2.4.3 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 DIIGIG 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.

C2.2.4.3.1 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 DISA action activity within 48 hours after placing the order.

C2.2.4.3.2 OnForDII GIG service, the DISA action 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.

C2.2.4.4 The RNOSC may receive requests for emergency service from non-DOD agencies. These requests will be forwarded to NCS/Global Network Operations Security Center (GNOSC) for action, or will be fulfilled from existing resources, if available, and the NCS/GNOSC will be informed of the action taken.

C2.2.5 **Submission of Communication Requirements for Urgent Service in Foreign Areas Not Subject to NS/EP TSP Provisioning Priority Procedures.**[2]

C2.2.5.1 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:

C2.2.5.1.1 Seriously degrade mission performance and operations in direct support of national security emergency preparedness.

C2.2.5.1.2 Seriously degrade or impair the execution of "real world" military plans or intelligence operations.

C2.2.5.1.3 Seriously degrade or impair the ability of the United States to maintain favorable foreign relations.

C2.2.5.2 Poor planning is not a valid reason for requesting urgent action.

C2.2.5.3 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.

C2.2.5.4 The following temporary exercise telecommunication service may be designated as an "Urgent Operational Requirement." (See subparagraph C4.3.10.)

C2.2.5.4.1 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.

C2.2.5.4.2 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.

C2.2.5.5 An urgent Request For Service (RFS) or TSR must contain the following information or the requirement will be processed as routine:

C2.2.5.5.1 Justification in item 417, chapter C3, 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.)

C2.2.5.5.2 Authorization for overtime and expediting charges for leased services (if applicable).

C2.2.5.5.3 A statement in item 417, chapter C3, that the TCO has reviewed the requirement with the requesting activity and found it to be a valid urgent requirement.

C2.2.5.6 For urgent requirements which specify DIIGIG routing, recommend that an alternate circuit be identified and submitted for preemption in case DIIGIG resources are not available.

C2.2.6 **Prepositioned 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 activity. The DISA action activity will initiate action necessary to preposition the requirement at the DIIGIG station level or with commercial carrier through DITCO, or other leasing activity if required. Unless a prepositioned 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 S11. 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 C2 and 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 operational plan (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 C3. (NOTE: NS/EP procedures apply to the 50 states, District of Columbia, and U.S. territories and possessions.)

C2.2.6.1 An RFS or a change to a previously submitted RFS will be submitted to the appropriate TCO in accordance with the TCO RFS format and procedures. The supported OPLAN and the fact that the RFS is for contingency service will be specified in the RFS.

C2.2.6.1.1 Upon receipt of the RFS, the TCO will:

C2.2.6.1.1.1 Review the requirement.

C2.2.6.1.1.2 Submit a TSR in accordance with chapter C3. The following items should be included:

C2.2.6.1.1.2.1 Item 112 contains "COTGNCY RQR."

C2.2.6.1.1.2.2 Item 118 contains overtime authorization, if required.

C2.2.6.1.1.2.3 Item 415B contains the OPLAN number.

C2.2.6.1.1.2.4 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.

C2.2.6.1.1.3 When requested by the DISA action activity, determine the circuit or circuits to be preempted for the new service.

C2.2.6.1.2 Upon receipt of the TSR, the DISA action activity will:

C2.2.6.1.2.1 Review the TSR.

C2.2.6.1.2.2 Determine routing; if routing is available, issue the TSO. (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 activity of action taken.)

C2.2.6.1.3 Upon receipt of the TSO, the stations along the route of the circuit will:

C2.2.6.1.3.1 Implement the circuit configuration contained in the TSO to the maximum extent possible.

C2.2.6.1.3.2 Label patch bays and boards the same as other circuits; flag to indicate contingency requirement (in accordance with [IAW] station standard operating procedures [SOPs]).

C2.2.6.1.3.3 Enter circuit in station records and logs the same as other circuits; flag as "contingency requirement."

C2.2.6.1.3.4 Report in accordance with instructions contained in the TSO.

C2.2.6.1.3.5 File a copy of the TSO in the appropriate OPLAN file.

C2.2.6.1.4 To activate all or a portion of the circuits for a given OPLAN the following applies:

C2.2.6.1.4.1 Requesting activity notifies the appropriate RNOSC or GNOSC, Washington DC, D3OP, by message or telephone of the services desired.

C2.2.6.1.4.2 The RNOSC or GNOSC will notify, by message or telephone, affected DIIGIG stations, DITCO, DITCO field activities, or other leasing activities as required.

C2.2.6.1.5 To revert all or a portion of circuits for a given OPLAN to inactive status, the notification sequence indicated in C2.2.6.1.4 applies.

C2.2.6.1.6 All prepositioned requirements must be revalidated annually.

C2.2.6.1.7 Normal procedures will be followed to discontinue a pre-positioned contingency requirement.

C2.2.6.1.8 A copy of each RFS, TSR, and TSO pertaining to contingency pre-positioned requirements will be forwarded to via message DISA WASHINGTON DC//D3OP// or by mail to Headquarters, DISA, ATTN:D3,OP, 701 South Courthouse Road, Arlington, Virginia 22204-2199.

C2.2.7 **Request for Reconfiguration of DISA Switched Networks.**

C2.2.7.1 **Responsibilities**. The DISA Principal Director for Operations (OP) is responsible for management control and operational direction of the GIGDSN switched network. This directorate is also responsible for management control and operational direction of the GIGdata switched networks legacy messaging (formerly AUTODIN) 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 inter-area interswitch trunk circuits and associated equipment.

C2.2.7.2 ***Procedures.*** DISA action activities 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 DIIGIG switched networks to *Director, DISA, ATTN: NS5OP*, 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.

C2.2.8 **Requests for Orderwires**. Operation and maintenance (O&M) elements will submit all requests for orderwire network changes, deletions, and additions directly to the DISA area TCO for validation and TSO action. DISA Europe, DISA Pacific, and DISA DISN Service Center are designated as the TCO for all DIIGIG orderwire circuit requirements within their respective areas of responsibility. All orderwires shall be engineered, configured, and installed in accordance with reference 4.9.

C2.2.9 **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 Headquarters, DISA, ATTN: D3OP, for validation and subsequent allocation.

C2.2.10 **Requests for Information for Planning Purposes.** To request data needed for information or planning purposes, submit a TSR in accordance with chapter C3, entering "Developmental" in TSR item 103. A Developmental TSR will not be submitted to obtain information on individual circuits or equipment which are tariffed or listed in catalogs available from local contractors. Also, a Developmental TSR shall only be submitted when there is a reasonable expectation of acquiring the service, equipment, or system specified.

C2.2.10.1 If the request is for services not part of the DIIGIG, submit the TSR directly to DITCO (see C4.3.5). DITCO will issue a developmental inquiry, when required, to commercial sources in accordance with reference 4.4 and provide the subsequent information to the TCO.

C2.2.10.2 Submit the TSR for DIIGIG service for action to the appropriate DISA action activity. The DISA action activity will determine if DIIGIG 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 DITCO. DITCO will forward resulting commercial lease information to the DISA action activity and to the TCO. The DISA action activity 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.

C2.2.11 **Submission of Requests for Reaward.** The TCO will submit a TSR to reaward existing and expired contracts/Communication Service Authorizations (CSAs) to the appropriate DISA action activity (see figure F2.1 and additional guidance contained in DISA-EUR/PAC Circulars). The TSR 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 will contain the existing Communications Service Authorization (CSA)/Communications Service Authorizations Communications Circuit Identifier (CCCI)/, Defense Working Capital Fund-Communications Information Services Activity (DWCF-CISA), and/or the Allied Long Lines Agency (ALLA) CSA-CCCI/DWCF-CISA/ALLA number. (NOTE: Reaward actions must be accomplished in sufficient time to replace service prior to the end of the contract. Service may be discontinued if customer fails to do so.)

C2.2.11.1 If the service is awarded to a new contractor, DITCO will assign a new CSA number and issue applicable contract information via the Status of Acquisition Message (SAM). (In the European theater, DITCO-Europe will issue a circuit demand.) Upon receipt and verification of service, the TCO will issue a DISCONTINUE TSR to the appropriate DITCO activity to terminate the old CSA and all associated service. A SAM will be issued by DITCO notifying all addressees identified on the TSR/TSO of the order to discontinue the existing CSA and associated service. The appropriate DISA allocation and engineering activity may use the SAM (or issue a separate TSO) to update the DISA database. (The existing Command Communications Service Designator [CCSD] will be retained.)

C2.2.11.2 If the service is awarded to the incumbent contractor using the same facilities and commercial circuit number, DITCO will continue to use the existing CSA number. DITCO will issue a SAM providing the new contract information. A DISCONTINUE TSR is not required. The appropriate DISA allocation and engineering activity may use the SAM to update the DISA database.

C2.2.11.3 If the service is awarded to the incumbent contractor using different facilities or using a different commercial circuit number, DITCO will assign a new CSA number. The new contract information will be issued by DITCO via a SAM. Upon receipt and verification of the service, the TCO will issue a DISCONTINUE TSR to the appropriate DITCO activity to terminate the old CSA and all associated service. DITCO will issue the order to the contractor. A SAM will be issued by DITCO notifying all addressees identified on the TSR/TSO of the order to discontinue the existing CSA and associated service. The appropriate DISA action activity may use the SAM (or issue a separate TSO) to update the DISA database. (The existing CCSD will be retained.)

C2.2.l2. **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) 206.303-1(B). 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 DITCO. 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:

C2.2.l2.1 Identification of the requiring agency/command and the applicable contracting activity (i.e., DITCO).

C2.2.l2.2 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.)

C2.2.l2.3 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.

C2.2.l2.4 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.

C2.2.l2.5 A demonstration that the proposed contractor's unique qualifications, or the nature of the acquisition, requires use of the authority cited in FAR 6.302.

C2.2.l2.6 A description of the market survey conducted and the results, or a statement of the reasons why a market survey was not conducted.

C2.2.l2.7 Any other facts supporting the use of other than full and open competition, such as:

C2.2.12.7.1 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.

C2.2.12.7.2 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).

C2.2.12.7.3 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.

C2.2.l2.8 A listing of sources, if any, that expressed in writing indicate an interest in the acquisition.

C2.2.l2.9 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.

C2.2.l2.10 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.

C2.2.l2.11 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." For requirements with an estimated contractual value of $1,000,000 or more, including options and option years, management certification is required no lower than the TCO Commander or civilian equivalent.

C2.2.13 **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:

C2.2.13.1 DOD intra-NCR administrative telecommunications requirements, with the exception of tactical, special intelligence, or DIIGIG 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.

C2.2.13.2 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 Activity (HQ, DISA/DSC/DITCO), and "info" to the DTS-W.

C2.2.14 **Requests for Administrative Changes.** A CHANGE TSR requesting administrative changes to user terminal equipment, TSP, purpose and use codes, CCSD, PDC, 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).

C2.2.15 **Requests for Exercise of Options and Option Years.** A CHANGE TSR, submitted directly to DITCO, 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.

C2.2.16 **Requests for Equipment and/or Associated Services from an Existing Contract.** A START TSR requesting equipment and/or associated services to be ordered from a DITCO requirements (bulk) contract are submitted directly to DITCO. 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. DITCO 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.

C2.3 **Requirements Necessitating Additional DIIGIG Government-Owned Facilities for Their Fulfillment.**

C2.3.1 Military departments assigned operating responsibility for government-owned portions of the DIIGIG 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 DIIGIG. The responsibility includes DISA government-owned channels and interface equipment that are used to extend leased channels.

C2.3.2 In the day-to-day process of acting on Telecommunications Service Orders (TSOs), DIIGIG 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, DIIGIG 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: NS5*, 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.

C2.3.3 Certified, programmed, or anticipated telecommunications requirements may be of such magnitude as to require expansion of government-owned DIIGIG facilities. DISA action activity 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: NS5*, who will obtain the necessary approvals and concurrence and forward the plan, with further implementing instructions as necessary, to the appropriate military department for action.

C2.4 **Disposition of DIIGIG Resources.**

C2.4.1 Telecommunications services and facilities established under the procedures outlined in this Circular, which interface with the DIIGIG, are subject to the operational direction and management control of the Director, DISA, under the provisions of reference 4.10. When these services and facilities are no longer required, they will be reported through established TCO channels to the appropriate DISA action activity for discontinuation.

C2.4.1.1 Government-owned DIIGIG telecommunications facilities will not be deactivated until instructions are received from the appropriate DISA action activity to deactivate the facilities as operating components of the DIIGIG. Government-owned equipment becoming excess as a result of deactivation or discontinuance of DIIGIG telecommunications facilities will be disposed of in accordance with procedures prescribed by the department, office, agency, or command that provides the equipment and reference 4.11.

C2.4.1.2 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 DIIGIG 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 activity for necessary action. Common switching facilities and circuits of the DIIGIG switched networks will be deactivated or reconfigured only by direction of Headquarters, DISA. (*For leadtimes, see chapter C4, tables T4.1, T4.2, T4.3, and T4.4*)

C2.4.2 A DISA action activity may, after consulting with the appropriate TCO, cancel a DIIGIG 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:

C2.4.2.1 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.

C2.4.2.2 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 activity. In the latter case, the TCO will also submit an amendment to the TSR under which the service was originally requested.

C2.5 **Reallocation of DIIGIG Resources to Meet New Service Requirements.** If a new service can be provided by the rearrangement of existing DIIGIG circuits, Headquarters, DISA, or the DISA action activity, 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 activity 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 the applicable TCO to permit the rearrangement action to be accomplished. When this action is taken, the TCO involved must review all circuit restoral priorities for proper assignment and resolve any conflicts prior to submitting the TSR.

C2.6 **Public Data Network (PDN) Performance Specifications (PS).** For new PDN network service requirements, the TCO must submit a PS directly to DITCO Scott or DITCO Europe in addition to the TSR which must be submitted to DISA DSC or DISA-EUR. DITCO provides the TCO a Guide for PDN Performance Specifications and is available to assist in developing the PS.

C2.7 **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 activity:

C2.7.1 Respond to the TCO and suggest alternate methods of meeting the requirement; e.g., use the DIIGIG switched network instead of a dedicated private line, etc.

C2.7.2 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.

C2.7.3 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.

C2.7.4 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.

C2.7.5 Refer requirements from non-DOD agencies to OASD(C3I) for resolution.

C2.7.6 Refer all unfilled requirements to *Headquarters, DISA, ATTN: NS5*.

C2.8 **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 4.12. A TSR 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 activities.

C2.8.1 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.

C2.8.2 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.

C2.8.3 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:

C2.8.3.1 Operational mission requiring communications support.

C2.8.3.2 The specific communications support resources required to support the mission.

C2.8.3.4 The availability or use of existing communications facilities which could be used to support the requirement.

C2.8.3.5 The position of each unified or specified command, military department, or DOD agency concerned with respect to the communications requirement.

C2.8.3.6 Statement of reason why common user communications can or cannot be used to satisfy the requirement.

C2.8.3.7 Statement of the impact if communications required are not provided.

C2.9 **NCS Telecommunications Service Priority (TSP) Authorization Procedures.**

C2.9.1 The TCOs and Service Users will**:**

C2.9.1.1 Comply with their obligations under the TSP System as identified in reference 4.7.

C2.9.1.2 Designate officials authorized to invoke NS/EP treatment.

C2.9.1.3 Request and justify to the OMNCS TSP Program Office, via the TSR, a TSP restoration priority assignment for a telecommunications service. A TSP provisioning priority request is submitted to the NCS using SF 315: TSP Request for Service Users, which is included in reference 4.7.

C2.9.1.4 Contact the OMNCS in the event of nonreceipt of the TSP Assignment Message.

C2.9.1.5 If the TSP has been previously assigned by OMNCS, cite the applicable TSP Authorization Code in item 102 of the TSR.

C2.9.1.6 Notify the TSP Program Office if a service with a TSP assignment has been terminated to revoke TSP or if the priority level should be revised.

C2.9.1.7 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, by the service due date.

C2.9.1.8 Accept TSP services by the service due dates or (for Emergency TSP services) when they are available.

C2.9.2 The TSP Program Office will**:**

C2.9.2.1 Review and assign TSP authorization codes requested on each TSR, typically within 3 working days, issuing a TSP assignment message (containing TSP authorization code) to the responsible TCO and original TSR action addressees.

C2.9.2.2 If the service does not qualify for the requested TSP, deny the request, or (telephonically) ask the TCO to provide additional information.

C2.9.2.3 Maintain data on TSP assignments.

C2.9.2.4 Maintain a 24-hour point-of-contact for receiving and responding to requests for Emergency provisioning priority TSP assignments.

C2.9.3 DISA action activities will**:**

C2.9.3.1 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.

C2.9.3.2 Review and assign NCS-assigned TSP restoration priorities to package systems and system cutover actions in accordance with reference 4.7.

C2.9.3.3 Provide ADP assistance, if requested, to the TCO and/or unified commanders to aid in conducting overall TSP restoration priority reviews.

C2.9.3.4 Issue the TSO and enter CINC-validated, NCS-approved TSP assignments in the DISA World Wide On-line System-Replacement (WWOLS-R) and DITCO databases.

C2.9.3.5 Submit a TSP Service Order Report directly to the TSP Program Office with 45 calendar days of issuing a TSP service order, CHANGE order, or DISCONNECT.

C2.10 **Completion Reports.**

C2.10.1 **Use**. A completion report (CRP) is required for every TSO issued, unless specified differently in the TSO. Note: The IN-EFFECT REPORT/DTH ACTION NOTICE submitted by the DTHs in accordance with reference 4.12 constitute an in-effect report, and no separate report under this circular is required.) Completion reports shall not be required for a TSO which address administrative information only (e.g., telephone numbers, office symbol corrections, etc.). In the case of a TSR for leased equipment or services where a TSO is not issued, completion reports will be submitted unless specified differently in the TSR. In-effect reports for a Precedence Access Threshold (PAT) will be based upon Switch Revision Messages (SRM) for Overseas CONUS (OCONUS) service and upon a PAT TSR 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 reference 4.13."

C2.10.2 ***Submission.*** *Completion reports will be submitted via DISA Direct (when available) or e-mail 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 a Defense Switched Network (DSN) PAT TSR will be submitted and formatted in accordance with the examples shown in Supplement S1.

C2.10.3 ***Format.*** *Addressing the reports to the e-mail address of the appropriate DISA activity, shown below, will help to ensure the reports are correctly routed for further processing.*

PROVHQS@NCR.DISA.MIL
PROVPAC@PAC.DISA.MIL
PROVTMS@SCOTT.DISA.MIL
PROVEUR@EUR.DISA.MIL

Note 1: These e-mail addresses are for provisioning documents only (RFS/TSR/DSR/IER etc). Do not send administrative type messages to DISA or your account manager using these addresses.

C2.10.4 **Types.**

C2.10.4.1 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. For some types of service and some actions an in-effect is not required, where this is the case a prominent statement will be provided in the remark section of the TSO to indicate this. If an in-effect report, associated with a DITCO leased disconnect action, is not received by DISA within 72 hours (as discussed above), the disconnect (discontinuance) date reflected in the DITCO Status of Acquisition Message (SAM) can be used to update the DISA WWOLS-R database. If the service being in-effected has been assigned a TSP, the in-effect report, containing the applicable TSP Authorization Code, must be submitted action to: "TSP@NCS.GOV". 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.
NOTE: In-effect reports are not required for the discontinue of DISA managed services where there are no commercial leases. Examples of in-effect reports are shown in Supplement***S1***. In-effect reports will contain the following information:

C2.10.4.1.1 Subject: In-Effect Report.

C2.10.4.1.2 Reference: Identification of the TSO message.

C2.10.4.1.3 Item 1: Complete TSO number.

C2.10.4.1.4 Item 2: TSR number from TSR item 101 and/or TSO paragraph 2N.

C2.10.4.1.5 Item 3: CCSD or trunk ID from TSO paragraph 2A.

C2.10.4.1.6 Item 4: Commercial carrier and commercial circuit number from TSO paragraph 3X2A or other sources, or enter NA.

C2.10.4.1.7 Item 5: Type action from TSO paragraph 2C.

C2.10.4.1.8 Item 6A: Date, time, month, and year of completion of action.

C2.10.4.1.9 Item 6B: Date, time, month, and year commercial service was provided, or enter N/A when no commercial service has been requested.

C2.10.4.1.10 Item 7: Remarks. Note any administrative comments or minor changes authorized under C2.2.2.

C2.10.4.1.11 Item 8: Point of contact. Name, organization, and DSN/commercial telephone number of person submitting the in-effect report.

C2.10.4.1.12 Item 9: OMNCS assigned TSP Authorization Code from item 102 of the TSR and/or paragraph 2B of the TSO.

C2.10.4.2 **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 Communications Control Office/Communications Management Office (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 S2. Exception reports will contain the following information:

C2.10.4.2.1 Subject: Exception Report.

C2.10.4.2.2 Reference: Identification of the TSO message.

C2.10.4.2.3 Item 1: Complete TSO number.

C2.10.4.2.4 Item 2: TSR number from TSO paragraph 2N.

C2.10.4.2.5 Item 3: CCSD or trunk ID from TSO paragraph 2A.

C2.10.4.2.6 Item 4: Commercial carrier and commercial circuit number from TSO paragraph 3X2A or other sources, or enter NA.

C2.10.4.2.7 Item 5: Type action from TSO paragraph 2C.

C2.10.4.2.8 Item 6A: Date, time, month, and year of completion of action.

C2.10.4.2.9 Item 6B: Date, time, month, and year commercial service was provided, or enter N/A when no commercial service has been requested.

C2.10.4.2.10 Item 7: Exception code from chapter 2, reference 4.14.

C2.10.4.2.11 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.

C2.10.4.2.12 Item 9: Point of contact. Name, organization, and DSN/commercial telephone number of person submitting the exception report.

C2.10.4.3 **Delayed Service Report.**

C2.10.4.3.1 **If Commercial Leasing Actions are Involved**.

C2.10.4.3.1.1 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.

C2.10.4.3.1.2 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 DITCO or the appropriate DITCO field activity. The verbal report will be confirmed by message in Supplement S3 format to the TCO, the originator, and all addressees of the TSO within 72 hours.

C2.10.4.3.1.3 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. Operational 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.

C2.10.4.3.2 **If Government Provided Services are Involved.**

C2.10.4.3.2.1 When the established service date cannot be met due to either customer or Government provider cause, the CCO or the TSR/TSO designated activity 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.

C2.10.4.3.2.2 If the forecasted delay as reported in item 8 of the delayed service report is excessive; e.g., unknown, a report will be submitted every 30 days until a firm date is established. The problem may be resolved by exceptional procedures as outlined in subparagraph C2.4.2. If a firm date is known when the delay(s) will be cleared, and that information is contained in the follow-up report, then subsequent follow-ups are not required until the date indicated.

C2.10.4.3.2.3 Delayed service reports must always be followed by either an in-effect report or an exception report.

C2.10.4.3.2.4 Examples of delayed service reports are shown in supplement S3. Delayed service reports will contain the following information:

C2.10.4.3.2.4.1 Subject: Delayed Service Report.

C2.10.4.3.2.4.2 Reference: Identification of the TSO message.

C2.10.4.3.2.4.3 Item 1: Complete TSO number.

C2.10.4.3.2.4.4 Item 2: TSR number from TSO paragraph 2N.

C2.10.4.3.2.4.5 Item 3: CCSD or trunk ID from TSO paragraph 2A.

C2.10.4.3.2.4.6 Item 4: Commercial carrier and commercial circuit number from TSO paragraph 3X2A or other sources, or enter NA.

C2.10.4.3.2.4.7 Item 5: Type action from TSO paragraph 2C.

C2.10.4.3.2.4.8 Item 6A: Date, time, month, and year specified in TSO paragraph 2D.

C2.10.4.3.2.4.9 Item 6B: Date, time, month, and year commercial service was provided, or enter N/A when no commercial service has been requested. This information will be used by DITCO 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.

C2.10.4.3.2.4.10 Item 7: Delayed service code from reference 4.14, chapter 20.

C2.10.4.3.2.4.11 Item 8: Date, time, month, and year service is expected to be provided, or enter UNKN.

C2.10.4.3.2.4.12 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.

C2.10.4.3.2.4.13 Item 10: Point of contact. Name, organization, and DSN/commercial telephone number of person submitting the delayed service report.

C2.10.4.4 ***Ready for Use Report (RFU)****. In instances where one or more DISA common user system(s) (IDNX, Router, etc.) or commercial point-to-point circuits are installed, tested and accepted by the government to is used to satisfy a customer service requirement and the customer is not ready on the requested service date, a Ready for Use Report will be issued. This report will be used by DITCO to start billing based on the service delivery date or the requested service date, whichever is latest. When all installation testing & acceptance actions are satisfied (circuit and/or equipment performance meets standards), the DISN circuit implementers (in coordination with the customer and/or the CCO/CMO) will submit the RFU report to the applicable provisioning activity, and provide information copies to all order addressees. The Ready for Use Report must be followed by an In-Effect Report issued by the CCO/CMO when the end-to-end service is installed. RFU reports will contain the following information:*

C2.10.4.4.1 Subject: Ready for Use Report.

C2.10.4.4.2 Reference: Identification of the TSO message.

C2.10.4.4.3 Item 1: Complete TSO number.

C2.10.4.4.4 Item 2: CCSD or Trunk ID: From TSO paragraph 2A.

C2.10.4.4.5 Item 3: Communications Service Authorization (CSA) number, or enter NA.

C2.10.4.4.6 Item 4: Type Action: From TSO.

C2.10.4.4.7 Item 5: Date, month, and year of completion of DISA action.

C2.10.4.4.8 Item 6: Date, month, and year commercial service was provided, or enter N/A when no commercial service has been requested.

C2.10.4.4.9 Item 7: Remarks (Mandatory).

C2.10.4.4.10 Item 8: Point of contact. Name, organization, e-mail, and DSN/Commercial telephone number of person submitting the Ready for Use Report.

C2.10.4.4.11 Item 9: User POC. Name, organization, e-mail, and DSN/Commercial telephone number of CCO/CMO who coordinated on this action.

C2.11 **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 DITCO, authorizing payment for the equipment.

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[1]See information in C2.9; C3.5.7; C4.3.6; and Supplement S11 for procedures regarding submission of "Emergency NS/EP" TSP telecommunication services leased within the United States (i.e., 50 States, U.S. territories, U.S. possessions).

[2] See footnote[1].

[3] Operational 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.

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C3. CHAPTER 3. FORMAT OF TELECOMMUNICATIONS SERVICE REQUESTS (TSRs) AND DETAILED PREPARATION PROCEDURES

C3.1 **General**. Requirements for telecommunications service will be validated in accordance with the policies and procedures of the user's parent command. The Telecommunications Certifications Office (TCO) will prepare a TSR in accordance with the procedures and format contained in this Circular. The TSR will be submitted in itemized format to the appropriate DISA action activity according to flow charts in chapter C4.

C3.2 **Telecommunications Service Request (TSR) Numbered Sequences.**

C3.2.1 TSRs will be submitted to the applicable DISA action activity (see chapter C4) and concurrently to the OMNCS and applicable approving CINC using the format prescribed herein. The TSR is divided into six numbered sequences.

C3.2.1.1 Item 101 sequence. General Technical Information.

C3.2.1.2 Item 201 sequence. DSN/DTC Service Information.

C3.2.1.3 Item 301 sequence. Legacy messaging (AUTODIN) MSU Service Information.

C3.2.1.4 Item 401 sequence. Narrative Information.

C3.2.1.5 Item 501 sequence. Justification and Approvals.

C3.2.1.6 Item 521 sequence. TSP Information.

C3.2.2 The itemized format (See Supplement S7) permits computer processing of a TSR to a TSO. The TSR sequence item number is the key used by computer software to transfer information from specific TSR items to specific TSO paragraphs. (See Supplements S9 and S10 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 S8 should be used to identify the particular TSR items which can apply to specific types and categories of service requests.

C3.2.3 TSR (Editor) (TSR(E)) is a PC-based system that assists in the preparation of an 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.

C3.3 **Submission of a TSR.**

C3.3.1 Only a complete, validated TSR submitted by the TCO shown in chapter C1, table T1.1, will be processed except as stated in C1.3.1. Activities should not forward information copies of a feeder TSR, RFS, or TSR input data to DISA, but only to the a TCO for certification. Requirements will be certified in accordance with policies and procedures of the TCO's parent command.

C3.3.2 This chapter provides instructions related to the final preparation of the TSR by the TCO. Further implementation of this chapter toward enabling the TCO to obtain information for the TSR is a responsibility of the TCO.

C3.3.3 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 the received TSR will be assumed to be "NA." However, to preclude TSR processing delays, ensure that the data provided is complete and accurate. (See Supplement S8 for TSR item submission matrix. See table S12.T12.1 of Supplement S12 for required/optional DISN TSR items.)

C3.3.4 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. A CANCEL TSR will have the alpha character "Z" following the TSR number.

C3.3.5 A TSR for rehomes, changes to circuits, and amendments to a TSR will be forwarded in the same manner as the initial TSR. (See C4.3.) Changes and TSR amendments are defined as follows:

C3.3.5.1 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.

C3.3.5.2 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 l07 (CCSD) and item 116 (CSA number) be filled in to identify existing service. TSP changes must be submitted to the OMNCS in accordance with C4.3.6. All changes to leased service must be within the terms and conditions of the existing contract. If not, a separate discontinue/start or reaward TSR must be issued.

C3.3.6 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, the narrative should be as brief and concise as practicable. Each line of the narrative, after the first, must start with an alphabetic character.

C3.3.7 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.

C3.3.8 Only one character or symbol can be entered in a block on the TSR worksheet.

C3.3.9 The TSR submitted to a DISA action activity 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 C1.4.8, for additional information.

C3.3.10 Each service action must be submitted as a separate TSR and be identified by a separate TSR number. However, for transmission purposes, the TSR is categorized as single or multiple related. A single TSR is one which is contained in a single message. Multiple-related TSRs is a group of TSRs which are similar to the majority of TSR items identical; e.g., locations, type service, etc. Such TSRs may be submitted in a single message as a multiple TSR. Multiple TSRs must be for the same type of action; e.g. all starts, all discontinues, etc.

C3.3.11 The subject line of the TSR message must contain either:

C3.3.11.1 Telecommunications Service Request (for a single TSR).

C3.3.11.2 Multiple TSR (for several related TSR in one message).

C3.3.12 When a multiple TSR is submitted, the first TSR must be complete. Second and subsequent TSRs 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.

C3.3.13 To amplify submission instructions, examples of messages containing a TSR are shown in Supplements S4, S5, and S6. 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.

C3.3.14 The TCO 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 DITCO expiring contract notifications, DITCO will contact the appropriate TCO Director/Commander to obtain approval to issue DITCO-initiated discontinue notices.

C3.3.15 TSRs for stand-alone dial-up services (e.g., 800/900 service) which are non-DIIGIG, will be submitted directly to DITCO in

accordance with figure F3.1.

C3.4 **Transmission of a TSR.** A TSR will be transmitted in the following ways:

C3.4.1 **Electrical Message.** TSR(E) or the worksheet contained in Supplement S7, 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 the TSR. A TSR received in any other manner requires 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 will be transmitted via electronic mail. This method of transmission will cause the TSR to be entered directly into DISA and DITCO computers and, therefore, will cause the least amount of delay in processing. Note: If continued transmission of TSR's via the Legacy Messaging Network (formerly AUTODIN) is required, a written request for a waiver must be submitted to the DISN Service Center at e-mail:

DSC1@SCOTT.DISA.MIL

or regular mail to:

DISN Service Center/DSC1

604 Tyler St.

Scott AFB, Il62225-5421

The request must contain a complete explanation of why a waiver is needed and an estimated date that legacy AUTODIN message support will no longer be required. The waiver request must be signed by the senior communicator at the major command, service, agency or major claimant level. The request will be forwarded to the DISA Director for approval.

C3.4.2.1 During periods when MINIMIZE has been imposed.

C3.4.2.2 When lengthy statements of work (SOW), technical or performance specifications, or narrative descriptions must be included.

C3.4.2.3 When the TCO has no access to record type communication services.

C3.4.3 ***Addresses for TSRs.*** *TSRs for DIIGIG service will be addressed to the following appropriate DISA Allocation & Engineering (A&E) activity. Enter the email address as shown below via your e-mail processor.*

PROVHQS@NCR.DISA.MIL
PROVPAC@PAC.DISA.MIL
PROVTMS@SCOTT.DISA.MIL
PROVEUR@EUR.DISA.MIL

Note 1: These e-mail addresses are for provisioning documents only (RFS/TSR/DSR/IER etc). Do not send administrative type messages to DISA or your account manager using this address.

All Non-DIIGIG (formerly Non-DCSDII) TSRs will be sent to the following appropriate DITCO Scott e-mail address as well as the appropriate DITCO field activity listed below:

DITCO SCOTT DITCOATD@SCOTT.DISA.MIL
EUROPE DTE11@SEMBACH.DISA.MIL

PACIFIC	*CMDRDITCO-PAC@PHARBOR.DISA.MIL*
ALASKA	*DITCOAKO@ELMENDORF.DISA.MIL*

*Note 1: The TSR must be in the body of the e-mail, not as an attachment. Also, it must be in JANAP 128 format (See DISAC 310-130-1, Supplement **S4**for example of format).*

Note 2: If the TSR/TSO requires DITCO Funding Office action, also ensure "FINANBIL@SCOTT.DISA.MIL" is an email TO or CC addressee.

C3.4.4 **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.

C3.5 **Detailed Instructions for Preparing TSR Worksheet.** The information in the subparagraphs C3.5.1 through C3.5.7 is displayed using the current TSR item numbering scheme and format. These item numbers must appear on the TSR document as shown with the related data elements.

C3.5.1 ***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. *Do not use TSR item numbers when referencing one item in another item, instead use the title of the referenced entry, e.g. use "See Remarks" vice "See Item 417".*

ITEM/DESCRIPTION

101. **TSR Number**. Telecommunications Service Request numbers are assigned by the Telecommunications Certification Office. Only valid two-character TCO identifiers from chapter C1, table T1.1, 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 l993.

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. A cancel TSR 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 database. 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 C2.9; C3.5.7; C4.3.6; supplement S11; and references 4.6 and 4.7 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 reference 4.7. Federal agencies sponsoring a TSP request for non-Federal users should also refer to references 4.6 and 4.7.

102. **OMNCS Assigned TSP Authorization Code.** If the OMNCS 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 GIG subscriber access line from one location to another on a Government system or the DSN, or the Legacy Messaging Network (formerly AUTODIN), 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 C2.2.2 through C2.2.6 for additional information.

104. **Type of Service**. When the TSR includes a requirement for commercial 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 DITCO, 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 DITCO 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 DITCO, 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 DITCO, 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 DITCO, 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 DITCO, 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 DITCO, 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 DITCO, 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 DITCO, 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. DITCO will acquire maintenance support, if available, for government-owned equipment acquired by DITCO 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.

OTHER. A requirement for other than circuit, equipment, system, or maintenance. For example, credit cards.

105. **Network Requirements.** Indicate the network to which the TSR applies, whether DEDICATED, DISN Transmission Service, DISN Router Service, LEGACY AUTODIN, Public Switched Network (PSN), PDN, In-Direct LEGACY AUTODIN (e.g. Automated Message Processing Equipment [AMPE] Tributary), DSN, DTC, Defense Red Switch Network (DRSN), Asynchronous Transfer Mode (ATM), FTS2001, INMARSAT, or EMSS. This item is required when the purpose of the TSR is to identify new requirements or changes to existing circuits.

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 (98, 99); e.g., 151200Z JUL 99. *See tables T4.1, T4.2, T4.3, and T4.4 for prescribed leadtimes and C1.4.4.5 for additional service date information.* For DSN service, see C4.4.1 for additional information. *EMSS requirements will include the service activation date of the Subscriber Identity Module (SIM) card.*

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 (99, 00); e.g., 151200Z JUL 00. New circuits should be started on Mondays, and circuits should be discontinued on Fridays (holidays excepted) whenever possible. *Also see C1.4.4 and C4.3.8. See tables T4.1, T4.2, T4.3, and T4.4 for prescribed leadtimes.* For DSN service, see C4.4.1 for additional information. *EMSS requirements will include the equipment delivery date.*

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 a Start/Temporary TSR, the TCO may provide the first four characters of the CCSD. All codes must be assigned in accordance with reference 4.14, chapter 14. For a equipment-only TSR, 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 DIIGIG P/U code from reference 4.14, chapter 14, if a CCSD has not been assigned or if the existing P/U code is to be changed.

109. **GIG Tech Schedule Item Number.** If appropriate, enter the GIG item number from chapter C1, table T1.2. (See C1.5.3.)

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
Multipt S/R
Multipt R/O
Half Duplex R/O
Full Duplex (N)
Half Duplex (N)
Multipt S/R (N)

111. **Modulation Rate/Bandwidth.**

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 reference 4.14 chapter 9.

If alternate voice/record service is requested, indicate actual modulation rate of the record service in bits per second (BS).

Legacy AUTODIN Service Modulation Rate: Although the legacy messaging network (formerly, AUTODIN) offers access line service up to 9.6KB, 1.2KB is the highest data rate obtainable via satellite path due to the affect propagation has on Mode I protocol. (The only exceptions to this are the connecting DTH Inter-switch Trunks (ISTs) which use a device called an “AUTODIN Satellite Compensation Device” (ASCID) specifically designed for termination of ISTs between the DTHs and the “Tactical AUTODIN Satellite Compensation Interface Device” (TASCID) which are designed to interface with the TYC-39 Mode VI protocol.)

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.

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 legacy AUTODIN subscriber access lines will reflect "Full Period" regardless of actual hours of communication

center operation.) Separate individual TSRs 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 GIG 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.

Programmed 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.

Programmed Reroute (PROG RERTE). A reroute path for an existing circuit. The routing of a circuit and its programmed 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 HQ DISA military satellite communications control facility.

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

Cotgncy 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 Defense Satellite Communications System (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 telecommunication service in definitions.)

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 channel capacity shown in the codes list from reference 4.14, chapter 9.

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/lWRDN (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/DWCF-CISA/ALLA Number(s)).** If item 103 is for change or discontinuance, provide the Commercial Communications Circuit Identifier (CCCI)/Communications Service Authorization (CSA), Defense Working Capital Fund-Communications Information Services Activity (DWCF-CISA), and/or the Allied Long Lines Agency (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 in item 438. If the number pertains to DWCF-CISA multiplex numbers, enter in its entirety only the number which is to be discontinued. If a particular DWCF-CISA channel is to be discontinued, enter the entire DWCF-CISA identifier including the suffix; e.g., DITCO 10647012. Do not enter DWCF-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 DWCF-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 the SAM provided by DITCO.

117. **Program Designator Code (PDC)**. The PDC must be included for all services to be leased or purchased through DITCO or DITCO activities and for services which come under the DWCF-CISA. The four-character PDC will be extracted from the DITCO 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. Up to four PDCs may be used to provide financial data for different budget information.

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 T4.1, T4.2, T4.3, and T4.4.* 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 C1.4.4.1.) NOTE: If a dollar amount is shown here, a statement must be placed in item 417 which provides justification for the expeditious handling of the requirement. This statement must include the name, rank/grade, position, and phone number of the certifying official who is verifying the validity of the need for the expedite.

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. Circuit number (last four characters of the CCSD) of up to three existing circuits.

119B. CSA number (or commercial number if non-DITCO 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. GEOLOCO and State/Country code of up to three locations to be avoided. (Separate with "/". Sample: 119c. ScottAFB/17/Ramstein/GE/camp Camp zamaZama/JA".

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 three letter transmission media code listed in reference 4.14, chapter 58. If the media to be avoided are not defined in the referenced chapter, enter a description of the media; e.g., "ALLSAT" (up to 8 characters), to avoid all satellite links, leased and Government owned. Separate each media by a slash. 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.

Sample: 119D. YES/C00/C01/ALLSAT

119D. Yes/ / /ALLSATCM

119E. Networks to be avoided. If applicable, enter specific GIG 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/Interconnecting Facility 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 the second user or first interface facility use additional worksheets with the pertinent items annotated as 120B, 121B, 122B, etc. To identify more than two users (multipoint service) or interface facilities, annotate each subsequent user or interface sheet as C, D, E, etc. The TSR 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 a TSR will identify the items requiring amendment as they were identified in the TSR being amended. If there are no non-DIIGIG facilities interconnecting the users with the DIIGIG interface point or if the service is to be leased end to end with no non-DIIGIG interconnecting facilities, no additional 120 locations are required.

NOTE: Interconnect facilities should be included in the circuit path profile starting from the "A" user location to the cloud. If there are successive user locations, show interconnect facilities from the cloud to each additional end user location.

NOTE: For interconnecting facilities use a separate item 120 through item 131 to describe each successive interconnect facility from end user to end user.

120. **Terminal/End User/Switch/Node Location/Interconnecting Facility.** Enter geographical location of user, using contracted GEOLOCO from reference 4.14, chapter 33. If the START/TEMPORARY TSR pertains to legacy AUTODIN, DSN/DTC, or DISN router service access line/tail segment requirements or EMSS service, 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 4.14, chapter 33, paragraph 3, for procedures for requesting entry of location names in the DISA GEOLOCO file. See paragraph 4, same chapter, reference 4.14, for rules governing contraction of location names to eight characters.)

Note: For interconnecting facilities, use a separate item 120 through item 131 to describe each successive interconnect facility from end to end user.

121. **State/Country Code.** Enter appropriate numeric code for States or alpha country code of user from reference 4.14, chapter 33.

122. **Area Code**. Enter appropriate GIG geographical area or subarea code for area of user from reference 4.14, 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 4.14, chapter 23, as it 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). Street address is required on all leased services; 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 Joint Army Navy (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.) If interconnecting facility include or describe media type.

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 4.14. 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, or for DISN service, enter the word "secured" in lieu of entering actual equipment nomenclature. If the location is an interconnect facility and an encryption device is used at end user location, enter the word "secured."

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.)

For voice, facsimile, and *non-non-*non-legacyAUTODIN 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 activity will specify the levels as part of the normal engineering process (if applicable).

For teletypewriter circuits, specify the current level and mode of operation (20 mA polar, 60 mA neutral, etc.) required at the user facility.

For circuits with signaling specified in item ll5, 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.

For digital service include the following:

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).

Circuit timing; i.e., synchronous, asynchronous, or isochronous.

Type of physical and electrical interface requirements; e.g. RS-232C, RS-422, RS-423, CCITT V.24, MIL-STD-188, CCITT V.35, RS-449, Ethernet, Token Ring.

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.

For interconnect facilities include:

Local Designator. Provide local designator of transmission media; e.g., local cable 102.

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 a multiplexed Government system, provide equipment nomenclature and 1004HZ test tone levels or current level and mode of operation required at both ends of the segment.

Operating Agency. Identify operating agency (Army, Navy, AF, FAA, etc.).

Loss. Provide 1004HZ transmission loss as expressed in decibels.

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, local/military, and commercial phone numbers, including area codes and email address.*

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.

132. **Location Identifier (Federal Aviation Administration [FAA] and the aviation community only)**. Enter the Location Identifier (LID) which corresponds to each service point. LIDs as referred to here are the same as the codes on tags affixed to luggage denoting the destination airport.

133. **Facility Identifier (FAA and the aviation community only).** Enter the Facility (FAC) identifier which corresponds to each service point. FACs as referred to here are the acronyms that correspond to the type of facility being supported by the service (e.g., VOR - Visual Omni Range, ARTCC - Air Traffic Control Center, etc.)

139. **NPA/NXX of Actual Service Location.** If leased services in the United States 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.

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

141-150. **Unassigned.**

151. **MSO ICDB CONTROL NUMBER**. If the TSR is for DSCS Service, enter the Military Satellite Office (MSO) Integrated Communications Data Base (ICDB) control number. The ICDB 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 ICDB number is: Army----001.) Enter "none" if the requirement is urgent and time does not permit obtaining the MSO ICDB control number prior to submitting the TSR to DISA. (See subparagraph C4.4.8.)

152. **Circuit Utilization Code (CUC)**. When requesting leased permanent International ALLA (NATO) circuits, specify a CUC from the ALLA Compendium (reference 4.15).

199. **Reserved for FAA use only.**

C3.5.2 **DSN/DTC Service Information.**

*201.**Unassigned.***

202. **Subscriber Listing**. Items 202-207 are used for the DISA DSN 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. If the listing is classified, follow procedures specified in C1.4.8.

203. **Directory-Class.** Circle the appropriate code to indicate if and how DSN number will be listed in the directory.

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

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

X-Nonpublished number.

204. **Title.** Enter the agency, command, or activity to receive the DSN 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 DWCF-CISA rate involved and is determined by the general type of service provided. Enter the recommended code from table T3.2. DITCO 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/DTC switch.
DA	Four-wire data only precedence in only.
DB	Four-wire data only routine in only.
DC	Four-wire data only send only.
DE	Two-wire data routine in only.
DF	Two-wire data precedence in only.
DG	Two-wire data send only.
DT	Four-wire data routine in and out.
DW	Two-wire data routine in and out.
DY	Four-wire data precedence in and out.
DZ	Two-wire data precedence in and out.
EB	Bridge.
EK	Key changes.
ER	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 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	PMX 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 switch routine manual in/manual out.
SO	PBX secure voice (homed on DSN switch) precedence manual in/manual out.
ST	Four-wire secure voice (narrowband subscriber terminal homed on DSN switch (NBST-V)).
SY	Four-wire secure voice (narrowband subscriber terminal homed on DSN 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.
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).

2l0. **Unassigned.**

2ll. **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 T3.3, 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.

O - 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 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/DTC 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/DTC 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 telephone number, Commercial Communications Circuit (CCCI), or CCSD the requested service is to be placed in rotary.

217. **Traffic Data for Private Branch Exchance (PBX) DSN/DTC Access.** These data are required when requesting new PBX

DSN/DTC 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 4.16is 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 table T3.1. 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. (See table T3.4).

223. **Outpulsed Digits**. In the case of a PBX access line arranged for Network Inward Dialing (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 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 4.16 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. ***Unassigned.***

229. ***Unassigned***.

230. ***Unassigned***.

231. ***Unassigned***.

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/DTC service.

237. **Thousand Levels**. Indicate thousand levels used for class A stations and for class C stations that can receive incoming DSN/DTC 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/DTC. 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/DTC 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 (DTC Only).** Specify the quantity of Erlangs of CONUS destined, routine traffic (carried load) offered by the DTC end-office to the DTC node that will be routed to locations served by the DTC.

239C. **Without Internodal Allocation Erlang Subscription (DTC Only).** Specify the quantity of Erlangs of CONUS destined, routine traffic (carried load) offered by the DTC end-office to DTC node that will be routed to locations served by the DSN. This traffic is switched to the DSN by the #5ESS at the DTC 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/DTC 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.

C3.5.3 **Legacy AUTODIN MSU Service Information.**

301. **Subscriber's Identification Number.** Provide the assigned subscriber identification number, if known. NOTE. Mode II requirements will be evaluated and approved or disapproved by DISA (OP31) Washington, DC, on a case-by-case basis. 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 the legacy messaging network (formerly 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 DTH and the subscriber are both within a single DISA Area. If interarea connection is involved, DISA (OP31) Washington, DC, will be the approval authority. For legacy AUTODIN Query/Response terminals, Mode II service is acceptable.

302. **Routing Indicator**. If a new routing indicator (RI) is required, so state and specify if requirement is for General Services (GENSER), Defense Special Security Communications System (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 reference 4.17, chapter 5, section IV. If assignment of a DSSCS RI is required, a request must be submitted in accordance with reference 4.18, 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.

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 DWCF-CISA rate involved and is determined by the general type of service provided. Enter the recommended code from table T3.5. DITCO may change the rate code if it is determined that another rate is more suitable for the requested service.

307. **Unassigned.**

308. **Unassigned.**

309. **Unassigned.**

310. **Equipment Codes for Legacy ASC Terminations**. Indicate terminal input-output language media format (LMF) capability identified in table T3.6 for CONUS and table T3.7 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. **Unassigned.**

Altroute Information. The TCO Altroute Validating Office (AVO) is Stations are responsible for ensuring that traffic altroutes are established in accordance with reference 4.20 (DISA OPLAN 1-95). 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, preferably 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. Refer to reference 4.19 for additional information concerning message altroute information and precedence level categories. Enter one of the following codes 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 failure. Time of implementation will be based on traffic conditions and directed by the global DTH system control function. Category I traffic will be altrouted as soon as possible upon direction of the global DTH system controller. Subscriber failures: If Phase I, altroute at time of failure; if Phase II, coordinate with the global DTH system control function.

3 – Normally altroute after 3 hours of failure at the direction of the global DTH system control function. If Phase I, altroute after 3 hours of outage; if Phase II, coordinate with global DTH system controller 3 hours after start of outage.

Q – Altroute action after traffic queues. Subscriber failures only. For DTH failures, “Q” equates to “O.” It is recommended that these time criteria be specified for partime 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.

Dual Access Homed Information.

322. **CCSD of Present DTH Circuit.** Dual access provides a subscriber access to a second DTH in addition to the switch on which the subscriber is normally terminated. Enter the full CCSD of the subscriber's present DTH access line 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., l, 50, or 500.

329. **Unassigned.**

330. **Collective Routing**. List any collective RIs which this subscriber should receive.

331. **Line Code**. Specify the appropriate line code as shown in Supplement S7, 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 (Q/R) Service Information. NOTE: The TCO is responsible for ensuring that the legacy AUTODIN Q/R service requirement complies with OASD C3I direction for data service. See C4.3.1, "Submission of a TSR for DIIGIG Special User Requirements."

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

336. **Dual Homed Host**. Circle YES or NO.

Query/Response (Q/R) 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 3l6.

339. **Highest Security Level for Q/R Host.**[3] Enter 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 National Security Agency Communications Security Service (NSACSS) for necessary action. All requests and data should be submitted at least 30 days before the scheduled activation or date required. (Reference 4.18 applies.)

Routing Indicator Exceptions (Q/R Terminal Only).

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

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

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

Sequential Delivery Service Information.

347. **Unassigned.**

Cryptographic Keying Materials.

348. **Unit to Provide Cryptomaterials.**

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.

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 the ASC. 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.

When KG-84 cryptodevices are to be used for mobile, tactical, contingency, exercise, or training missions (for GENSER or DSSCS), the ASC 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.

When KG-84 crypto devices are to be used for mobile, tactical, contingency, exercise, or training missions (for GENSER or DSSCS), the DTHs have a pair-wise unique keymat that has been prepositioned for potential users and is part of the Intertheather 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 use of KG-84 crypto devices for the above noted service.

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.

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. 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).

C3.5.4 **DISN Service Information.** See Supplement S12 for DISN Service.

352-362. **Deleted.**

Crypto Account Information. For "secured" subscribers that have a requirement to be connected to the classified subnetwork of the DISN, 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 DSN and commercial.

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

*366. **Crypto Account Custodian Electronic Mail Address**. Enter the crypto account custodian's organizational or personal e-mail address.*

367-400. **Unassigned.**

C3.5.5 **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, email address, and telephone number (commercial and DSN) 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. Refer to reference 4.4, chapter 5, figures 5-3, 5-4, 5-5, and 5-6 for requirements and quality assurance checklists. *EMSS service requirements will include CAPCODES in 404A.* (59-character limit per line.)

Note: CAPCODE is a unique number that is broadcast by the Iridium system to trigger the pager.

405. **National Security System (NSS)**. Indicate whether or not the requirement falls within the NSS. This item is required on the TSR. The specific entries applicable to this item follow:

405a. If the requirement is an NSS requirement, indicate "Y" (Yes) plus the condition code (1, 2, 3, 4, or 5) which which corresponds to the category (e.g., Y1). Valid codes and conditions follow.

Y1 - Requirement involves intelligence activities;

Y2 - Requirement involves cryptologic activities related to national security;

Y3 - Requirement involves command and control of military forces;

Y4 - Requirement involves equipment that is an integral part of a weapon or weapon systems;

Y5 - Requirement is critical to the direct fulfillment of military or intelligence missions. A system is not a NSS if it is used for routine administrative and business applications (including payroll, finance, logistics, and personnel management applications).

405b. If the requirement has been determined not to be an NSS, indicate "N" (No). With only minor exceptions, all DOD requirements will fall into one of the above categories.

406. **Justification for Other Than Full and Open Competition.** (See C2.2.l2). 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) 206.303-1(B). 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 ongoing 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 DITCO 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 C2.2.l2 shall be included in the justification provided to DITCO.

407. **Equipment/Service to be Acquired by DITCO.** Provide the technical specifications and the quantity for equipment/service options to be acquired by DITCO. If the technical specifications are to be provided under separate cover it should be referenced in this item. List equipment/service options 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/service options in this item should include the requirement to lease any signaling equipment. Customer Premise Equipment (CPE)/service options 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 C2.10, this Circular. This activity is usually the Communications Control Office (CCO), which is a DIIGIG 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 4.20. 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 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 positions for telephone number(s), (may include alpha numeric information to indicate DSN [D], or commercial [C], phone numbers). The slashes are required in positions 9, 12, and 16 for CCO and position 16 for CMO. No other slashes are allowed, and spaces are required to ensure slashes are in the correct positions.*

FORMAT FOR CCO --------/--/---/----------

FORMAT FOR CMO ----------/----------

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. This item is required for all RFSs which indicate in item 437 CPIWI-NO/CPIWM-NO. Where possible include the name and telephone number of an individual who can assist the long haul provider with termination information (i.e., block, jack, etc.)

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 4.21.)

For requirements which are not covered by an existing DD Form 254: Department of Defense Contract Security Classification Specification, state: "Access to classified information is required. A DD Form 254 is being forwarded to DITCO under separate cover."

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. **Shipping Information**.* 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 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 DIIGIG 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 C1.4.6.)

415A. **DISA Control Number.** For exercise circuits only. Enter the four-character DISA control number (DCN) assigned in accordance with C4.3.10. 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 C4.3.10, will be followed.

416. **Cost Threshold/DISN Estimated Cost.** 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.

Host nation cross-reference circuit ID. If the requested circuit is to traverse host nation systems between the user and the DIIGIG interface, enter the host nation's circuit ID number in this item; otherwise, the circuit ID is not required in the TSR. If host nation system routing is to be used betweenDIIGIG interface and the distant DIIGIG 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 15 character alphanumeric sequence. The first 3 characters (which must be ALPHA characters) should be selected from the following table of agency/system codes. Remaining twelve characters will be alphanumeric (all characters are not required).

CODE	MEANING
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 (STARNET)
DUM	Dummy Cross Reference ID
CFC	Canadian Forces Circuits

418. **DD Form 1368**. Designate the activity which will submit DD Form l368: Modified Use of Leased Communication Facilities, in accordance with reference 4.4.

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. In order to create a billing hierarchy prior to implementing FTS2000 services, the following information is to be identified to accommodate the TCO needs in a billing environment:

420A. **Billing Hierarchy Number**. This is a 10-digit field. The first four positions identify the agency. Positions five and six will always be 00. Positions seven through ten are unique for each agency's account (e.g., 21000021AB is Army). The billing hierarchy number should be provided on a CHANGE request.

420B. **Agency Full/Short Name**. Name of agency, and the abbreviated agency name the billing hierarchy is being completed for.

420C. **Agency Report Mailing Address.** Mailing address where the Call Detail Record (CDR) and the Report Of Service Activity (ROSA) are to be sent.

420D. **Reporting Option**. Specify 1, 2, or 3. The following represents an explanation for each response:

Receive no detail reports. You do not wish to receive reports for the agency in 420B. The agency's reports will be forwarded to the top level agency.

Receive own detail reports. You wish to receive the reports for the agency in item 420B only. Any subagency under the agency will have its reports forwarded to another organization, or sent directly to them.

Receive own and subordinate's detail reports. All reports for the agency named in 420B and all subagencies will be sent to the mailing address in item 420C.

420E. **Billing Parent Name**. The billing parent is the agency directly above you in the organizational structure, or any other agency you assign.

420F. **Agency Billing Contact (ABC)**. The ABC is the title of the person authorized to certify that all calls and features shown on the Call Detail and the service order(s) shown on the ROSA are valid.

420G. **ABC Address**. Street, building, floor, mailstop, city, state, zip code, FTS2000 phone, if available, and commercial phone number of the ABC. For customers ordering new (initial) service and requesting magnetic tapes from the vendor, complete TSR item numbers 420A through 420C, and the following additional TSR item numbers:

420H. **"USER DESIRES TO RECEIVE MAGNETIC TYPE CDR AND ROSA FROM THE VENDOR."**

*420I. **Type of Media Requested**. Cite one of the following medias:*

On-line Media:

a. Web Browser/Server Technology
b. Electronic Bulletin Board
c. Other on-line access to contractor's information systems

On-line data accessible using a personal computer running Microsoft Windows 95 or 98 operating system (or later versions of Windows as these become commercially available).

Off-line Media:

d. Electronic Mail
e. Magnetic Tape Cartridge
*f. CD-ROM with Perspective Software**
g. Write Once, Read Many (WORM)
h. 3.5 inch diskette
i. Paper
j. FAX

**Default media unless otherwise specified.*

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 4.14, 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 (lXl0-7 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:

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.

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 a discontinue TSR, specify YES or NO, as appropriate, to permit DITCO to pay remaining BTL. On a start TSR, specify YES or NO, as appropriate, to permit DITCO 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 DITCO. (A TSR 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 T4.1, T4.2, and T4.3. (See C2.2.11 for additional information.)

431. **General Classification of Service.** Circle D if the service is DIIGIG, N if the service is non-DIIGIG. Refer to the definition of GIG and non-GIG in Definitions, and to C4.3.5, for submission of a TSR for non-DIIGIG leased requirements. For DOD Agencies: Requirements submitted with "N" in item 431 must be approved by DISA and the approval cited in item 512.

*432. **Cost Indicator**.* Costs for services leased through DITCO will be applied in accordance with the policy stated in the definition for DIIGIG and non-DIIGIG in Definitions and as amplified by C4.3.7. 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 (NS3) 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 4l7).

N - used by a DOD agency when all costs are to be identified as non-DIIGIG.

D - used by any agency when all costs are to be identified as DIIGIG.

433. **Leased Equipment to be Removed.** List all leased equipment to be returned to the vendor upon operational service date of the TSR. List as much information as possible to identify the equipment, including the Uniform Service Ordering Code (USOC) and separate maintenance options.

434. **Leased Equipment to be Relocated.** List the nomenclature, model, and USOC of the leased equipment which is to be relocated by the vendor.

435. **Unassigned.**

436. **Broad Area Telephone Service (BATS).** This item is required for all START and applicable CHANGE requests for Wide Area Telephone Service (WATS) or 800 service. Provide the type of service being requested (i.e., WATS or 800), followed by the appropriate information from each of the subelements. This information will be used to establish the basis for technical and cost evaluation.

Usage Time. Submit one or more of the following options and the estimated percentage each option will be used (total of estimates must equal 100%).

Days 0800-1700 (Monday to Friday)

Evenings 1700-2300 (Sunday to Friday)

Nights 2300-0800 (same as weekend rates)

Weekends 2300-1700 (Friday-Sunday)

24 Hours Per Day, 7 Days a Week

Usage Range and Mileage Band. Identify the appropriate ranges and estimated percentage each range will be of the total requirement (total of estimates must equal 100%).

Range Number	Mileage Band
1	0-292
2	293-430
3	431-925

4	926-1910
5	1911-3000

Length of Call. Specify the estimated length of each call.

Circuit Use. Specify if the service to be provided is to use a dedicated or nondedicated circuit. Identify "dedicated" if the circuit will solely support this service. Identify "nondedicated" if the circuit will support this service plus other switched applications.

Circuit Information. If the service is to use an existing commercial circuit, identify the commercial circuit number (e.g., 618-723-4567). If a new commercial line is required, enter "new leased circuit required." If more than one line is required, indicate if the service is to be rotary.

Grade of Service. Standard grade of service is P10. P10 is the maximum number of busies out of every 100 calls. Any variation other than P10 must be stated in the same sequence (e.g., P05).

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.

CPIWI. Circle "CPIWI-YES" if DITCO 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.

CPIWM. Circle "CPIWM-YES" if DITCO 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 DITCO 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 canceled.

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

Enter equipment CSA Number if leased equipment previously obtained through DITCO is to be used.

Circle NONE if no DITCO leased equipment is involved.

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 the SAM provided by DITCO.

440. **Access to Domestic Public Switched Networks.** Specify either "will not leak" or "will leak." If the service "will not leak" into the Public Switched Network (PSN), also identify the appropriate PSN exemption category from the list below (e.g., "WILL NOT LEAK - CAT 1"). "Will Not Leak" means that the service will be exempted from surcharge. "Leak" means that the service has the capability to be switched into the PSN. This is a tariff item and does not effect the configuration of the circuit. The telephone company will automatically bill the surcharge on each private line transport service installed regardless of whether the interconnection capability exists in the customer's premise equipment or in a centrex-co type switch. This item is only applicable to services terminating in CONUS, Alaska, and/or Hawaii. Correlate to the user locations shown in 120A, 120B, 120C, etc.PSN EXEMPTION CATEGORIES

CAT 1 - Open-end (dial tone office) termination in a telephone company switch of an FX line, including common control switching arrangement (CCSA and CCSA equivalent off network access line (ONAL). However, the surcharge will apply to the voice grade circuit that carries the telephone number to a PBX or telephone set.

CAT 2 - Analog channel termination that is used for radio or television program transmission.

CAT 3 - Termination used for Telex service (restricted to data services).

CAT 4 - Termination that by the nature of its operating characteristics could not make use of telephone company common lines.

CAT 5 - May only be designated by the interexchange common carrier.

CAT 6 - Termination that the customer certifies to the telephone company is not connected to a PBX or other device 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. DITCO will acquire maintenance support, if available, for government-owned equipment acquired by DITCO 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 DITCO, 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.

Mail in Maintenance. *Maintenance will be performed on a mail in basis for EMSS equipment.*

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 United States 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".):

"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/GIG networks (DISN, DTC, DSN, legacy 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) multichannel 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 DTC/DSN, which requires nonswitched access), DITCO shall keep call-detail records and make them available for inspection as reasonably necessary for purposes of verification. For nonswitched services, DITCO 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).

C3.5.6 **Justification and Approvals.**

501. **Justification of Service Requested.** Provide justification for the requested service. If dedicated service is being requested, cite specific reasons why GIG switched systems, DTH Legacy Messaging Network (formerly AUTODIN), DISN, or DSN 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.

503. **Approval Document**. If service requires OASD, Joint Staff, CINC, FAA, National Weather Service (NWS), or National Oceanic and Atmospheric Administration (NOAA) approval, cite document which provides their approval.

504. ***Unassigned***.

505. **Justification of Precedence**. If DSN 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 abbreviated dialing is required, provide justification. Provide DSN numbers of distant end users in item 220.

507. **Justification of DSN Conference Service.**[4] Provide listing of conferees, giving name or DSN number and citing location and country if conference service is required.

508. **Justification of Offhook Service or Preemption Capability.** 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.**[5] Cite approval documentation.

511. **Unassigned.**

512. **GIG/Non-GIG Approval (Applicable to DOD Agencies Only).** Enter a statement to the effect that "Approval to designate this service as GIG or non-GIG granted by DISA (message or letter)." Not applicable to requirements for equipment only.

513. **Unassigned.**

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. 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 nonswitched 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.**

C3.5.7 **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 C2.9, C3.5.7, C4.3.6, supplement S11, and references 4.6 and 4.7 for additional information concerning the NS/EP TSP System. The service users and the TCO will need to familiarize themselves with reference 4.7 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 4.7. Federal agencies sponsoring a TSP Request for non-Federal users should also refer to references 4.6 and 4.7.

NOTE**:** A TSR dealing with TSP restoration priority service must be sent action to: MGR NCS-TSP WASHINGTON DC in addition to the normal TSR addressees (only those TSRs establishing/discontinuing TSP service or amending/changing previously provided TSP information should be sent to the OMNCS.) In addition, the TCO requesting a TSP provisioning priority must complete a SF 315: TSP Request For Service Users, to be forwarded to the TSP Program Office via phone/facsimile. This action will be followed up within 2 working days with a TSR, which will cite the TSP authorization code in TSR item 102.

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 priority, service profile, subcategory, criteria, or information pertaining to TSP assignment only. Enter "C" to request changes in service priority (up or downgrading). Also, enter any other changed information (e.g., service profile, subcategory, or criteria) as appropriate. When requesting a change in the restoration priority assignment of an existing TSP service, see instructions under item 526C for further details. Contact the TSP Program Office if any clarification is needed (DSN: 222-0040).

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.

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.

TCF/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 TSR item 521), or when requesting a different TSP restoration priority level for an existing TSP service (C in TSR 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-U.S. 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 order wire 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 (NCA) 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.

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.

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

Attack warning services:

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.

First direct SOSUS services.

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 Russia 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.

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.

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

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

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

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

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.

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.

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.

Exercise Telecommunications Services.

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.

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.

Minimum additional service requirements essential when nuclear attack threatens.

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

Minimum additional services for intelligence collection, processing, and dissemination.

Minimum additional service for Presidential communications.

Minimum additional services to support NCA communications.

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.

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

Minimum essential services for carrying out military air operations and air control when attack threatens.

Minimum weather services which are critical to military operations.

Minimum essential services for military and civil security activities used to collect, process and disseminate intelligence information.

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

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.

Minimum services for critical logistical and administrative military support functions.

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

General purpose services critical to Government operations:

Between manual switchboards.

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 figure F3.2. First, identify the subcategory shown in TSR item 526A. Requested service is qualified for the priority level corresponding to that subcategory (TSR item 526A) and service profile element(s)/detail(s) (TSR 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 TSR item 529. Information supplied in TSR 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 TSR item 526A and leave TSR 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.

NOTE: (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 restoral 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 4.7, chapter 4, table T4.1, 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 leased service). (The OMNCS receives these requests initially by phone and a facsimile SF 315: TSP Request For Service Users, followed by the TSR within 2 working days.) Otherwise omit these items. Additional information requested in TSR 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 S11 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.

527C. **Provisioning Priority Requested**. Enter the requested provisioning priority level (5, 4, 3, 2, 1, or E). See figure F3.3, 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 definitions and Supplement S11. 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. NOTE: This item must contain "Y" on the SF 315 to be a valid request.

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" words.

530. **Unassigned.**

531. **TSP Organization Code**. Enter the applicable four position code from the following list of Federal Information Process System (FIPS) codes. (NOTE: The code assigned should be associated with the organization issuing the TSR.)

Org Code	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 DISN Service Center
9703	Defense Information Systems Agency Europe
9704	Defense Information Systems Agency Pacific
9705	Defense Information Systems Agency/DITCO
97AL	Defense Intelligence Agency
97AV	Defense Investigative Service
97AS	Defense Logistics Agency
97AB	Defense Mapping Agency

97AH	Defense Nuclear Agency
97CC	USCINCCENT
97CE	USCINCEUR
97CL	USCINCLANT
97CP	USCINCPAC
97CS	USCINCSO
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
Org Code	**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
Org Code	**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.

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[1]Refer to C4.4.2.9, "Subscriber Level of Security" for additional guidelines.

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

[3] See footnote[2].

[4] Not required by DISA. Provide only when required by Joint Staff or CINCs.

[5] Required when TSR is submitted by a TCO citing the funds of a different TCO.

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*C4. **CHAPTER 4. SUBMISSION OF VALIDATED TELECOMMUNICATIONS SERVICE REQUESTS (TSRs)***

C4.1 ***General***. Telecommunications Service Requests (TSRs) for DIIGIG service will be submitted to the DISA action activity 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 have been approved by *DISA (NS3)* are considered DIIGIG assets.

C4.2 **Service Provided by DISA Action Activities.**

C4.2.1 Services provided by DISA action activities are categorized as follows:

C4.2.1.1 *GIG* service to fulfill:

C4.2.1.1.1 Special user requirements as identified below in C4.3.1.2 and C4.3.1.3. (DISA-NCR).

C4.2.1.1.2.1 Circuits/trunks within the WESTHEM.

C4.2.1.1.2.2 CONUS to Pacific.

C4.2.1.1.2.3 CONUS to Europe.

C4.2.1.1.2.4 Europe to Pacific.

C4.2.1.1.2.5 CONUS to Alaska.

C4.2.1.1.2.6 CONUS to Canada.

C4.2.1.1.2.7 Alaska to Canada.

C4.2.1.1.2.8 CONUS to Caribbean/Latin America.

C4.2.1.1.2.9 Alaska to Pacific (Mainland Alaska only, not Aleutians).

C4.2.1.1.3 Circuits/trunks within Europe, to include North Africa and the Middle East (*GIG* areas 3, 4, 5, and 6) (DISA Europe, Vaihingen, GE).

C4.2.1.1.4 Circuits/trunks within the Pacific area, to include the Aleutian Islands (Alaska) (*DIIGIG* areas 7, 8, and 9) (DISA Pacific, Wheeler AAF, HI).

C4.2.1.2 Non-*GIG* service to fulfill DOD and certain non-DIIGIG requirements.

C4.2.2 Within the foregoing categories of GIG service, there are certain requirements, such as DSN, legacy AUTODIN, DISN, weather, Canadian, and Australian requirements, that are processed differently from the others. The normal processing of service requirements is discussed in C4.3; exceptions as noted herein are covered in C4.4. The processing of non-GIG requirements is covered

in C4.3.5.

CC4.2.3 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 DIIGIG areas 1 and 2 (areas for which DISA-DSC is normally responsible), but the requirement could be in the category of "special user requirements" processed by DISA-NCR (see C4.3.1.2 and C4.3.1.3) or within one of the categories of exceptions noted in C4.2.2.

C4.3 Submission of a TSR for *GIG* Service. The following instructions pertain to submission of a TSR for *DIIGIG* service within each of the categories noted in C4.2.1.

C4.3.1 Submission of a TSR for *GIG* Special User Requirements. (Figure F4.1 pertains to processing of special user and interarea requirements.)

C4.3.1.1 A TSR pertaining to *GIG* service (circuits and trunks) required to meet the special user requirements which follow will be submitted to DISA-NCR (PROVHQS@NCR.DISA.MIL).

C4.3.1.1.1 Requirements in support of the President, the Secretary of Defense, the Joint Staff, the NMCC, and the ANMCC.

C4.3.1.1.2 Requirements to provide *GIG* service in support of the non-DOD, OMNCS operating agencies, and other non-DOD agencies authorized to use the *GIG*.

C4.3.1.1.3 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) 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-NCR (PROVHQS@NCR.DISA.MIL), for TSO processing.* During crisis and war, the European NALLA are tasked to ensure 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 and commercial carriers, to ensure that all U.S. requirements (including transatlantic circuits) are afforded the attention required to ensure satisfactory performance. The role of NALLA U.S. will complement Headquarters, DISA/DITCO operational responsibilities for transatlantic leased circuits in wartime, in accordance with annex VIII to volume I of ALLA compendium. Requirements to provide DIIGIG service to foreign governments or international organizations shall comply with references 4.23 and 4.24. The TSR will reference applicable international agreements or FMS case.

C4.3.1.2 The special user requirements that are assigned the following purpose-use codes as defined in reference 4.14: AL, AP, DJ, DP, DN, DS, FB, GV, GW, JI, KN, KR, KT, N1, PA, S8, ST, TF, VP, WH, WT will be submitted to DISA-NCR (PROVHQS@NCR.DISA.MIL), whether the requirement is for dedicated or switched network service.

C4.3.1.3 The following list of special circuits satisfy national-level requirements. *The TSR/TSO will be processed by DISA-NCR (PROVHQS@NCR.DISA.MIL).* While the DISA-NCR is the TSO authority,

ensure an information copy of the TSR is provided to all DISA activities who process the requirement.

C4.3.1.3.1 White House Communications Agency (WHCA).

C4.3.1.3.2 Presidential Support
Travel
National Airborne Operations Center (NOAC)
NORTHSTAR
Air Force One

C4.3.1.3.3 Office of the Secretary of Defense.

C4.3.1.3.4 Diplomatic Telecommunications Services

C4.3.1.3.5 Central Intelligence Agency (CIA).

C4.3.1.3.6 Department of State.

C4.3.1.3.7 DISN-c.

C4.3.1.3.8 SIPRNET - CONUS Backbone and Access.

C4.3.1.3.9 ATM - CONUS Backbone.

C4.3.1.3.10 GCCS (CONUS Only).

C4.3.1.3.11 JWICS - CONUS Backbone and Access.

C4.3.2 Submission of a TSR for Inter-DISA area and for *GIG* Areas 1 and 2 Requirements. TSR's for inter-DISA area service, and for *GIG* service within *GIG* service areas 1 and 2 will be submitted to DISA DSC, Scott AFB, Illinois. TSR's in these categories, except for special user and national level requirements, and DISA Europe requirements (see paragraph C4.2), and excluding TSR's which are processed differently from normal TSR's (see paragraph C4.4), are processed as follows:

C4.3.2.1 A TSR for *GIG* service that will extend from the *GIG* geographical area(s) served by one DISA action activity to that of another will be processed as shown in figure F4.1.

C4.3.2.2 If the requirement is for equipment only and is to be filled solely by leasing action within one specific area, figure F4.2 applies.

C4.3.2.3 A TSR for other U.S. requirements for *GIG* service within and between areas 1 and 2 will be processed in accordance with figure *F4.3*, except for "leased equipment only" requirements, covered in figure *F4.2*, and requirements for Continental Air Defense Integration North (CADIN) switched access line and interswitch trunk requirements which are processed in accordance with figures *F4.4A*, *F4.4B*, *F4.4C*, *F4.4D*, *F4.4E*,and*F4.4F*. Requirements for service in Alaska (area 9) will be submitted to DISA-PAC.

C4.3.2.4 Requirements in support of USCENTCOM (area 6) will be processed by DISA EUROPE in

accordance with figure *F4.6*.

C4.3.2.5 TSR's for service within areas 7, 8, and 9, except for special user and national level requirements, will be submitted (in accordance with figure *F4.7*) for action to DISA PAC, with information copy to CINCPAC for approval by exception. In country requirements must include CINCPAC representative approval under Item 503 of the TSR.

C4.3.3 ***Submission of a TSR for*** *GIG* ***Service Within Areas 3, 4, 5, and 6, (DISA-Europe).*** *A certified TSR for service wholly within areas 3, 4, 5, and 6, will be submitted to the appropriate DISA office and to USCINCEUR for action in accordance with figure F4.6.*

C4.3.4 ***Submission of a TSR for*** *GIG* ***Service Within Areas 7, 8, and 9 (DISA-PAC).*** A validated TSR for service in these areas, except for special user requirements, will be submitted (in accordance with figure F4.7) for action to DISA-PAC, with information copy to CINCPAC for approval by exception. In-country requirements must include CINCPAC representative approval under item 503 of the TSR.

C4.3.5 **Submission of a TSR for Non-*GIG* Leased Requirements.** A TSR for non-*GIG* leased service will be submitted directly to DITCO in accordance with figure F3.1. A TSR for non-*GIG* equipment only will be submitted directly to DITCO in accordance with figure F4.2. The TSR forwarded to DITCO for action should be addressed to: "DITCO SCOTT AFB IL//DTS//" using routing indicator "RHCUDCO." (See definitions for discussion of *GIG* requirements.)

C4.3.6 **Submission of a TSR for TSP Assignment.** Service users/TCOs 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, the TSR requesting service which may qualify for a TSP restoration priority, will be submitted to OMNCS. Detailed guidance concerning the submission of a TSR for TSP assignment is contained in C2.9, C3.5.7, and supplement S11. A TSR 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:

C4.3.6.1 In addition to the number of copies required by appropriate flow charts, a copy will be submitted to "MGR NCS-TSP WASHINGTON DC (*TSP@NCS.GOV*)" if both of the following conditions are met:

C4.3.6.1.1 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 and NS/EP subcategory criteria discussed in C3.5.7.

C4.3.6.1.2 Within the DOD, to qualify for a TSP restoration priority, the service may be leased or government owned (*GIG*), and be located anywhere throughout the world. (NOTE: TSP provisioning priorities under NS/EP are only assigned within the United States. See C2.2.4.4 and C2.2.5 for information concerning submission of communications requirements for emergency and urgent service in foreign areas not subject to NS/EP provisioning priority procedures.)

C4.3.6.1.3 The service may be provided by one or more prime service vendors and each may have any

number of subcontractors.

C4.3.6.1.4 Each occurrence of a service otherwise meeting the above requirements will require a different TSP Authorization Code and will 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.

C4.3.6.2 Within the United States, service users/TCOs 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/TCOs 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.

C4.3.6.3 The TSR, containing the appropriate TSP information, will be submitted to the OMNCS in order to accomplish one of the following TSP actions:

C4.3.6.3.1 An initial TSP assignment for a new or existing service.

C4.3.6.3.2 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.

C4.3.6.3.3 A change in a TSP assignment.

C4.3.6.3.4 A change to any information about a service which has a priority assignment.

C4.3.6.3.5 The revocation of a TSP assignment.

C4.3.6.3.6 The revalidation of a TSP assignment.

C4.3.6.3.7 A preassigned priority assignment.

C4.3.6.4 After receiving a request for a priority level assignment from a service user/TCO, the OMNCS (within 3 working days) provides a notice to the service user/TCO and applicable DISA action activity with the priority level assignment included in a TSP Authorization Code. The DISA action activity and/or DITCO, in turn, provides the TSP authorization code on a TSO/service order to a telecommunications service vendor or to a ***GIG*** Station.

C4.3.6.5 Circuits having no TSP assignment and a TSR which do not fall within the criteria above does not require approval by the OMNCS.

C4.3.6.6 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.

C4.3.7 Submission of a TSR for DIIGIG Service and Leased Terminal Equipment. A TSR which contains requirements for both *DIIGIG*service and leased terminal equipment will be submitted to a DISA action

activity as a *DIIGIG* requirement in figures F4.1 through F4.16. In these cases, DITCO will identify all circuit and related equipment costs as *GIG*, and the user terminal equipment costs as non-*GIG*, except user terminal equipment leased for DISA, which will be identified as *GIG*. Any request for deviation from this procedure will be forwarded to *DISA (NS3)* for approval.

C4.3.8 ***Submission of a TSR for Discontinuance of Service.*** A TSR will be issued to request discontinuance of service in the same format used to start service (see supplement S8 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 DITCO disconnect order or through the disconnect processing period required by tariff. Anticipated multiple disconnects should be coordinated with the DISA action activity as far in advance as possible. When circuits, equipment, or facilities have been specially constructed or assembled by commercial interests and then leased to DITCO 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 T4.1, T4.2, T4.3, and T4.4 for leadtimes.)*

C4.3.9 **Submission of a TSR for Temporary Service.** A TSR for temporary service must include the service dates in TSR 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 S8.

C4.3.10 **Submission of a TSR for Temporary Circuits in Support of an Exercise**. A TSR for temporary exercise service must:

C4.3.10.1 Contain the word TEMPORARY in item 103.

C4.3.10.2 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.

C4.3.10.3 Include disconnect date in item 114 and "TEMP-EXEC" in item 112.

C4.3.10.4 If applicable, enter the DISA Control Number (DCN) in item 415A. Assignment and content of the DCN is as follows:

C4.3.10.4.1 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:

C4.3.10.4.2 Sponsored by Joint Staff or a CONUS-based unified or specified command or MILDEP, and the sponsor or sponsor's TCO has specifically requested a DCN be assigned. The DCN will be assigned and distributed by DISA-DSC Scott AFB, IL.

C4.3.10.4.3 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.

C4.3.10.4.4 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.

C4.3.10.5 The DCN consists of four alphanumeric characters, constructed as follows:

C4.3.10.5.1 First character: Exercise sponsor; e.g. unified and specified commands, Army, Navy, etc., using the agency codes from reference 4.14, chapter 14.

C4.3.10.5.2 Second character: The last position of the calendar year the exercise is to be held; e.g., 8 for 1998.

C4.3.10.5.3 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 C4.3.10.6 below.

C4.3.10.6 DCN serial number block assignment:

01-24 DISA NCR, Reston, VA
25-49 DISA DSC, Scott AFB, IL
50-74 DISA-EUR, Vaihingen, GE
75-99 DISA-PAC, Wheeler AAF, HI

C4.3.10.7 DCN example: R801, which indicates that the exercise is sponsored by a unified or specified command. The exercise will be held in 1998 and serial number 01 is assigned. The number was assigned by DISA-DSC, which is apparent from the serial number (last two characters). (See subparagraph C4.3.10.3 above for serial number block.)

C4.3.10.8 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.

C4.3.10.9 All other items apply as specified for start service in supplement S8.

C4.3.11 **Submission of a TSR 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 C3, TSR item 117, this Circular for UK DTN funding citation instruction.)

C4.3.l2 **Submission of a TSR for Public Data Network (PDN) Services.** PDN services are broken down into three distinct categories with separate processing procedures.

C4.3.l2.1 **Network Service.** This category includes all requirements for dedicated circuit access to the PDN. Considered *GIG* 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. DITCO 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 the TSR to a DISA action activity. 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 activity. See figure F4.17 for processing requests for network service.

C4.3.l2.2 ***Overseas Access.*** This category of service involves the connection of overseas dial-up users to a CONUS PDN. Considered non-DIIGIG service, a TSR is forwarded by the TCO directly to DITCO Scott or DITCO Europe. DITCO Scott contracts for service in Hawaii and Alaska through CONUS PDN carriers, while DITCO Europe contracts through Postal Telephone and Telegraphs (PTT) or other authorized agents in DISA areas 3, 4, 5, and 6. In Pacific areas other than Hawaii, military activities acquire service through their appropriate MILDEP acquisition authorities. See figure F4.18 for processing instructions.

C4.3.l2.3 ***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, the TCO forwards a TSR directly to DITCO or DITCO Europe on behalf of electronic mail network sponsors. DITCO Scott contracts for service in CONUS, Hawaii, and Alaska from domestic carriers while DITCO Europe processes requirements to carriers and other offerors in DISA areas 3, 4, 5, and 6. See figure F4.19 for requirements flow. Designated MILDEP contracting activities lease requirements in Pacific area other than Hawaii. DITCO 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.

C.4.3.13 **Submission of a TSR 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.

C.4.3.13.1 Initial PAT settings of a DSN switch. Initial PAT settings for DSN switches are established as described below:

C4.3.13.1.1 Switches with prior *DSN* access. When an existing PBX with *DSN* 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 DSN access lines, by precedence level and calling area, that were in service prior to cut-over. This does not require reference 4.16 action; however, TSR messages must still be submitted by a TCO for network management and billing purposes. A TSR to deactivate PBX trunks being replaced by a PAT must also be submitted to avoid duplicate billing.

C4.3.13.1.2 Switches without prior *DSN* access. Locations activating DSN EO that do not presently receive *DSN* service via *DSN* access lines will follow the procedures for new PAT settings as described in C4.3.13.2 below.

C.4.3.13.2 New PAT settings or changes to authorized PAT settings. The process for establishing new PAT settings or changing established PAT settings is outlined below:

C4.3.13.2.1 Approval for precedence users must be obtained in accordance with Annex B to Appendix A of reference 4.16.

C4.3.13.2.2 After determining the user population by precedence and calling area capability (MCAI/MCAP), the PAT ratio tables T6.1 through T6.3 in reference 4.25 will be used for guidance in calculating switch PAT settings.

C4.3.13.2.3 Upon certification of requirements, the TCO will generate a record purpose TSR to order new PAT settings, or change existing PAT settings. As a minimum, the TSR 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 TSRs are required.

C4.3.13.3 For actions affecting OCONUS locations, the TCO will ensure that the TSR is sent action to: DITCO//DTC// for billing purposes; DISA Area Centers (DISA PAC//DPSM// or DISA EUR//DEIS//); and information to: DISA WASHINGTON DC *(NS3*).

C.4.3.13.4 For actions affecting Western Hemisphere (WESTHEM) locations, the TCO will ensure that the TSR is sent to: DITCO//DTC// for billing purposes; O&M location controlling switch activity; and information to: DISA WASHINGTON DC (*NS3)*.

C4.3.13.4.1 The DISA area centers (DISA-PAC/DISA-EUR) will process the TSR and generate a Switch Revision Message (SRM) in accordance with reference 4.26. SRM messages will be sent to the TCO activity which generated the TSR and to the O&M location controlling switch activity. The PAT SRM will be used in OCONUS only. Within WESTHEM, switch notification is an O&M TCO responsibility.

C4.3.14.4.2 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 C2.10, of this Circular. A PAT CRP example is contained in Supplement S1 of this Circular.

C4.3.14 **Submission of a TSR for DSN-Europe Precedence Dialing Behind the Switch (PDBS) Service.** The following guidance provides the DSN-Europe management and service ordering community with the necessary information to support the change from DSN PAT precedence service ordering/billing to two-wire PDBS ordering/billing. PDBS service is applicable at locations where the PAT capability does not exist (i.e., within the Siemens KNS-4100 DSN switches and Italtel BX-5000 DSN switches).

C4.3.14.1 **Background Information**.

C4.3.14.1.1 For the purpose of this discussion, the term "precedence service" refers to the DSN defined precedence levels of priority and higher. The two-wire telephone instrument will form the main unit for DSN-Europe precedence service. The switch mechanism to allow/deny precedence service will be the individual telephone instrument's classmark.

C4.3.14.1.2 In the case of Northern Telecom DMS 100/200 DSN switches that have a PAT, the PAT feature will no longer function as the precedence controlling mechanism for the two-wire telephone instruments. The appropriate PAT "restriction" function will be removed via TSR/Switch Revision Message (SRM) in accordance with the instructions contained in subparagraph C4.3.13 above.

C4.3.14.1.3 DSN switch attendant positions will still require a PAT precedence controlling mechanism for which subparagraph C4.3.13 above applies. Since this feature is available in all the DSN-Europe multifunction switches (MFS) and end offices (EO), this does not present an operational problem.

C4.3.14.1.4 Any/all remaining 4-wire telephone sets and PBXs are also covered under this new precedence service arrangement. The same precedence controlling mechanisms in place today will still apply. The current TSR ordering procedures for these type services remain unchanged.

C4.3.14.2 **Precedence Service Authorization (CJCSI 6215.01)**. Reference 4.16, which replaced the CJCS MOP 8, is the governing directive that covers the authorization to have and use DSN precedence service. Approved reference 4.16 authorizations will form the basis for DISA Europe monitoring of DSN precedence service in theater. All precedence service within DSN-Europe must be approved through the reference 4.16 process.

C4.3.14.3 **TSR Ordering Procedures/TSR Format**. The following ordering procedures are provided to identify the minimum essential information elements necessary to establish billing records in DITCO and to monitor PDBS service by DISA Europe. The TCO may include more data elements than required by DITCO/DISA Europe. Although the TSR paragraphs shown below constitute an "abbreviated TSR," the TCO may submit full TSRs to establish their PDBS service. Regardless of the type of TSR used, the TSR must contain the following items: 101, 103, 105, 106A, 116, 117, 120A, 121A, 122A, 123A, 130A, 131A, 209, 213, 401 (this item will contain the full telephone number of the two-wire instrument), 402, 409, 505. A PDBS TSR example is contained in supplement S4.

C4.3.14.4 **Flow of a PDBS TSR**.

C4.3.14.4.1 Requirement will be processed through user's chain of command. Precedence authorization will be requested as outlined in reference 4.16.

C4.3.14.4.2 Disapproved reference 4.16 actions will be passed back to the submitting organization (MAJCOM, MACOM, etc.). Approved authorizations will be confirmed back to the submitting organization for RFS preparation and to DISA Europe for Single System Management (SSM) tracking action.

C4.3.14.4.3 TCO will submit a TSR to DISA Europe/EU322 for SSM implementation tracking action and to DITCO/DTC1 for billing action.

C4.3.14.4.4 DISA Europe/EU322 will process the requirement and forward an SRM to the appropriate

DSN switch for action and info to all TSR addressees.

C4.3.14.4.5 Activity normally responsible for completion reporting (i.e., switch O&M activity/CCO/CMO) must provide an in-effect report, action to both DISA Europe and DITCO/DTC1, as will as to all TSR/SRM addressees. DITCO will use the in-effect report to start/stop billing.

C4.4 **Exceptions to Normal TSR Processing Procedures**.

C4.4.1 **GIG Switched Voice (DSN) Requirements**.

C4.4.1.1 A TSR for DSN service are processed in accordance with flow charts, figures F4.9, F4.10, and F4.11.

C4.4.1.2 DISA-DSC reviews all requests for *GIG* switched voice access line service and changes to existing service within *GIG* areas 1 and 2, except for special requirements shown in subparagraphs *C4.2.2* and *C4.3.1*, for compatibility with establishing directives prior to releasing to DITCO for leasing action.

C4.4.1.3 Leadtimes for normal switched voice requirements are shown in tables T4.1, T4.2, and T4.3.

C4.4.1.4 "Emergency NS/EP" requirements within CONUS may be handled by oral coordination, with documentation following within 48 hours. The DISA GNOSC duty officer during nonduty hours may order "Emergency NS/EP" requirements through the contractor representative stationed at DISA GNOSC or through the DITCO duty officer. (See information in C2.9, C3.5.7, C4.3.6, and Supplement S11 for information concerning processing of an "Emergency NS/EP" TSR.)

C4.4.1.5 Certain types of normal DSN 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 activity.

C4.4.1.6 A TCO can designate a specific GIG 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.

C4.4.1.7 All requirements for *GIG* switched voice service processed in the form of an implementing plan will be submitted to DISA (NS) with information copy to DITCO or the DISA action activity concerned. Leasing or allocation action will not be initiated until engineering, scheduling, and specific authorization are granted by DISA (NS).

C4.4.1.8 As a normal procedure, *GIG* 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 will specify in the TSR if new requirements are or are not to be placed in rotary with existing lines.

C4.4.1.9 The procedures to be utilized for approval of requirements are contained in reference 4.16. Joint Staff and CINC approval and coordination will be completed prior to the submission of the TSR.

C4.4.1.10 Standard guidelines for original *GIG* switched voice access line network-in-out-dial (NIOD) configurations and conversions are set forth in reference 4.25. When ordering such service, all requests for configurations, rearrangements, or conversions *of DSN* access line service must be in accordance with the guidelines contained in reference 4.25.

C4.4.1.11 Certifying activities for DOD subscribers served by a General Services Administration (GSA) Exchange will forward any requirements for GIG switched voice service for these subscribers in accordance with the procedures outlined in figure F4.9, providing the regional GSA representative and the GSA concur in terminating the GIG switched voice to the GSA Exchange.

C4.4.1.12 In overseas areas, the DISA area will provide DSN 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.

C4.4.2 Defense Message System (DMS) Transition Hub (DTH) Legacy Messaging Network (formerly AUTODIN) Requirements.

C4.4.2.1 Processing of Requirements. A TSR for DTH (legacy AUTODIN) service from departments, offices, and agencies of the DOD, other than those excluded by subparagraphs C4.3.1.2 and C4.3.1.3 above, is submitted and processed in accordance with flow charts shown in figures F4.12, F4.13, and F4.14. A TSR for DTH (legacy AUTODIN) service to fulfill GIG interarea routings and special user requirements covered in subparagraphs C4.3.1.2 and C4.3.1.3 are processed in accordance with the flow chart in figure F4.1.

C4.4.2.2 **Evaluation of Requirements.**

C4.4.2.2.1 Each requirement for DTH (legacy 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 upgrade 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. The TCO should consider authorizing the retention of existing terminals for a short time after activation of the new terminal to ensure 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.

C4.4.2.2.2 DISA areas review all requests for DTH (legacy AUTODIN) access lines terminating within their respective area, except as prescribed in subparagraph C4.4.2.4, 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.

C4.4.2.2.3 The DISA Operations Directorate (OP) will review and evaluate all requests for DTH (legacy AUTODIN) service to fulfill GIG interarea and special user requirements and requirements for the use of GIG 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.

C4.4.2.3 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 activity 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 a different ASC to make the termination available. Cost involved in making such rehomes must be borne by the agency requiring the specific ASC assignment. The DISA action activity will inform the TCO of the cost involved in making the specific ASC assignment.

*C4.4.2.3**DTH (formerly AUTODIN Switching Center (ASC) Assignment).**The TCO may recommend a specific DTH in the TSR for any legacy AUTODIN circuit and will designate the DTH 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 DTH indicated. The assignment of the DTH will be made by the DISA action activity concerned, based on considerations such as the TCO-recommended DTH, community of interest, geographical location, and other pertinent factors. When diverse routing or dual homing requirements necessitate termination of an access line into a specific DTH, it may become necessary to rehome other access lines to a different DTH to make the termination available. Cost involved in making such rehomes must be borne by the agency requiring the specific DTH assignment. The DISA action activity will inform the TCO of the cost involved in making the specific DTH assignment.*

C4.4.2.5 ADPE Requirements.Plans to utilize existing or future ADPE, either government-owned or leased through source other than DITCO, as AUTODIN terminals or interface devices, will be coordinated with DISA (D3) 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 ensure compatibility with the network.

*C4.4.2.4 **ADPE Requirements.** Plans to utilize existing or future ADPE, either government-owned or leased through source other than DITCO, as legacy AUTODIN terminals or interface devices, will be*

coordinated with DISA (OP) prior to the initiation of action to acquire or utilize the equipment, and prior to the release of a TSR requesting connection to legacy AUTODIN. This coordination will enable DISA to ascertain that the equipment meets established criteria and to ensure compatibility with the network.

C4.4.2.5 **Leadtimes.**

C4.4.2.5.1 Normal requirements for access line service are processed for implementation based on the lead times shown in tables T4.1, T4.2, and T4.3.

C4.4.2.5.2 Certain types of service requirements can be processed without reference to the lead times. 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 activity.

C4.4.2.6. ***Role of DITCO.*** *DITCO provides central inventory control of leased GIG equipment, to include that available for lease; i.e., that authorized but not yet operational and that deactivated and pending release from GIG use. In this capacity, DITCO monitors the status of leased equipment items from the time of acquisition or allocation for the GIG until final disposition; i.e., time item is released from GIG resource status by sale, destruction, or return to control of non-GIG activity. An equipment item pending installation as an operational element of the GIG becomes a GIG asset upon acquisition or allocation to GIG, until DISA determines that there is no further GIG use for the item and directs its disposition.DITCO also provides the TCO with the status of these nonoperational leased equipments.*

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*C4.4.2.7****Actions Required for Service****.*

C4.4.2.8.1 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 4.11 will be completed prior to submission of the TSR.

C4.4.2.7.1 The submission of a TSR, containing the details of the request for legacy AUTODIN service, is the first of several actions required in providing this service. Coordination in accordance with reference 4.11 will be completed prior to submission of the TSR.

C4.4.2.7.2 The DISA action activity, 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.

C4.4.2.7.3 In-Effect Report/DTH Action Notices are prepared by the DTH in accordance with reference 4.12. These notices provide the operational data for network management. They are required for both leased and government-furnished circuits, and may be submitted in lieu of a completion report.

C4.4.2.8 **Subscriber Level of Security**. Provided below are guidelines concerning subscriber level of security and/or assignment of special category (SPECAT) codes (i.e., SPECAT A and SPECAT B).

C4.4.2.8.1 Change in security classification level, e.g., secret to top secret, unclassified to confidential or vice versa, requires a TSR action.

C4.4.2.8.2 A prerequisite to assigning SPECAT A and B codes to a subscriber terminal is that the access line be assigned a security level of top secret.

C4.4.2.8.3 The Joint Staff is the approval authority for SPECAT SIOP-ESI (SPECAT A) level requirements. As such, prior Joint Staff approval will be obtained and referenced in item 503 of the TSR in cases involving new subscriber access line starts. (This policy does not apply to DTH legacy interswitch trunks.) Requests forwarded to the Joint Staff to classmark a terminal SIOP-ESI (SPECAT A), will contain the RI, PLA (for existing circuits), user identification, and complete justification. Subsequent approval or disapproval by the Joint Staff will be sent by message to the requester, DISA, and the United States Military Communications Electronics Board (USMCEB) for appropriate action. The request forwarded to the Joint Staff will be submitted by formal message to the following addressees as a minimum:

TO JOINT STAFF WASHINGTON DC//J3//J36/STRAT OPS//
INFO DISA *DII MESSAGING* WASHINGTON DC
GLOBAL DTH SYSTEM CONTROL FORT DETRICK MD
USMCEB WASHINGTON DC

C4.4.2.8.4 Authorization for SPECAT less SIOP-ESI (SPECAT B) level requirements is a service/agency responsibility. Requests are forwarded to the respective TCO for validation.

C4.4.2.8.5 TSR action need not be submitted for assignment of SPECAT A and SPECAT B codes provided the existing circuit is already authorized a security level of top secret. Following Joint Staff approval for SPECAT A and TCO validation of SPECAT B, subsequent promulgation and authorization for the ASC to classmark a circuit for SPECAT A or B level traffic can be accomplished via the JAFPUB process in accordance with reference 4.27.

C4.4.2.10 ***Traffic Restoral***. *In the event of AUTODIN switch, circuit, or terminal failure, procedures for restoring traffic to AUTODIN subscribers are contained in reference 4.19.*

*C4.4.2.9****Traffic Restoral***. *In the event of DTH switch, circuit, or terminal failure, procedures for restoring message traffic to its subscribers are contained in reference 4.19.*

*C4.4.2.10****Terminal Deactivation***. *If a subscriber terminal is to be discontinued, the responsible TCO must advise other users who depend on the terminal for altroute traffic of the pending deactivation.*

C4.4.3 **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.

C4.4.3.1 A TSR for USAF-controlled weather service within CONUS will be processed in accordance with flow chart, figure F4.14.

C4.4.3.2 A TSR from DOD and non-DOD agencies for National Weather Service (NWS) within Alaska will be forwarded for authorization and processing in accordance with figure F4.19 to: 701 C Street, P.O. Box 23, Anchorage, AK 99513.

C4.4.3.3 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 action activity.

C4.4.3.4 Requirements for CONUS weather service by non-DOD agencies that use DITCO as a leasing agency will be processed in accordance with figure F3.1. 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.

C4.4.3.5 All other weather service requirements will be processed in accordance with figures F4.1, F4.3, or F4.4 as appropriate.

C4.4.4 **Canadian Government-Originated Military (non-CADIN) and Nonmilitary Requirements.**

C4.4.4.1 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 DIIGIG areas 1 and 2.

C4.4.4.2 To take advantage of reduced rates available through bulk ordering and to enable the Canadian government to use U.S. Government-owned facilities within DIIGIG areas 1 and 2, when available, the TSR for these requirements is processed in accordance with figure F4.16. CADIN switched access line and interswitch trunk requirements are processed in accordance with figures F4.4A through F4.4F.

C4.4.5 **U.S./Australian Military Requirements.**

C4.4.5.1 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.

C4.4.5.1.1 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.

C4.4.5.1.2 Defense Canberra performs a DITCO-type function for Australian carriers. DITCO transfers funds to Defense Canberra for the Australian portion of U.S. international circuits.

C4.4.5.1.3 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.

C4.4.5.1.4 In-country circuits follow CCITT standards. Data leases are digital, not modem-analog.

C4.4.5.2 U.S. and Australian military requirements will be processed as follows:

C4.4.5.2.1 Defense Canberra requirements are processed to DISA-PAC and CINCPAC with fund commitment. DISA-PAC coordinates CINCPAC approval and transmits action to DISA or DISA-DSC or takes TSO action, as appropriate. Routing by DIIGIG facilities will be on an as-available basis unless otherwise directed by CINCPAC.

C4.4.5.2.2 Joint requirements will be coordinated between the TCO and Defense Canberra before the TCO submits the TSR.

C4.4.6 **Defense Red Switch Circuits.** The Defense Red Switch systems are unique in that they are considered totally *GIG,* down to and including the terminal instrument. For this reason, a "record purpose only" TSR is required for on-base subscriber access lines acquired by local lease action or provided by Government owned cable plants. The TSR will be issued to assign a CCSD and satisfy *GIG* data base requirements with respect to terminal activations, deactivations, and relocations. The TSR will be submitted in accordance with chapter C3.

C4.4.7 **Defense Satellite Communication System (DSCS) Requirements**.

C4.4.7.1 Requests for DSCS service will be processed in accordance with reference 4.28. Approved requirements will be submitted in accordance with chapter C3 of this Circular to the appropriate DISA action activity through the department or agency TCO in TSR format.

C4.4.7.2 Approved requirements are those processed in accordance with reference 4.28 and entered into the military satellite office (MSO) Integrated Communications Data Base (ICDB). As requirements are entered in this data base they are assigned a MSO ICDB control number. This control number will be entered in circuit TSR item 151. TSR processing, and possibly service date, will be delayed if MSO ICDB control number (validated in accordance with reference 4.28 procedures) is not provided.

C4.4.7.3 If the requirement is urgent and time does not permit normal processing to obtain the MSO ICDB number, enter "none" in item 151 and cite the approving correspondence in item 503.

C4.4.7.4 A TSR for DSCS service will include DISA (NS) as an information addressee.

C4.4.8 **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 support of such plans and is an established vehicle for obtaining necessary concurrences, validations, and information.

C4.4.9 **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 with the exception that the TSR will include DISA, Attn: NS, as information addressees. Contact DISA (NS) for special TSR guidance.

C4.4.10 **Defense Information System Network (DISN) Requirements.** Requests for DISN service will be processed in accordance with information contained in Supplement S12 to this Circular.

C4.4.11 **DISN-C Requirements.** Requirements for DISN-C will be processed through DISA-NCR to DITCO-NCR. If the requirement cannot be satisfied through DISN-C, DISA-NCR will forward the requirement to DITCO-Scott for leasing action.

C4.4.12 ***Enhanced Mobile Satellite Services (EMSS) Ordering Procedures.***

C4.4.12.1 EMSS service, also known as Iridium service, is available as a service offering through DISA. Information concerning the service can be found on DISA Direct at www.ditco.disa.mil/products/asp/welcome.asp/. See table T4.4 for prescribed EMSS leadtimes.

C4.4.12.2 Customers/users who have Subscriber Identity Module (SIM) cards and/or equipment from the previous Iridium period (April 1999 - March 2000),and did not discontinue service through DISA, should find that the service still works. If it does not, contact Motorola's Customer Care Center at their toll free number: 1-877-449-0601 or CML: 480-726-1048, DSN: 312-282-1048 for assistance.

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SUPPLEMENT S1. *DISAC 310-130-1*

EXAMPLES OF IN-EFFECT REPORTS

IN-EFFECT REPORT

FM CIRCUITACTS@ANDREWS.AF.MIL

TO PROVTMS@SCOTT.DISA.MIL

TSP@NCS.GOV

INFO ALL ADDRESSEES IN TSO
BT
UNCLAS
SUBJ: IN-EFFECT REPORT
A. DISA TMSO TSR-TSO-CRP-TRF QT 011500Z FEB 99
1. W91234/A12303
2. AA15JAN891234
3. ABCDA123
4. AT DP22343018, ALLA DP010334V
5. CHANGE
6. A. 011500Z APR 99
B. 271300Z MAR 98
7. REMARKS
8. POC INFORMATION
9. TSP12345C-03
BT

PAT In-Effect Report (OCONUS Location)

FM CIRCUITSACTS@YOKOTA.AF.MIL

TO PROVPAC@PAC.DISA.MIL

AFTCO@HICKMAN.AF.MIL

INFO DISNNE@NCR.DISA.MIL

DITCOATD@SCOTT.DISA.MIL

INFO ALL ADDRESSEES IN THE SRM

BT

UNCLAS
SUBJ: PAT IN-EFFECT REPORT
A: REF SRM MESSAGE
1. N/A
2. BJ12JUL990119
3. N/A

4. PAT CSA NUMBER (if known)
5. START
6.A. 230001Z OCT 99
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 CKTACTS@SCOTT.AF.MIL
TO PROVPAC@PAC.DISA.MIL
AFTCO@HICKMAN.AF.MIL
INFO DISNNE@NCR.DISA.MIL
DITCOATD@SCOTT.DISA.MIL
INFO ALL ADDRESSEES IN THE TSR
BT
UNCLAS
SUBJ: PAT IN-EFFECT REPORT
A: REF TSR MESSAGE
1. N/A
2. DV31OCT97927727
3. N/A
4. PAT CSA NUMBER (if known)
5. START
6.A. 310001Z DEC 98
B. N/A
7. N/A
8. SWITCH SUPERVISOR, 375TH CG/SCLP, DSN 576-2636
9. N/A
BT

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SUPPLEMENT S2. DISAC 310-130-1

EXAMPLES OF EXCEPTION REPORTS

EXCEPTION REPORT

FM CRTACTS@ROBERTS.AF.MIL
TO DISA TMSO TSR-TSO-CRP TRAFFIC SCOTT AFB ILPROVTMS@SCOTT.DISA.MIL
INFO ALL ADDRESSEES ON TSO
BT
UNCLAS
SUBJ: EXCEPTION REPORT
A. DISA TMSO TSR-TSO-CRP-TRF QT 011500Z FEB 96
1. W65678/F555-02
2. WA10JAN960123
3. UKKEF555
4. NA
5. CHANGE
6. A. 101600Z APR 96
B. NA
7. B.
8. REGEN CURRENTLY BEING PROCURED. EXPECT INSTALLATION APPROX 30 APR 96.
9. POC INFORMATION
BT

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SUPPLEMENT S3. DISAC 310-130-1

EXAMPLE OF DELAYED SERVICE REPORTS

DELAYED SERVICE REPORT

FM *N314@NCTAMSPAC.NAVY.MIL*
TO *PROVPAC@PAC.DISA.MIL*
INFO ALL ADDRESSEES ON TSO
BT
UNCLAS
SUBJ: DELAYED SERVICE REPORT
A. DISA PAC TSR-TSO-CRP TRF DPIE 011500Z FEB 96
1. P61115/K123-01
2. NA15DEC950123
3. BUAAK123
4. NA
5. START
6. A. 012200Z APR 96
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 96.
10. POC INFORMATION
BT

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SUPPLEMENT S4. *DISAC 310-130-1*

EXAMPLE OF A DSN START ELECTRONIC MESSAGE

R 100312Z SEP 99
FM: *DSC1@SCOTT.DISA.MIL*
TO: *PROVPAC@PAC.DISA.MIL*
TSP@NCS.GOV

INFO (as appropriate)

BT
UNCLAS
SUBJ: TELECOMMUNICATIONS SERVICE REQUEST
101. BJ1OSEP990348
103. START
105. DSN
106A. 300800Z JUN 99
106B. 150001Z JUN 99
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
43l. D
503. PREVIOUSLY APPROVED BY CINCPAC IN MSG 082315Z AUG 98
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 99
FM AFTCO PAC HICKAM AFB HIAFTCO@HICKMAN.AF.MIL
TO DISA PAC WHEELER AFB HI//DPSM//PROVPAC@PAC.DISA.MIL
DITCO SCOTT AFB IL//RRB//
DITCOATD@SCOTT.DISA.MIL
INFO DISNNE@NCR.DISA.MIL
BT
UNCLAS
SUBJ: TSR
101. BJ12JUL990119
103. START
106A. 230001Z OCT 99
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 ABBREVIATED TSR FOR TWO-WIRE PDBS-DSN EUROPE

R 191831Z JUL 99
FM DISA-EUR@EUR.DISA.MIL

TO PROVEUR@EUR.DISA.MIL

FINANBIL@SCOTT.DISA.MIL

INFO DISNNE@NCR.DISA.MIL

UNCLAS

SUBJ: TSR
101. BF12JUL990119
103. START
105. DSN
106A. 250001Z SEP 99
116. NEW
117. 1UXABA
120A. RAMSTEIN
121A. GE
122A. 4
123A. SCM
130A. SUPVR 86CG/SCLPI, DSN 489-2525
131A. 86CG/SCLPI APO AE 09094
209. TZ
213. 2
401. START TWO-WIRE DSN PDBS CAPABILITY FOR SUBSCRIBER #480-5678 IN SUPPORT OF THE 86TH AIRLIFT WING COMMAND POST, LOGISTICS POSITION.
402. MR. CLAY FLETCHER, DISA DPIC-EUR, DSN: 314-489-1110
409. 786CG/SCMTU/A314-999-1212
505. APPROVED BY CINCEUR MSG, ECJ6-DS, 141800Z JUN 95
BT

KEY PARAGRAPHS FOR ASSIGNMENT OF CSA NUMBER

105/122A = DSN-EUROPE ("ETS" IN CSA TELCO FIELD)

121A. = COUNTRY (TWO-LETTER COUNTRY IN CSA PREFIX FIELD)

209. = TZ ("t" IN FIRST DIGIT OF CSA ID FIELD)

401. = TELEPHONE NUMBER ("05678" IN LAST FIVE DIGITS OF CSA ID FIELD)

120A. = GEOLOCO (DITCO WILL TRANSLATE "RAMSTEIN"

TO "RST" IN CSA SUFFIX FIELD)

101. TSR NUMBER

117. PDC

212. MCAI

213. MCAP

RESULTING CSA: ETS GE TO5678 RST

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SUPPLEMENT S5. DISAC 310-130-1

EXAMPLE OF A SINGLE DISCONTINUE TSR ELECTRONIC MESSAGE

R 101147Z AUG 99
FM TCOSS@HQASC.ARMY.MIL
TO PROVHQS@NCR.DISA.MIL
TSP@NCS.GOV
INFO NISA-POPNCO@HQDA.ARMY.MIL
BT
UNCLAS
SUBJ: TELECOMMUNICATIONS SERVICE REQUEST
A. DISAC 310-130-1 (U)
B. USAISC-PTC ASNKP-PO 101900Z AUG 98 (U) NOTAL
C. 1985 R&R STATEMENT, RCS CC-54, 5 AUG 98 (U) NOTAL
101. WA12AUG988888
102. TSP12345C-02
103. DISCONTINUE
105. DEDICATED
106A. 311800Z AUG 99
106B. 311800Z AUG 99
107. DUADPPPP
112. FULL PERIOD
116. AT D 08514
117. BBDADC
120A. PENTAGON
121A. 51
122A. B
123A. ZAZ
124A. NMCC
125A. 3E770
130A. MR. JOHN DOE, DSN 225-3333, COML 202-695-3333
120B. FTRITCHI
121B. 24
122B. B
123B. XXX
124B. BLDG 701
125B. ROOM 10
130B. MS. JANE DOAKES, DSN 988-2222, COML 717-878-2222
401. DISCONTINUE CIRCUIT AND ASSOC CSA'S IN THEIR ENTIRETY.
402. MR GEORGE AFTON, DSN 879-2211, COML 602-538-2211
417. CUSTOMER DESIRES EARLIEST POSSIBLE SERVICE DATE.
514. CONAUG98P156
521. D
BT

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SUPPLEMENT S6. DISAC 310-130-1

EXAMPLE OF A MULTIPLE TSR ELECTRONIC MESSAGE

BT
UNCLAS
SUBJ: MULTIPLE TSR
A. 1961 COMM GP 140318Z JAN 99
B. CINCPAC 162120Z JAN 99
THIS MESSAGE IN 4 PARTS
PART 1
101. BH10FEB990048
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. BH10FEB990049
etc.
PART 3
101. BH10FEB990050
etc.
PART 4
101. BH10FEB990051
etc.
BT

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SUPPLEMENT S7.*DISAC 310-130-1*

SUGGESTED FORMAT ON WHICH LOCALLY PREPARED WORKSHEETS MAY BE BASED

"DJBT" must be entered in the CIC block of the message form.

/CIC/DJBT/

FM: ----------

TO: ----------

INFO: ----------

(Limit all entries to 69 characters per line)

----------Classification

SUBJ: Telecommunications Service Request/Multiple TSR (Line out inappropriate entry.)

Reference: A. ----------

B. ----------

C. ----------

This message in ---------- parts. (Use numeric; e.g., l, 2, l0, etc.) (Delete if message contains a single TSR.)

(NOTE. Item number must start in position 1 of its respective line. One blank space must be left between the period which ends an item number and the first character of text for that item.)

Part ----------. (Use numeric; e.g., l, 2, l0, etc.) (Delete if message contains a single TSR.)

101.	---------- / / / / / / / / / / / / / / ---------- **Example: AA02JAN900001A**	**TSR. Show TCO, day, mo, yr, no. (Last block is for amendment or cancellation suffix.) Enter URGENT, EMERGENCY, EMERGENCY NS/EP, or ESSENTIAL NS/EP one space following end of TSR number, if applicable.**
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 Equipment, Other**	**Type of Service. Circle one.**

105.	***Dedicated, DISN Transmissions Service, DISN Router Service, AUTODIN, PSN, PDN, In-Direct AUTODIN (e.g. AMPE Tributary) DSN, Defense Red Switch Network (DRSN), ATM, FTS2000/FTS2001, INMARSAT, EMSS.***	***Network Requirements. Circle one.***
106A.	---------- ------ ---- / / / / / / / / / / / / **D D T T T T Z M M M Y Y** ---------- ------ ----	**Requested Operational Service Date. Show day, time, month, and year.**
106B.	---------- ------ ---- / / / / / / / / / / / / **D D T T T T Z M M M Y Y** ---------- ------ ----	**Requested 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.	------ / / / / ------	**DII Tech Schedule Item No. Insert item No. from table T2.1.**
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)3**	**Type of Operation. Circle one.**
111.	---------- / / / / / / / / / / / ----------	**Modulation Rate/Bandwidth. Enter desired rate. For convenience, rates are listed in reference 4.14, chapter 9. The rate must be entered exactly as shown, including the decimal. 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. 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**
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. ---------- ------ ----

Deactivation Date If Temporary Service

/ / / / / / / / / / / / / /
D D T T T T Z M M M Y Y
---------- ------ ----

115. **1 Way Dial** **Auto Sup PBX**

Signaling Mode. Circle one. If TSR is for a trunk/circuit package system, enter the channel capacity shown in the codes list from reference 4.14, chapter 9.

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**
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 up to 4 PDII to provide billing information. Separate PDII with a slash "/".)

/ / / / / / / / / / / / / / /
---------- ----------

118. **Yes, No**

Overtime or Expediting charges acceptable to meet date. Circle option. Include maximum allowable dollar amount if applicable or "unlimited" if an emergency NS/EP TSP requirement is being submitted.

/ / / / / / /

$ Amount service"Unlimited"

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). Separate GEOLOCO and state/country codes with a slash "/".

/ / / / / / / / / / / ---------- ----
---------- ----
/ / / / / / / / / / / ---------- ----
---------- ----
/ / / / / / / / / / / ---------- ----

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 plain language descriptions of transmission media listed in reference 4.14, chapter 58. If the media to be avoided are not defined in the referenced chapter, enter a description of the media; e.g., "ALLSAT" (UP TO 8 CHARACTERS), TO AVOID ALL SATELLITE LINKS, LEASED AND GOVERNMENT OWNED. Separate each media by a slash. 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.** **Sample: YES/C00/C01/ALLSAT YES/ / /ALLSATCM**
119E.	---------- / / / / / / / / / / / / ---------- ---------- / / / / / / / / / / / / ---------- ---------- / / / / / / / / / / / / ----------	**Enter up to three *GIG* networks to be avoided, using appropriate acronym(s). Separate each entry by a slash ("/").**
120-.	---------- / / / / / / / / / ----------	**Terminal/End User/Node 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."**
128-.	----------	**Interface. Do not enter subparagraph identifiers, only location letters, following the item number. (59 character limit per line.)**

129-.	**2W, 4W, 4W(E&M), 4W(IN-BAND), 6W, 8W, 12W**	**Termination. Circle appropriate transmission path/signaling interface terminations. (4W (E&M) and 4W (In-Band) options are for DSN requirements only).**
130-.	----------	***Name, telephone number, email address, and office code of a primary and alternate user/technical contact.***
131-.	----------	**Mail Address of User Contact.**
132-.	---------- ------	**Interconnect location. GEOLOCO, and Facility Code.**
	/ / / / / / / / / / / /	
	---------- ------	
133-.	----------	**Type Media.**
134-.	----------	**Local Designator.**
135-.	----------	**Facility Description.**
136-.	----------	**Operating Agency.**
137-.	----------	**Loss in dBm.**
138-.	----------	**Enter other nation's circuit number.**
	/ / / / / / / / / / / / / / / /	

139-.	----------	**NPA/NXX of Actual Service Location.**
140-.	----------	**Unit Identification.**
141-150.	----------	**Future.**
151.	----------	**Enter the MSO ISDB Control Number or "NONE."**
	/ / / / / / / / / / / / ----------	
152.	------	**Circuit Utilization Code (CUC).**
	/ / / /	

153-200	**Unassigned.**	
201.	----------	**Defense Red Switch Subscriber Joint Staff Identification.**
	/ / / / / /	

202.	----------	**Subscriber Listing.**
203.	**L, N, X, S**	**Directory Class. Circle one.**
204.	----------	**Title.**
205.	----------	**Unit Designation.**
206.	----------	**Location.**
207.	----------	**State/Country. ZIP Code/APO-FPO**
208.	----	**Subscriber Rate Code. Enter from table T3.2.**
	/ / /	

209.	**AX, DA, DB, DC, DE, DF, DG**	**Service Mode. Circle one.**
	DT, DW, DY, DZ, EB, EK, ER, KR, KS, KU, NB, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, SK, SO, ST, SY, TW, TZ, VA, VB, VC, VD, VE, VN, VO, VR, VT, VV, VY, WB, XX	

210.	----------	**Future.**
211.	----------	**Future.**
212.	------	**MCAI. Enter from table T3.3.**
	/ / / /	

213.	**0, 1, 2, 3, 4, 7, 9**	**MCAP. Select one.**
214.	----------	**Number of Extensions.**
215.	----------	**Split Home CCSD or Dual Access CCSD. DSN 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 T3.1. Circle one.**
222.	**0, 1 ,2, 3, 4, 5**	**Precedence in Community of Interest, table T3.4. 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.	----------	**Equipment Maintenance Agency.**
229.	----------	**Drop Number.**
230.	----------	**COMSEC Account Number.**
231.	----------	**Type Switch (DRSN only).**
232.	----	**PAT Table.**
	/ / /	

233.	----------	**Type PBX/PABX and attendant switchboard, manufacturer's name, and model.**
234.	**GFE Leased**	**Government-owned or leased PABX. Circle one.**
235.	----------	**Operator Assist Number.**
236.	----------	**Access Code.**
237.	----------	**Thousands Level.**
238.	----------	**Number of Stations/ Telephones and PBX Access Circuits.**
239A.	----------	**Total Engineered Erlangs (DSN only).**
239B.	----------	**With Internodal Allocation Erlang Subscription (DCTN only).**
239C.	----------	**Without Internodal Allocation Erlang Subscription (DCTN only).**
240.	----------	**PABX Size.**

241.	------	**Switched Services Capacity.**
	/ / / /	

242-300	----------	**Unassigned.**
301.		**Subscriber Identification/ID Number.**
302.	----------	**Routing Indicator. Circle appropriate entry.**
	/ / / / / / / /	

	GENSER RI Required, DSSCS RI Required, DSSCS/GENSER RI Required	
303.	**Mode I, Mode II, Mode V**	**Channel Code. Circle one. Hybrid. Circle one.**
	MSU, Hybrid MSU,	
304.	**Block by block, Continuous**	**Operating Mode. Circle one.**
305.	**DSSCS/MM, DSSCS/GENSER MM/TS, TS, Secret, Conf, TS SPECAT SIOP-ESI, Res, EFTO, TS SPECAT LESS SIOP-ESI, Unclas**	**Security Level. Circle one.**
306.	----	**Subscriber Rate Code. Enter from table T3.5.**
	/ / /	

307.	----------	**Future.**
308.	----------	**Future.**
309.	----------	**Future.**
310.	----	**Enter equipment code from table T3.6 or T3.7.**
	/ / /	

311.	**Open - Mon, Tue, Wed, Thur,**	**Circle appropriate period. Use local times at the terminal.**
	Fri, Sat, Sun, Hol, ------ to ------- or continuous.	
312.	----------	**Future.**
313.	----------	**RI for Narrative Altroute.**
	/ / / / / / / /	

314.	----------	**RI for Data Altroute.**
	/ / / / / / / /	

315.	----------	**RI for Mag Tape Altroute.**
	/ / / / / / / /	

316.	-- **Cat I,** -- **Cat II,**	**Narrative Altroute Time. Enter a code in each block.**
	/ / / /	
	-- **Cat** -- **Cat IV**	
	-- **III,** --	
	/ / / /	
	-- --	

317.	--	**Cat I,**	--	**Cat II,**	**Data Altroute Time.**
	/ /		/ /		**Enter a code in each block.**
	--	**Cat**	--	**Cat IV**	
	--	**III,**	--		
	/ /		/ /		
	--		--		
318.	--	**Cat I,**	--	**Cat II,**	**Mag Tape Altroute Time. Enter a code in each block.**
	/ /		/ /		
	--	**Cat**	--	**Cat IV**	
	--	**III,**	--		
	/ /		/ /		
	--		--		
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, Q/R Host, Special Q/R Host.**				**Regular 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**	**Q/R Host Altroute Time. Enter code in each block.**
	/ /		/ /		
	--	**Cat III**	--	**Cat IV**	
	--		--		
	/ /		/ /		
	--		--		

339.	**DSSCS/MM, TS, Secret, Conf, SCSIESI, Res, EFTO, SCLSIESI, Unclas**	**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, Unclas, 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.	----------	**Future.**
348.	----------	**Unit to provide crypto-material (MATSYM support).**
349.	**YES, NO/ ETR output only, ETR both input and output**	**Effective Transmission Rate (ETR) Service. Circle YES or NO. If YES is circled, select appropriate ETR option.**
350.	**Yes, No**	**TI Lines used. Circle one.**
351.	**Yes, No**	**EM Capable. Circle one.**
352-362	***Deleted***	
363	----------	***Crypto Account Number***
364	----------	***Crypto Account Custodian***
365	---------- ----------	***Crypto Account Custodian Mail Address***
366	---------- ----------	***Crypto Account Custodian Electronic Mail Address***
367-368	***Deleted***	
369-400	**Unassigned.**	
401.	---------- ---------- ----------	**Purpose of TSR--General Description**
402.	----------	**TSR Contact Information.**
403.	----------	**Future.**
404-.	---------- ---------- ----------	**Unique Installation Factors. (59 character limit per line.)**
405.	---- / / / ----	*National Security System (NSS).*

406. ---------- ---------- **Justification for Other Than Full and Open Competition.**

407-. ---------- ---------- ***Equipment/Service Options to be Acquired by DITCO.*** **(59-character limit per line).**

---

408. ---------- ---------- **Satellite Routing and Operations Objections.**

409. -------- -- --- ---------- **CCO/CMO to accept service.**

//////// /// //// ////////////// **Enter GEOLOCO/ SC/ENR or name of activity (not to exceed 15 characters), and current DSN (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).**

-------- -- --- ----------

GEOLOCO / SC/ ENR/ PHONE NUMBER OR ACTIVITY NAME (27 Character Maximum)

410-. ---------- **Demarcation Point.**

411. ---------- **Security Requirements.**

412. ---------- ---------- **Activity to Receive Special Periodic Progress Report from Contractor.**

---

413. ---------- ***Shipping Information.***

414. ---------- **Connection Approval.**

415A. -------- **DISA Control Number**

/ / / / /

415B. ---------- **Unclassified Exercise, Special Project Name.**

416. ---------- **Cost Threshold/DISN Estimated Cost.**

/ / / / / / / / / / / ----------

417. ---------- **Remarks.**

418. ---------- ---------- **DD Form l368.**

---

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** **Equipment Lease or Purchase Option. Circle one.**

428. **Yes, No** **Basic Termination Liability (BTL) Circle one.**

429. ---------- **Circuit Specifications.**

430.	**--------**	**Months Estimated Service Life.**
431.	**D N**	**General Class of Service. Circle D for DII; circle N for non-DII.**
432.	**D N V**	**Cost Indicator. Circle appropriate code.**
433-.	**----------**	**Leased Equipment to be removed.**
434-.	**----------**	**Leased Equipment to be relocated.**
435.	**----------**	**Future.**
436.	**----------**	**BATS Service.**
437-.	**CPIWI-YES, CPIWI-NO/CPIWM-YES, CPIWM-NO, CPIWM-CANCEL**	**Customer Premise Inside Wire Installation (CPIWI) and Maintenance (CPIWM) Option. Circle one choice for installation and one for maintenance. Separate entries with a "/".**
438-.	**----------**	**Enter Leased CSA Equipment Number or circle appropriate entry.**
	NONE, BOTH	
439.	**----------**	**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. If the service "will not leak", identify the appropriate PSN exemption category from the list contained in chapter 3, TSR item 440.**
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 document which provides their approval.**

504. ---------- **If DRSN, provide justification for maximum calling area.**

---

505. ---------- **If DSN service is requested and other than routine precedence is intended, provide justification.**

---

506. ---------- **If DSN abbreviated dialing is required, provide justification.**

---

507. ---------- **If DSN conference service is required, provide justification.**

---

508. ---------- **If offhook service or preemption capability is required, provide justification.**

---

509. ---------- **Unassigned.**

510. ---------- **Reference message or telecall, etc., that provided approval when citing PDC of another department or agency TCO.**

---

511. ---------- **Unassigned.**

512. ---------- *GIG*/**non**-*GIG* **Approval(DoD Agencies only).**

---

513. ---------- *Unassigned.*

514. ---------- **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.	-- -- -- -- -- --	**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 betwee*n* the identifiers.**
	///;///;///;///;///;///;	
	-- -- -- -- -- --	
	-- -- -- -- -- --	
	///;///;///;///;///;///;	
	-- -- -- -- -- --	
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 Organization Code.**
	/ / / / /	

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Pubs@ncr.disa.mil - Last revision: 20 June 2001

SUPPLEMENT S8. *DISAC 310-130-1*

TSR ITEM SUBMISSION MATRIX

(Item required = R; item optional = O; not required = BLANK)

		STARTS/REAWARDS TEMPORARY DEVELOPMENTAL *GIG*				CHANGES/AMEND REHOME *GIG*							
		NON-*GIG*	DED	DSN	DIN	NON-*GIG*	DED	DSN	DIN	NON-*GIG*	DED	DSN	DIN
101	TSR No	R	R	R	R	R	R	R	R	R	R	R	R
102	NCS	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
103	Assigned TSP Auth Code Type	R	R	R	R	R	R	R	R	R	R	R	R
104	Action Type of Svc	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
105	Network	R	R	R	R	R	R	R	R	R	R	R	R
106A	Reqmts Req	R	R	R	R	R	R	R	R	R	R	R	R
106B	Oper. Svc Date Req. Oper.	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
107	Cmcl/ GFE SVC Date CCSD/	R*	O	O	O	R	R	R	R	R*	R	R	R
108	Trunk ID P/U Code	R*	R*	R*	R*	O	O	O	O				
109	*GIG* Tech Schedule	R*	R	R	R	R*	O	O	O				
110	Type Operation	R*	R	R	R	O*	R	R	R				
111	Mod Rate	R*	R	R	R	O*	O	O	O				
112	Svc Avail	R*	R	R	R	O*	R	R	R		R	R	R
113	Callup	R*	R*	R*	R*								
	Auth												

114	Temp Svc DISC Date	R	R	R	R								
115	Sig Mode	O	R	R	R*	O	O	O					
116	CSA No.					R	R	R	R	R	R	R	R
117	PDC	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
118	Overtime Exped.	R	R	R	R	R	R	R	R				
119	Charges Special	O*	O*	O*	O*	O*	O*	O*	O*				
120-	Handling End User	R	R	R	R	R*	R*	R*	R*	R*	R*	R*	R*
121-	Location State/	R	R	R	R	R	R	R	R	R	R	R	R
122-	Country Code Area Code	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
124-	Address/	R	R	R	R	R	R	R	R	R	R	R	R
125-	Direction to Site Room	R	R	R	R	R	R	R	R	R	R	R	R
126-	Info Terminal	R	R	R	R	R	R	R	R				
127-	Equipment Crypto-equipment	R	R	R	R	R	R	R	R				
128-	Interface	R	R	R	R	R	R	R	R				
129-	Termina- tion	R*	R	R	R	R	R	R	R				
130-	Contact	R	R	R	R	R	R	R	R	R	R	R	R
131-	Mail Address	R	R	R	R	R	R	R	R				
139-	NPA/NXX	R*	R*	R*	R*	R**	R**	R**	R**				
140-	Unit ID	O	O	O	O	O	O	O	O				
151	MSO ICDB No.	R*	R*	R*	R*		R*	R*	R*				
152	CUC	R*	R*	R*	R*	O*	O*	O*	O*				

(200 Series Items Apply to DSN Access Lines Only)

201	Sub ID			R*				R*				R*	
202	Sub Listing			R*				O					
203	Directory Class			R*				O					
204	Title			R*				O					
205	Unit Desig			R*				O					
206	Location			R*				O					
207	State, Zip			R*				O					
208	Sub Rate Code			R				O					
209	Svc Mode			R				O					
210	Future												
211	Future												
212	MCAI			R				O					
213	MCAP			R				O					
214	No of Ext			R*				O					
215	Dual Access			O				O					

216	Rotary	O				O							
217	Traffic Data	R*				O							
218	Future												
219	Line-Load Control	O				O							
220	Abbrev Dial	O				O							
221	COI	O				O							
222	COI Precedence	O				O							
223	Digits Out- pulsed	O				O							
224	Conf Svc	O				O							
225	In Pre- emption	O				O							
226	In Hunt	R				O							
227	Future												
228	Equipment Maint Agcy	R											
229	Drop No.	R*				O						O	
230	COMSEC Acct No.	R*											
231	Type Switch	R*				R*							
232	PAT Table	R*				R*							
233	PABX Mfg Name	R*				R*							
234	Owned/ Leased	R*				R*							
235	Operator Asst No.	R*				R*							
236	Access Code	R*				R*							
237	Thousands Level	R*				R*							
238	No. STA/ Telephones & PBX Access Ckts	R				O							
239	DSN Usage	O				O							
240	PABX Size	R*				R*							
241	Switched Svcs Capacity	R*				R*							
301	Sub ID No.		O				O						R**
302	RI		R				O						
303	Channel Code		R				O						
304	Op Mode		R				O						
305	Security Class		R				O						
306	Sub Rate Code		R				O						
307	Future												
308	Future												
309	Future												
310	Equip Code		R				O						
311	Op Period		R				O						
312	Future												
313	RI-Nar- rative		R				O						
314	RI-Data		R				O						
315	RI-Mag Tape		R				O						
316	Narr Alt		R				O						
317	Data Alt		R				O						
318	Mag Tape Alt		R				O						
319	Security Narr		O				O						
320	Security Data		O				O						
321	Security Mag		O				O						
322	CCSD DIN CKT		O				O						
323	Type Term		O				O						
324	Future												

325	Future		
326	Future		
327	Future		
328	RI Capa- bility	R	O
329	Future		
330	Collective	R	O
	RI		
331	Line Code	R	O
332	Msg Format	R	O
333	Platen Sz	R	R
334	Crypto- equipment	O	O
335	Type Q/R	R*	O
336	Dual Homed	R*	O
	Host		
337	Alt Host Q/R	R*	O
338	Host Alt Time	R*	O
339	Security Level	R*	O
340	Precedence	O	O
341	Normal RI	O	O
342	Security	O	O
343	CIC	O	O
344	Future		
345	RI Exceptions	O	O
346	DSSCS RI	O	O
347	Future		
348	Unit to Provide	R*	O*
349	ETR Svc	O	O
350	Tl Line Options	R	O
351	End of MED CAP	R	O

352-362	*Deleted*												
363	*Crypto Acct Number*	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**
364	*Crypto Acct Cust.*	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**
365	*Crypto Acct Cust. Mail Address*	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**
366	*Crypto Acct Cust. E-Mail Address*	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**	*R**
367-368	*Deleted*												
369-400	*Unassigned*												
401	*Purpose*	*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*
403	*Future*												
404-	*Unique Install Factor*	*O*	*O*	*O*	*O*	*O*	*O*	*O*	*O*				
405	*National Security System*	R*	R*	R*	R*	R*	R*	R*	R*				
406	Other Than Full & Open Competition	O*	O*			O*	O*						
407	DITCO Acquired Equip/Svc Options	O*	O*	O*	O*	O*	O*	O*	O*				
408	Objection to Satellite Svc	O	O	O	O	O	O	O	O				
409	CCO/CMO to accept svc	R	R	R	R	R	R	R	R	R	R	R	R

410-	Demarc Pt	R*	R*	R*	R*	R*	R*	R*	R*				
411	Security Rqmts	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
412	Acty Rec Prog Rpt	O	O	O	O	O	O	O	O				
413	*Shipping Information*	O	O	O	O	O	O	O	O				
414	Connection	O*	O*	O*	O*	O*	O*	O*	O*				
	Approval												
415A	DISA Control No.	R*	R*	R*	R*	O	O	O	O				
415B	Exercise/ Project Name	R*	R*	R*	R*	O	O	O	O				
416	Cost Threshold	O	O	O	O	O	O	O	O				
417	Remarks	O*	O*	O*	O*	O*	O*	O*	O*				
418	DD1368 Sub Agcy	R*	R*	R*	R*	O	O	O	O				
419	Future												
420	Metered Svc Acty Billing Material Charge	O	O			O	O						
421	U.S. Gateways	O	O	O	O	O	O	O	O				
422	Transmission Media	O	O	O	O	O	O	O	O				
423	24-Hr On-Call Euro Maint Svc	O	O	O	O	O	O	O	O				
424	ALLA No. and RP			O		O	O	O	O	O	O	O	O
425	Simultaneous TSR Action	O	O	O	O	O	O	O	O	O	O	O	O
426	Bit Error Rate	O	O	O	O	O	O	O	O				
427	Eqpt Lease	R*	R*	R*	R*	R*	R*	R*	R*				
	or Purchase Opt												
428	BTL	O	O	O	O					O	O	O	O
429	Ckt Specification	O*	O*	O*	O*	O*	O*	O*	O*				
430	Est Svc Life	R*	R*	R*	R*								
431	Class of Svc	R*	R*	R*	R*	R	R	R	R				
432	Cost Indicator	O	O	O	O	O	O	O	O	O	O	O	O
433	Leased Equip to be Removed					O	O	O	O				
434	Leased Equip to be Relocated					O	O	O	O				
435	Future												
436	BATS Request	R*	R*			R*	R*						
437	Inside Wire Instal/Maint	R*	R*	R*	R*	R*	R*	R*	R*				
438	Assoc Leased Equipment	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*
439	Assoc Billing CSA Nos					R*	R*	R*	R*	R*	R*	R*	R*
440	Comml Access	R*	R*	R*		R*	R*	R*					
441	Leased vs Buy Analysis	O*	O*	O*	O*	O*	O*	O*	O*				
442	Eqpt Maint	O	O	O	O	O	O	O	O				
443	Access to Proprietary or Source Selection Info	R*	R*	R*	R*	R*	R*	R*	R*				

444	Jurisdictional Classification	R*	R*	R*	R*	O*	O*	O*	O*				
501	Svc Justification	O	O	O	O	O	O	O	O	O	O	O	O
502	Ref	O	O	O	O	O	O	O	O	O	O	O	O
503	Svc Coord	O	O	O	O	O	O	O	O	O	O	O	O
504	MCA Justification			R				O					
505	Precedence			O	R*			O	R*				
	Justification												
506	Abbrev Dial Justification			O				O					
507	Conf Svc Justification			O				O					
508	Offhook Svc			O				O					
510	Fund TCO Approval	O	O	O	O	O	O	O	O	O	O	O	O
511	Future												
512	*GIG*/Non-*GIG* Approval	R*	R*	R*	R*	O*	O*	O*	O*				
513	*Unassigned.*												
514	RFS No.	O	O	O	O	O	O	O	O	O	O	O	O
515	FCC Reg No.	O	O	O		O	O	O					
516	FCC Ring EQ No.	O	O	O		O	O	O					
517	FCC Svc Code	O	O	O		O	O	O					
518	FCC FAC ID & Port Class	O	O	O		O	O	O					
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
522	Future												
523	Future												
524	Future												
525	Svc Profile	R*	R*	R*	R*	R*	R*	R*	R*				
526A	TSP RP Subcategory	R*	R*	R*	R*	R*	R*	R*	R*				
526B	TSP RP Criteria	R*	R*	R*	R*	R*	R*	R*	R*				
526C	TSP RP	R*	R*	R*	R*	R*	R*	R*	R*				
527A	Provisioning Priority Subcategory	R*	R*	R*	R*	R*	R*	R*	R*				
527B	Provisioning Priority Criteria	R*	R*	R*	R*	R*	R*	R*	R*				
527C	Provisioning Priority Requested	R*	R*	R*	R*	R*	R*	R*	R*				
527D	Invocation Official's Name	R*	R*	R*	R*	R*	R*	R*	R*				
527E	Invocation Official's Title	R*	R*	R*	R*	R*	R*	R*	R*				
527F	Invocation Official's Phone #	R*	R*	R*	R*	R*	R*	R*	R*				
527G	Invocation Official's Auth	R*	R*	R*	R*	R*	R*	R*	R*				

527H	Future												
527I	Prime Vendor POC	R*	R*	R*	R*	R*	R*	R*	R*				
527J	Order in Progress	R*	R*	R*	R*	R*	R*	R*	R*				
528A	Svc User 24-Hr POC Title	R*	R*	R*	R*	R*	R*	R*	R*				
528B	Svc User 24-Hr POC Daytime Phone	R*	R*	R*	R*	R*	R*	R*	R*				
528C	Svc User 24-Hr POC Off-Hrs Phone #	R*	R*	R*	R*	R*	R*	R*	R*				
529	Supplemental Info	R*	R*	R*	R*	R*	R*	R*	R*				
530	Future												
531	TSP Org Code	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*	R*

[1]See table S12.T1. to Supplement S12 for a listing of TSR items required for DISN service.

COMMENTS:
101 TSR numbers are required on all TSR's.
102 *If the NCS has assigned a TSP Authorization Code for this service, cite the code in this item.
104 *Required for commercial service.
106B *Required for all other requirements using leased circuits/equipment and/or for Government Furnished Equipment (GFE).
107 *Applicable to FAA and Coast Guard circuits only. The first four positions of the CCSD may be shown on START/TEMP TSR's.
108 *When no CCSD, purpose and use code is always required, for circuits only.
(N/A for FAA requirements.)
109 *Applicable to circuits only.
110 *Applicable to circuits only.
111 *Applicable to circuits only.
112 *Applicable to circuits only.
113 *Required for engineered military and on-call circuits only.
115 *Entry must be: "No Signaling."
116 Enter when available for amendment/cancellations. Required for all changes, rehomes, and discontinues of leased service.
117 *Not required if leased, purchased, or DWCF services are not authorized.
118 Required on all TSR's with insufficient leadtimes.
119 *Circuit TSR's only. Item 119D entry required on all circuit START/TEMP TSR's.
120- *Required to aid in leasing actions.
126- N/A for maintenance contracts.
129- *Required for circuits only.
131- N/A for FAA.
132-137 *TSR items 132 through 137 are required only on TSRs requesting circuits in the European or Pacific areas.
139- *Required only for U.S. circuit requirements
**Required for U.S. circuit relocations only.
151 *Required for DSCS service.
152 *Applicable to permanent leased ALLA (NATO) circuits only. Mandatory for International circuits leased from the PTTs, 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 transversing*GIG* facilities into NATO countries or for temporary circuits.
201 *Required for DRSN. (Not required for P/U code "UR."
202 *Required if not in existing hunt group.
203 *Required if not in existing hunt group.

204 *Required if not in existing hunt group.
205 *Required if not in existing hunt group.
206 *Required if not in existing hunt group.
207 *Required if not in existing hunt group.
214 *Required if direct subscriber access.
217 *Required for PBX access lines.
229 *Required for DRSN.
230 *Required for DRSN.
231 *Required for DRSN.
232 *Required when establishing or changing DSN PAT settings.
233 *Required if starting new NIOD service or processing a change to existing NIOD service.
234 *Required if starting new NIOD service or processing a change to existing NIOD service.
235 *Required if starting new NIOD service or processing a change to existing NIOD service.
236 *Required if starting new NIOD service or processing a change to existing NIOD service.
237 *Required if starting new NIOD service or processing a change to existing NIOD service.
240 *Required if starting new NIOD service or processing a change to existing NIOD service.
Also required when establishing DSN PAT settings.
241 *Required for all DCTN and DSN PAT requirements.
301 **Not required for in-direct AUTODIN.
335 *If for Query/Response Service.
336 *If for Query/Response Service.
337 *If for Query/Response Service.
338 *If for Query/Response Service.
339 *If for Query/Response Service.
348 *If tactical and Crypto Material KW-26 CRYPTO equipment is in use.
352-362 Deleted.
363-366 Required when COMSEC material is in use.*
405 *Required on all new TSRs requiring procurement action by DITCO.
Also required if the original "NSS" declaration is changing as a result of a change/amend/rehome action.
406 *May be required for certain TSR's. See C2.2.
407 *Required when DITCO must acquire equipment or services.
410 *Required when commercial facilities are involved.
411 *Required when security requirements apply.
414 *May be required for certain TSR's. See C1.4.
415A *Required for exercise support only.
415B *Required for exercise support only.
417 *When refering to prior coordination of requirements, specify person’s name, office, date and phone number.
418 *N/A for Developmentals.
424 *Applicable to European circuits only.
427 *Required only for the lease or purchase of equipment.
429 *Must be submitted if TSR item 109 reflects "NS."
430 *Required for all new start requests for leased service, facilities, or equipment to be acquired by DITCO.
431 *Optional on Developmental TSR's.
436 *Required on all START and applicable CHANGE TSR's which request WATS or 800 service.
437 *Required on all start and applicable change TSR's which request leased circuits within the U.S.
438 *Required on all equipment requirements submitted to DITCO.
439 *Required only if the service is split billed.
440 *Required on all start/change TSR's for Leased Inter-State Private Line Service.
441 *Required on all requests for the acquisition of equipment.
443 *Required on each TSR where the procurement contract value will exceed $100,000.
444 *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 Applicable to inputs to TCO.

502 Applicable to inputs to TCO.
503 Applicable to inputs to TCO.
505 *Required if flash/flash override precedence is requested.
506 Applicable to inputs to TCO.
507 Applicable to inputs to TCO.
508 Applicable to inputs to TCO.
512 *Required when item no. 432 is submitted or DOD Agency requests non-*GIG* circuits in item 431.
521 *Required for TSP service only.
525 *Required for TSP service only.
526A *Required only if requesting a TSP RP.
526B *Required only if requesting a TSP RP.
526C *Required only if requesting a TSP RP.
527A *Required only if requesting a TSP provisioning priority.
527B *Required only if requesting a TSP provisioning priority.
527C *Required only if requesting a TSP provisioning priority.
527D *Required only if requesting a TSP provisioning priority.
527E *Required only if requesting a TSP provisioning priority.
527F *Required only if requesting a TSP provisioning priority.
527G *Required only if requesting a TSP provisioning priority.
527I *Required only if requesting a TSP provisioning priority.
527J *Required only if requesting a TSP provisioning priority.
528A *Required only if requesting a TSP provisioning priority.
528B *Required only if requesting a TSP provisioning priority.
528C *Required only if requesting a TSP provisioning priority.
529 *See C3, item 529 for required uses of this item.
531 *Required for all TSP service.

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SUPPLEMENT S9. DISAC 310-130-1

TSR TO TSO CONVERSION BY ITEM NUMBER

TSR Item	TSO Paragraph
101	2N
102	2B
103	2C
104	5_*
105	5_*
106A	2D(first date)
106B	5_*
107	2A
108	2A (2nd and 3rd characters)
109	2F **
110	2G
111	2I
112	2K
113	5_*
114	2D (second date)
115	2L
116	5_*
117	2R or 5_
118	5_* (if yes)
119	2T
119B	5_*
119C	2U01
119D	2U02
119E	2U03
120(ABC-)	2E(1) (2) (3) etc. and appropriate par. 3
121(ABC-)	2E(1) (2) (3) etc. and appropriate par. 3
122(ABC-)	2E(1) (2) (3) etc. and appropriate par. 3
123(ABC-)	2E(1) (2) (3) etc. and appropriate par. 3
124 (ABC-)	3_*
125(ABC-)	3_1_
126(ABC-)	3_1_
127(ABC-)	2J
128(ABC-)	3_1_*
129(ABC-)	3_1_*
130(ABC-)	2E and 3-*
131(ABC-)	3-*
132(ABC-)	3-
133(ABC-)	3-2B
134(ABC-)	3-2B
135(ABC-)	3-2B
136(ABC-)	3-2B

137(ABC-)	3-2B
138(ABC-)	3-2C
139(ABC-)	3-*
140(ABC-)	3-*
151	2AA
152	2AB
153-200	Not Used
201	6A
202	5-*
203	5-*
204	5-*
205	5-*
206	5-*
207	5-*
208	6B
209	6C
210	Not used
211	Not used
212	6F
213	6G
214	6L
215	6R
216	6K
217	6U
218	Not used
219	6M
220	6V
221	6H
222	6I
223	6W
224	6N
225	6D
226	6E
227	Not used
228	5-*
229	6P
230	5-*
231	6Y
232	A/E Records
233	6X
234	6Z
235	6AA
236	6AB
237	6AC
238	6AD
239A	N/A

239B	N/A
239C	N/A
240	6AE
241	6AF
242-300	Not Used
301	6A (7A)
302	6C (7C)
303	6D (7D)
304	6E (7E)
305	6G (7G)
306	6B (7B)
307-309	Not Used
310	5-*
311	5-*
312	Not Used
313-321	6N (7N)
322	6K (7K)
323	6L (7L)
324	Not Used
325	Not Used
326	Not Used
327	Not Used
328	6R (7R)
329	Not Used
330	5-*
331	6F (7F)
332	6I (7I)
333	5
334	A/E Records
335	6S (7S)
336	6T (7T)
337-339	6N (7N)
340	6U (7U)
341	6V (7V)
342	6W (7W)
343	6X (7X)
344	Not used
345	6Y (7Y)
346	6Z (7Z)
347	Not Used
348	5-*
349	6H(7H)
350	5-*
351	5-*
352	6A
353	6B

354	Not Used
355	Not Used
356	Not Used
357	6F
358	Not Used
359	Not Used
360	Not Used
361	Not Used
362	Not Used
363	6L
364	6M
365	6N
366	6O
367	Not Used
368	6Q
369-400	Not Used
401	1A
402	5-*
403	Not used
404(ABC-)	3-1-
405	5-*
406	5-*
407	(ABC-) 3-1-*
408	5-*
409	2H/5-*
410	3-*
411	5-*
412	5-*
413	5-*
414	5-*
415A	1C
415B	5-
416	5-*
417	5-*
418	5-*
419	Not Used
420	5-*
421	5-*
422	5-*
423	5-*
424	5-*
425	1B*
426	5-*
427	5-*
428	5-*
429	5-*

430	5-*
431	2Y
432	2Z
433(ABC-)	3-1- *
434(ABC-)	3-1-*
435	Not Used
436	5-*
437(ABC-)	3-1-
438(ABC-)	3-1-
439	5-*
440(ABC-)	3-1-*
441	5-*
442	5-*
443	5-*
444	5-*
445-500	Not used
501-508	A/E Records*
509	Not used
510	5-*
511	Not used
512	5-*
513	Not used
514	5-*
515	3-1-
516	3-1-
517	3-1-
518	3-1-
519-520	Not used
521-531	A/E Records

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*See supplement S10.

**Convert to parameter code from table T1.2, and follow with item number from TSR item 109.

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SUPPLEMENT S10. DISAC 310-130-1

TSO PARAGRAPH HEADINGS

TSR Item	TSO Paragraph	Generated Headings Followed by Data From Item
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:
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:
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-	NATIONAL SECURITY SYSTEM:
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:
413	5-	O/S SHIPPING INS:
414	5-	CA:
415A	1C	DISA Control Number
415B	5-	#36 (data)
416	5-	COST THRESHOLD/DISN EST COST:

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-	BATS SERVICE:
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:

*Header generated even if item 128 not received.

**Followed by data from each item with individual headings.

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SUPPLEMENT S11. *DISAC 310-130-1*

NATIONAL SECURITY AND EMERGENCY PREPAREDNESS (NS/EP) TELECOMMUNICATIONS SERVICE PRIORITY (TSP) PROVISIONING PRIORITY PROCEDURES

S11.1 **General.**

S11.1.1 A key feature of the TSP System is that Telecommunications Certification Offices (TCOs) may obtain provisioning priority from service vendors for the installation of new TSP services when necessary and authorized. The circumstances when an emergency or essential provisioning priority is appropriate are defined in definitions; C3.5.7; and C4.3.1 of the basic circular. To obtain provisioning for a service on a priority basis, a TCO must:

S11.1.1.1 Contact the contracted service vendor to determine if the service vendor can respond to the requirement without invocation.

S11.1.1.21 Obtain authorization to invoke NS/EP treatment from their invocation official (see paragraph S11.3 below).

S11.1.1.32 Request and be assigned a provisioning priority by the National Communications System (NCS) TSP Program Office (TSPPO) Office of Priority Telecommunications (OPT).

S11.1.1.43 Ensure that the provisioning priority is passed to the DISA/DITCO/service vendor by means of a TSR/TSO/service order.

S11.1.2 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.

S11.2 **Invocation of NS/EP Treatment.**

S11.2.1 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 authorizes the invocation of NS/EP treatment.

S11.2.2 "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 OMNCSOPT using the TSR or theSF 315: TSP Request For Service Users, via phone/facsimile. The OMNCSOPT will disseminate the provisioning priority (i.e., TSP authorization code) verbally to the TCO. The TCO will convey the TSP authorization code to the appropriate DISA/DITCO action activity and other activities, either verbally or via the TSR/TSO process. The OMNCSOPT will disseminate the provisioning priority (i.e., TSP Authorization Code) verbally to the TCO and/or to all TSR addressees via an organizational e-mail TSP Assignment Message. Upon

receipt of the TSP Authorization Code, the TCO will convey it to the appropriate DISA/DITCO action activity or service vendor (if known), either verbally or via the TSR/TSO process.

S11.2.3 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 item 102/TSO paragraph 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.

S11.2.4 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 TSPPOOPT. 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 TSPPOOPT will coordinate with the TCO to determine what action is required.

S11.2.5 Under no circumstances may the service vendor delay provisioning of an Emergency TSP service request for verification purposes.

S11.3 **Invocation Official.**

S11.3.1 Invocation officials include:

S11.3.1.1 The head or director of a Federal Agency.

S11.3.1.2 The commander of a unified/specified military command.

S11.3.1.3 The chief of a military service.

S11.3.1.4 The commander of a major military command.

S11.3.1.4 The delegates of any of the foregoing.

S11.3.1.5 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.

S11.3.2 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 OPT. Delegates of an invocation official may not further delegate the authority to invoke NS/EP treatment to another individual. Delegates may only include:

S11.3.2.1 Generals or flag officers of a military service.

S11.3.2.2 Civilian employees of equivalent grade (e.g., Senior Executive Service member).

S11.3.2.3 Federal Coordinating Officers or Federal Emergency Communications Coordinators/Managers.

S11.3.3 Invocation officials and their delegates must be identified in writing to the TSPPOOPTor TSP Program Office before their first invocation. The TSPPOOPT will maintain a list of invocation officials and their delegates. However, it is the responsibility of each agency to provide the TSPPOOPT with current information. (See DISA Circular 310-130-4, Defense Users Guide to the Telecommunications

Service Priority (TSP) System, for additional guidance.)

S11.4 **Preventing Abuse of Provisioning Priorities.**

S11.4.1 The TCO should not request a provisioning priority in the following circumstances:

S11.4.1.1 To make up for time lost as a result of inadequate advance planning.

S11.4.1.2 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 TCOs service due date.

S11.4.1.3 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.

S11.4.1.4 To disconnect existing service(s) unless required to support the start of a new NS/EP telecommunications service.

S11.4.1.5 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 TCOs service due date.

S11.4.2 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.

S11.5 **Requesting an Emergency Provisioning Priority.**

S11.5.1 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.)

S11.5.2 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.

S11.5.3 A TCO who must request an emergency provisioning priority should first contact the contracted service vendor to determine if the service vendor can respond to the requirement without invocation. Taking this action ensures two things.

S11.5.3.1 Federal dollars are saved if an invocation is avoided because the service vendor can satisfy the requirement using standard procedures.

S11.5.3.2 The service vendor is alerted to the fact that the emergency exists and that the service will be required in the immediate future.

S11.5.4 If the service vendor cannot respond using standard or expediting procedures, 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 OMNCSOPT and requests an Emergency provisioning priority. The NCCOPT is available to receive these requests 24 hours a day, seven days a week. The OMNCSOPT receives the request (by phone and/or facsimile using the TSR or SF 315: TSP Request For Service Users, (which must be followed by a TSR within 2 working days)), and verifies both the requirement and that the name of the invocation official is on file. The telephone and facsimile numbers and mailing and e-mail address for the NCS TSPPOOPT are:

S11.5.4.1 Telephone: Commercial: 703-746-5378607-4932 or 703-692-0040/2115*607-4933
DSN: 286-5378 or 222-0040/2115*327-4932 or 327-4933
* STU III Equipped

S11.5.4.2 Unclassified Facsimile: Commercial: 703-692-1773 607-4937or 703-557-5012,
DSN: 222-1773, Secure Facsimile: Commercial: 703-557-5185/5186327-4937

S11.5.4.3 Mail Address:
Office of the Manager, NCSNational Communications System
ATTN: TSP Program Office,Office of Priority Telecommunications (OPT)
701 S. Court House Road
Arlington, VA 22204-2198

S11.5.54.4AUTODIN Organizational E-MailMessage Address: MGR NCS-TSP WASHINGTON DC//TSP@NCS.GOV

S11.5.5 Web Site: http://tsp.ncs.gov/

S11.5.6 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/DITCO action activity as specified in DISAC 310-130-1, chapter C4, either verbally or in a written TSR. The DISA/DITCO action activity will be contacted during normal duty hours and the NCS/Global Network Operations Security Center (GNOSC) contacted after normal duty hours. (See DISAC 310-130-1, chapter C2, table T2.1, for points of emergency contact.) If the DISA action activity/DITCO Activity or OMNCSOPT/GNOSC 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 2 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 activity since this could result in confusion. A record TSR copy will suffice. The TCO will submit the Emergency NS/EP TSR to the appropriate DISA/DITCO action activity by the most expeditious means available. *Emergency NS/EP TSRs submitted to Headquarters DISA or DISA-DSC (in accordance with instructions contained in DISAC 310-130-1, chapter C4) will be sent via e-mail, high priorityor(AUTODIN organizational operationalDMS message using an immediate (high)priority.if a waiver has been granted).*

S11.5.7 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 OMNCSOPT. 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 NCCOPT if there are any questions regarding the TSP assignment. The service vendor may not, however, delay processing the emergency service request for verification purposes.

S11.5.8 After 30 days, assignments of Emergency provisioning priority levels that have not been passed to the service vendor are revoked by the TSPPOOPT unless extended for another 30 day period.

S11.6 **Requesting an Essential Provisioning Priority.**

S11.6.1 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.

S11.6.2 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.)

S11.6.3 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.

S11.6.4 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 NCCOPT and request a provisioning priority. Provisioning priorities will not be assigned without the concurrence of the TCO's invocation official.

S11.6.5 If the TCO requests a provisioning priority (via telephone and facsimile using an SF 315: TSP Request For Service Users), the request will be followed by a TSR within 2 working days. The telephone and facsimile numbers and address for the TSPPOOPT are in S11.5.4. The TSPPOOPT will verify the requirement and that the name of the invocation official is on file with the OMNCSOPT. The NCCOPT 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, the TSP authorization code assignment will not be made.)

S11.6.6 After receiving the TSP Authorization Code, the TCO will include it in the TSR submitted to the appropriate DISA/DITCO action activities as specified in DISAC 310-130-1, chapter C4. 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 will notify the TSPPOOPT.) 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.

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SUPPLEMENT S12. *DISAC 310-130-1*

DEFENSE INFORMATION SYSTEM NETWORK (DISN) SERVICE PROVISIONING PROCEDURES

S12.1 **General.**

S12.1.1 The term "provisioning" is defined as the review of all customers' requests for telecommunications service to ensure they are adequate for processing, including, when requested, assisting a customer in defining the requirement and developing the request; determination of the most cost effective and technically appropriate solution to each requirement; allocation, engineering and, as necessary, acquisition of transport and information technology services to satisfy each requirement; scheduling, coordination and, as appropriate, implementation of all actions needed to satisfy each requirement, end-to-end; and tracking of actions and reporting the status of customers' requests to the customer.

S12.1.2 DISN service provisioning 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 currently being developed by DISA.

S12.1.3 The customer/Telecommunications Certification Office (TCO) should submit service requests, based upon the user's requirement (in accordance with guidance contained in DISAC 310-130-1) to their servicing *DISA Provisioning Activity*. The appropriate DISA activity (e.g., DSC, Regional Network Operations and Security Center (RNOSC)[1], *DISA NCR (NS31)*, DISA-Europe, DISA-Pacific) will determine the solution in coordination with the TCO/customer.

S12.1.4 The flow of the TSR under the DISN service provisioning procedures (as depicted in S12. figure F1, is similar to procedures outlined in DISAC 310-130-1 for other service. However, the DISA action activity will coordinate with other DISA elements (*e.g., RNOSCs, NS, OP, DISA-Europe, DISA-Pacific*), as appropriate, to ensure the requested service is provisioned onto the DISN. (NOTE: National Security/Emergency Preparedness (NS/EP) and/or special service requirements (e.g, Presidential support) will be expedited.) This supplement does not replace existing procedures, identified in chapter C4 of DISAC 310-130-1, for provisioning specific requirements (e.g., DSCS, DSN, etc.).

S12.2 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 subparagraphs.

S12.2.1 **Submission of the RFS/TSR.**

S12.2.1.1 The users must submit a RFS, identifying their service requirement, to their supporting DISA action activity or TCO activity in accordance with service/agency procedures. Any requirement with a service date that is less than the normal lead time (as shown in DISAC 310-130-1, table T4.1), must be pre-coordinated with the applicable TCO. The TCO will help the user define all aspects of the requirement and determine the complexity of the requirement. The TCO, if necessary (e.g., less than normal lead times or complex requirements), will contact the appropriate DISA activity to obtain information before submitting an actual service request, in order to determine the viability, availability, cost, etc. Any pre-TSR coordination must be included as a reference (to include names and dates of coordination) in the TSR, and details cited in TSR item 417. If this pre-coordination determines that the following conditions are met, it may be possible to provision the requested service within 30 calendar days (CONUS only):

S12.2.1.1.1 Requirement can be satisfied by 64KB (or less)service.

S12.2.1.1.2 Direct connect to node (e.g., no commercial vendor involvement).

S12.2.1.1.3 Assets in place (e.g., all required hardware is on-site; inside wire).

S12.2.1.1.4 Support from base level communications activity(e.g., Installation, Test, and Acceptance functions can be accomplished by, or in conjunction with support form, the base level communications activity within the prescribed lead time).

S12.2.1.1.5 If the requirement is determined to be complex (as defined in the definitions), the TCO will forward the requirement to the appropriate DISA Customer Account Representative (CAR), for coordination of DISA staff actions to ensure customer requirements are properly identified and that appropriate telecommunications service is provided. Noncomplex requirements will be worked through the appropriate DISA action activity. The TCO may also call the "DISN Customer Service Desk" (1-800-554-DISN) to obtain appropriate assistance for service requirements within CONUS. Requirements within Europe may be coordinated with the DISA Europe Transmission Services Division (DSN: 314-430-5621) or Help Desk (DSN: 314-430-HELP). Requirements within the Pacific area may be coordinated with the DISA Pacific DISN Services Division (DSN: 315-456-4401; COML: 808-656-4401).

S12.2.1.2 The 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 could 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 noncomplex, and as such, should be submitted as a consolidated package to the DISA action activity prior to TSR submission. Complex projects should be submitted as discussed in subparagraph S12.2.1.1. Once a TSR is prepared, the project number (if known) and name should be identified in TSR items 415A and 415B respectively. If the consolidated package is part of an existing system, the system acronym/name must be identified in TSR item 353.

S12.2.1.3 When the TCO/DISA transitions an existing non-DISN (e.g., leased) service to DISN, a "CHANGE" or "START" TSR will be submitted to the appropriate DISA A&E activity. (The MGR NCS-TSP Washington must also be an addressee if a new Telecommunications Service Priority (TSP) is required, or if the existing TSP is retained, modified or canceled.) Information in the "CHANGE" TSR must be in accordance with DISN service TSR Item submission matrix (see S12 T1) and contain the TSR items required for a "START" TSR. The TCO/DISA will issue a separate TSR to the DISA A&E activity to discontinue the existing commercial lease and/or GFE segments (as applicable). To preclude discontinuing the existing service prior to the new service being installed, it is imperative that the TCO/DISA closely track the service date associated with the "START" or "CHANGE" TSR and adjust the discontinue date if necessary.

S12.2.1.4 If assistance is required in order to determine whether DISN router service could satisfy the user's requirement, the TCO activity should call the DISN Customer Service Desk (1-800-554-DISN) and/or the *Center for DISN Services (NS5)*(DSN: 327-8044; COML: 703-735-8044) to determine if DISN router service is viable. (For service within Europe, the DISA-Europe Transmission Services Division (DSN: 314-430-5621) or Help Desk (DSN: 314-430-HELP) should be called. For service within the Pacific area, the DISA-Pacific Data Networks Branch (DSN: 315-456-1094; COML: 808-656-1094) should be called.) Detailed information concerning router capabilities can be found in Defense Information System Network (DISN) Router Network Subscriber Guide (OPR: NS). If this coordination results in router service being selected as the solution to the TCO's requirement, the appropriate DISA activity will provide applicable technical router information which is to be included in the TSR.

S12.2.1.5 The TSR will be forwarded to the applicable DISA action activity and to the NCS if a TSP (i.e., restoration and/or provisioning priority) is requested.

S12.2.2 **Order and Tracking.**

S12.2.2.1 Upon receipt of all TSRs (e.g., START, CHANGE, REAWARD, etc.), the DISA action activity will log the requirement and, in coordination with the applicable RNOSC and/or other DISA offices, determine whether or not a DISN (multiplex or router, solution is possible (unless a DISN solution has been predetermined). If a DISN solution is possible, the DISA action activity, in coordination with the customer/TCO (and other appropriate DISA activities), will ensure that all TSRs contain information in accordance with the DISN Service TSR Item Submission Matrix (S12, table T1). Upon receipt of a service request from the DISA action activity, the RNOSC (or other DISA activity) will assess the network capabilities, and advise the DISA action activity (within 3 working days for CONUS service) as to whether or not the service can be provided.

S12.2.2.1.1 If service can be provided, the RNOSC, or other appropriate DISA element, may require up to 21 additional calendar days to complete their portion of the provisioning process and provide the DISA action activity the specific network information required to complete the TSO. If access circuits are required, the RNOSCs will advise the DISA action activity and provide the appropriate network interface information. (NOTE: All lead times discussed in this

paragraph are for routine service only. Special service and NS/EP requirements will be expedited.)

S12.2.2.1.2 The RNOSC and/or other DISA offices will coordinate the DISN solution and provide the DISA action activity the information necessary to process the TSO. The RNOSC (or other appropriate DISA office) is responsible for coordinating with the TCO/base/user 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.

S12.2.2.1.3 The RNOSCs (and/or other DISA offices) are responsible for determining long-haul access circuit and backbone requirements necessary to support a DISN requirement. The applicable DISA action activity, in coordination with the TCO, must determine if a government furnished or leased long-haul access circuit is required to access the DISN network and, if so, will advise the DISA action activity, who will ensure that this requirement is included in the TSO. Once the necessary information for DISN service is received by the DISA action activity, they will continue to process the TSO in accordance with existing DISA procedures.

S12.2.2.2 Non-DISN services (e.g., other GIG bandwidth, FTS2000) will be provisioned by the DISA action activity in accordance with established DISA procedures. When a non-DISN solution is used to satisfy a requirement, the TCO will take the lead to determine when DISN services will be available to meet the customer requirement (if applicable). The TCO will work with appropriate DISA activities, as well as with the customer, to ensure that the requirement is transitioned onto DISN as soon as possible.

S12.2.2.3 DISN backbone expansion and optimization is ultimately the responsibility of DISA/*NS5*.

S12.2.2.3.1 RNOSCs submit requests for backbone optimization and expansion to the appropriate DISA action activity, with information copies to *DISA (NS5)*.

S12.2.2.3.2 DISA (NS5) will issue additional TSRs, as needed, to support unique transmission contracting mechanisms (such as, but not limited to, Pacific Consolidated Telecommunications Network [PCTN]). This information will be provided to the TCO and the applicable RNOSC.

S12.2.2.3.3 If *DISA (NS5)* disapproves a request for backbone expansion or optimization, they will notify the applicable RNOSC. The RNOSC will notify the TCO and issue the necessary request for cancellation or change.

S12.2.2.3.4 Upon receipt of a DISN backbone expansion request, the DISA action activity will prepare a TSO and submit it to the appropriate activities to procure, install, and implement service.

S12.2.2.4 Once all requirements and solutions have been determined, either through DISN or non-DISN, the DISA action activity will issue a TSO within 3 working days, authorizing implementation of the required service, and to update the applicable DISA database(s) for identification and tracking purposes. In addition to the RNOSC (and other TSR addressees), the TSO will also include the applicable DITCO offices (e.g., DTS12) if new/modified commercial long haul access circuits/equipment are required.

S12.2.3 **Procurement.**

S12.2.3.1 Commercial procurement requirements will be acquired by DITCO in accordance with applicable procurement policies and procedures.

S12.2.3.2 When the TCO is transitioning existing leased service to DISN, the procedures identified in subparagraph S12.1.3 will be followed.

S12.2.3.3 Foreign leased requirements, using non-DITCO contracting actions, will be ordered through the appropriate OCONUS TCO function.

S12.2.4 **Service Allocation**. No later than 5 working days prior to the established service date, the RNOSC will complete all actions (e.g., allocate bandwidth, ports, equipment, etc.) necessary to activate service. DITCO will begin billing the customer for the bandwidth provided as of the effective date of service shown in the in-effect report provided to DITCO by the DISN Service Center (DSC). This date will reflect the date the bandwidth was made available to the customer (Installed, Tested, and Accepted at the post/camp/station) in accordance with subparagraph S12.2.5 below.

S12.2.5 **Installation, Test and Acceptance (IT&A).**

S12.2.5.1 The appropriate RNOSC/DISA office will coordinate equipment acquisition and installation, if required. Installations may include port cards, additional equipment and cables. After bandwidth and port assignments have been allocated, the appropriate RNOSC/DISA office will ensure that all installation/test/acceptance actions are initiated and completed.

S12.2.5.2 The Communications Control Office/Communications Management Office (CCO/CMO) will notify the appropriate RNOSC when the long-haul access circuits are ready for acceptance testing. The RNOSC will coordinate with the appropriate activity for: (1) physical installation of DISN circuits and equipment and (2) performing network testing to ensure the backbone will accommodate the requested service. The CCO/CMO will perform end-to-end testing (to ensure established performance standards are satisfactorily met) and coordinate with the commercial vendor and/or GFE provider for installation and/or trouble shooting of all circuits and equipment.

S12.2.5.3 When all IT&A actions are satisfied (circuit and/or equipment performance meets standards), the RNOSC (CONUS-only) (in coordination with the customer and the CCO/CMO) will submit the completion report to the DISA action activity with information copies to all TSO addressees. Completion reports will be submitted by CCO/CMO for OCONUS circuits. After acceptance of service by the customer, the RNOSC (in coordination with the local technical control facilities) will assume responsibility for the circuit/equipment to include resolving customer trouble calls.[2]

S12.2.5.4 The appropriate RNOSC will be the CMO for all DISN backbone trunks.

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[1]The term "RNOSC", as used throughout this document, refers to the CONUS RNOSC (Scott AFB, Il). In DISA-Pacific, the RNOSC DISN provisioning, engineering, configuration and interfacing functions are performed by the Network Management Engineering (NME) Section of the Service Provisioning Branch, DISN Services Division (DSN: 315-456-4401; COML: 808-656-4401). In DISA-Europe, these functions are performed by the Transmission Services Division (DSN: 314-430-5621).

[2] Once a completion report is filed, the DISA-PAC RNOSC (COML: 808-656-2777; DSN: 315-456-2777) is responsible for the circuit/equipment to include resolving trouble calls for service within the Pacific area.

SUPPLEMENT S12. TABLE T1. **DISN SERVICE TSR ITEM SUBMISSION MATRIX**

(Item required = R; item optional = O; not required = BLANK)

	STARTS/REAWARDS TEMPORARY DEVELOPMENTAL	**CHANGES* AMEND REHOME**	**DISCONTINUE CANCEL**	**COMMENTS**
				*All CHANGE TSRs that transition a requirement (or partial requirement) onto DISN must have all of the item numbers completed as shown for a START TSR.
101	TSR No.	R	R	R	TSR numbers are required on ALL TSRs.
102	NCS Assigned TSP Auth Code	R*	R*	R*	*If the OMNCS 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	
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 TSRs.
108	P/U Code	R			
109	GIG Tech Schedule	R	R		
110	Type Operation	R*	R*		*Applicabale to circuits only.
111	Mod Rate/ Bandwidth	R*	R*		*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.
114	Temp SVC DISC	R*			*Required for temporary service date only.
115	Sig Mode	R*	R*		*Entry must be: "No Signaling."
116	CSA No.	R*	R*	R*	*Required for all DISN services. Indicate NEW LEASE on starts.
117	PDC	R	R	R	
118	Overtime/Expediting	R*	R*		*Required on all TSRs with charges insufficient leadtime.
119	Special Routing	R*	O*		Circuit TSRs only. Item 119D entry required on all circuit START/TEMP TSRs.
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	R	R	R	DISA will determine info for to Site router nodal locations.
125	Room Info	R	R	R	DISA will determine info for router nodal locations.
126	Terminal Equip	R	R	R	DISA will determine info for router nodal locations.
127	Crypto Equip	R*	R*		*Indicate "UNSECURE" or "SECURED" or crypto nomenclature, in this item.
128	Interface	R	R		DISA will determine info for nodal locations.

129	Termination	R	R		
130	Contact	R	R	R	DISA will determine info for nodal locations.
131	Mail Address	R	R		DISA will determine info for nodal locations.
139	NPA/NXX	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		
152	CUC	R*	O*		*Applicable to permanent leased ALLA (NATO) circuits only. Mandatory for international circuits leased from the PTTs, 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 transversing GIG facilities into NATO countries or for temporary circuits.
353	Sys Acronym Name	R	O	O	
357	Host IFC Eqpt/	R*	O		*Type of protocol must be identified in this item. DISN software protocol only applies to router service.
363	DISN Subscriber	R*	O*	O*	*Required only if COMSEC material is used.
364	DISN Subscriber Crypto Acct Custodian & Telephone No.	R*	O*	O*	*Required only if COMSEC material is used.
365	DISN Subscriber Crypto Acct Custodian & Mailing Address	R*	O*	O*	*Required only if COMSEC material is used.
366	DISN Subscriber Crypto Acct Custodian and 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	National Security System (NSS)	R*	R*		*Required on all new TSRs requiring procurement action by DITCO. Also required if the original "NSS" 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 TSRs. See DISAC 310-130-1, chapter C2, C2.2.
407	DITCO Acquired Equipment	R*	R*		*Required when DITCO must acquire equipment.
408	Objection to Satellite Svc	R*	R*		*Required if item 119D 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.
411	Security Rqmts	R*	R*	R*	*Required when security requirements apply.
410	Demarc Point	R	R		
413	*Shipping Information*	O	O		
414	Connection Approval	O*	O*		*May be required for certain TSRs requesting service in areas 3, 4, 5, or 6. See DISAC 310-130-1, chapter C1, C1.4.
415A	DISA Control No.	R*	R*		*Required for exercise support only.
415B	Exercise/Project	R*	R*		*Required for exercise support Name only and when the DISN service is part of a "project."
416	Cost Threshold/ DISN EST Cost	O	O		
417	Remarks	O	O	O	
418	DD 1368 Sub Agcy	O	O		
422	Transmission Media	O	O		
423	24-HR On-Call European Maint Svc	O	O		
424	ALLA No. & 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.
428	BTL	O		O	
429	Circuit Specifications	R	O		

430	Est Svc Life	R*			*Required for all new start requests for leased service, facilities, or equipment to be acquired by DITCO.
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 TSRs which request leased circuits within the U.S.
438	Assoc Leased Equipment	R*	R*	R*	*Required on all equipment requirements submitted to DITCO.
440	Commercial Access	R*	R*		*Required on all start/change TSRs 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."
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" TSRs.

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.
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-HR POC Title	R*	R*		*Required only if requesting a TSP provisioning priority.
528B	Service User 24-HR POC Daytime Telephone No.	R*	R*		*Required only if requesting a TSP provisioning priority.
528C	Service User 24-HR POC Off-Hours Telephone No.	R*	R*		*Required only if requesting a TSP provisioning priority.
529	Supplemental Info	R*	R*		*See DISAC 310-130-1, chapter C3, item 529 for required uses of this item.
531	TSP ID	R*	R*	R*	*Required for all TSP service.

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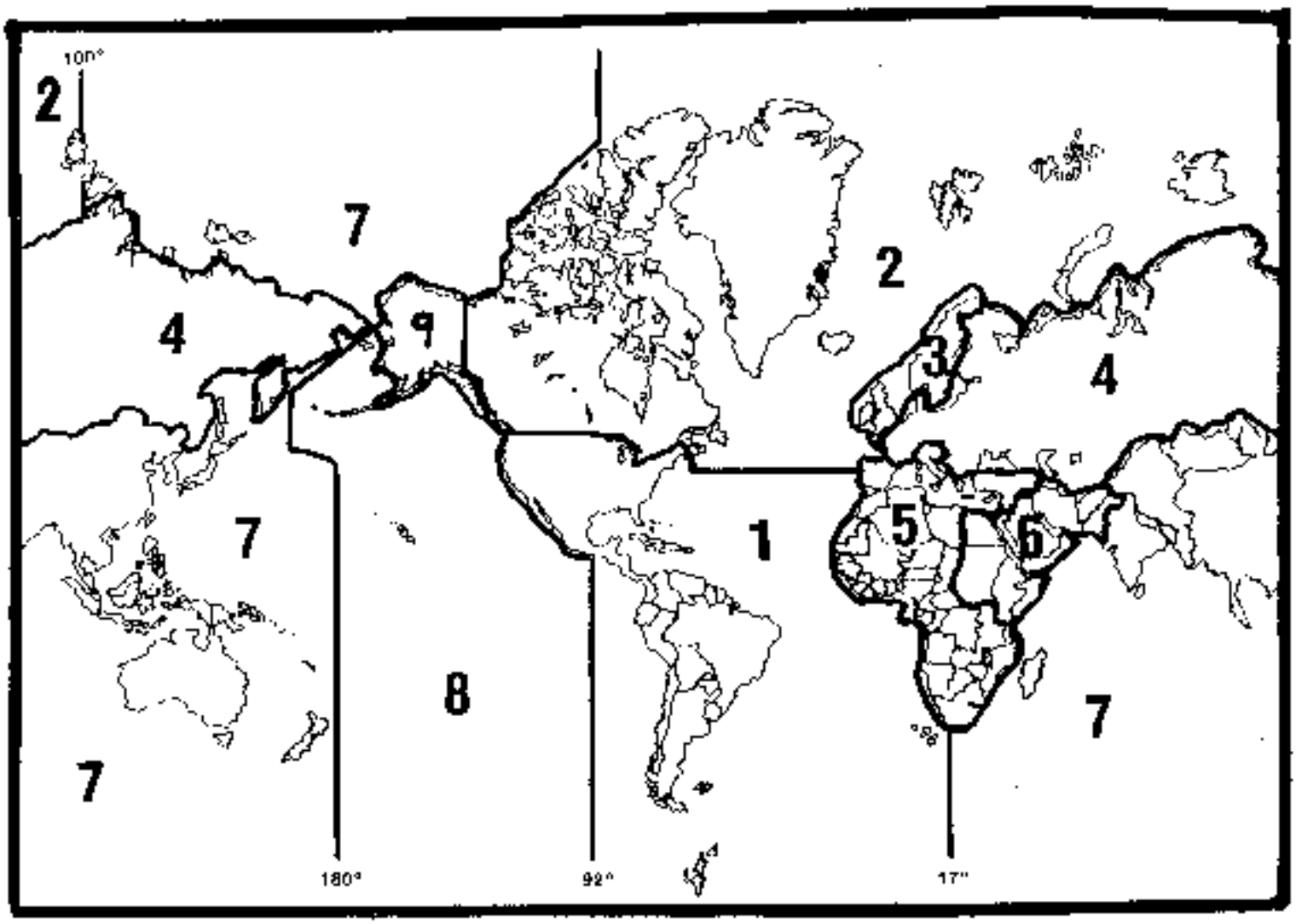
FIGURE F1.1 **GIG** ***GEOGRAPHICAL AREAS***



LEGEND:
DISA-DSC Areas 1 and 2.
DISA-PAC Areas 7, 8, and 9.
DISA-EUR Areas 3, 4, 5, and 6.

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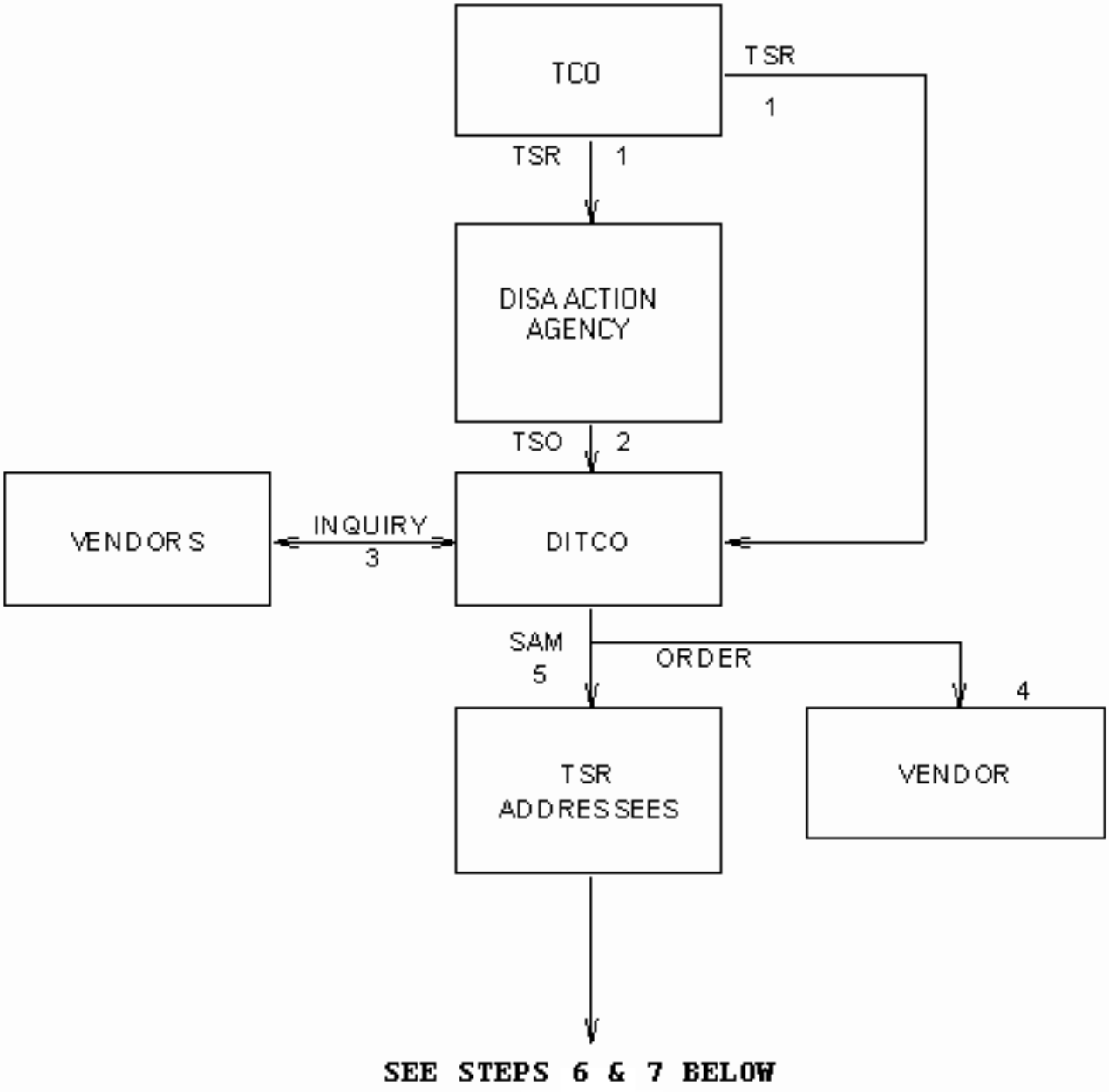
FIGURE F2.1 **FLOW OF REAWARD REQUIREMENTS**



NOTE:

1. The TCO submits "REAWARD" TSR to the appropriate DISA action activity/DITCO activity.

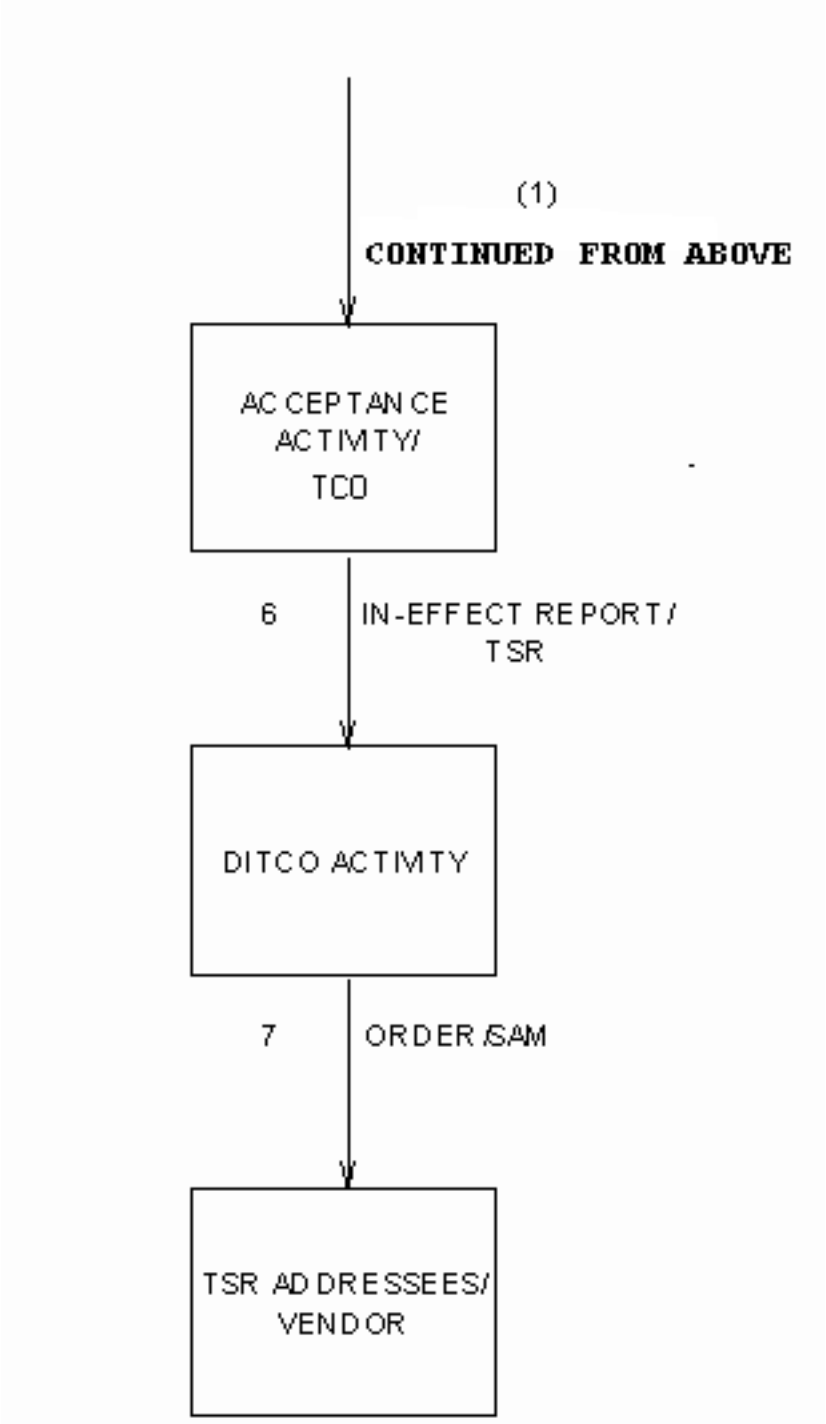
2. DISA action activity issues TSO to DITCO and/or other action agencies, with information copies to appropriate TSR addressees.

3. DITCO reviews requirement and issues inquiry to prospective vendors as applicable. Reviews quotes received and determines

successful vendor.

4. DITCO issues order to appropriate/successful vendor.

5. DITCO issues a SAM to all TSR/TSO addressees.



6. Acceptance activity issues In-Effect Report for reaward service to TSR/TSO addresses. TCO issues DISCONTINUE TSR for old service to the appropriate DITCO activity.

7. DITCO issues DISCONTINUE order to vendor and SAM to TSR addresses.

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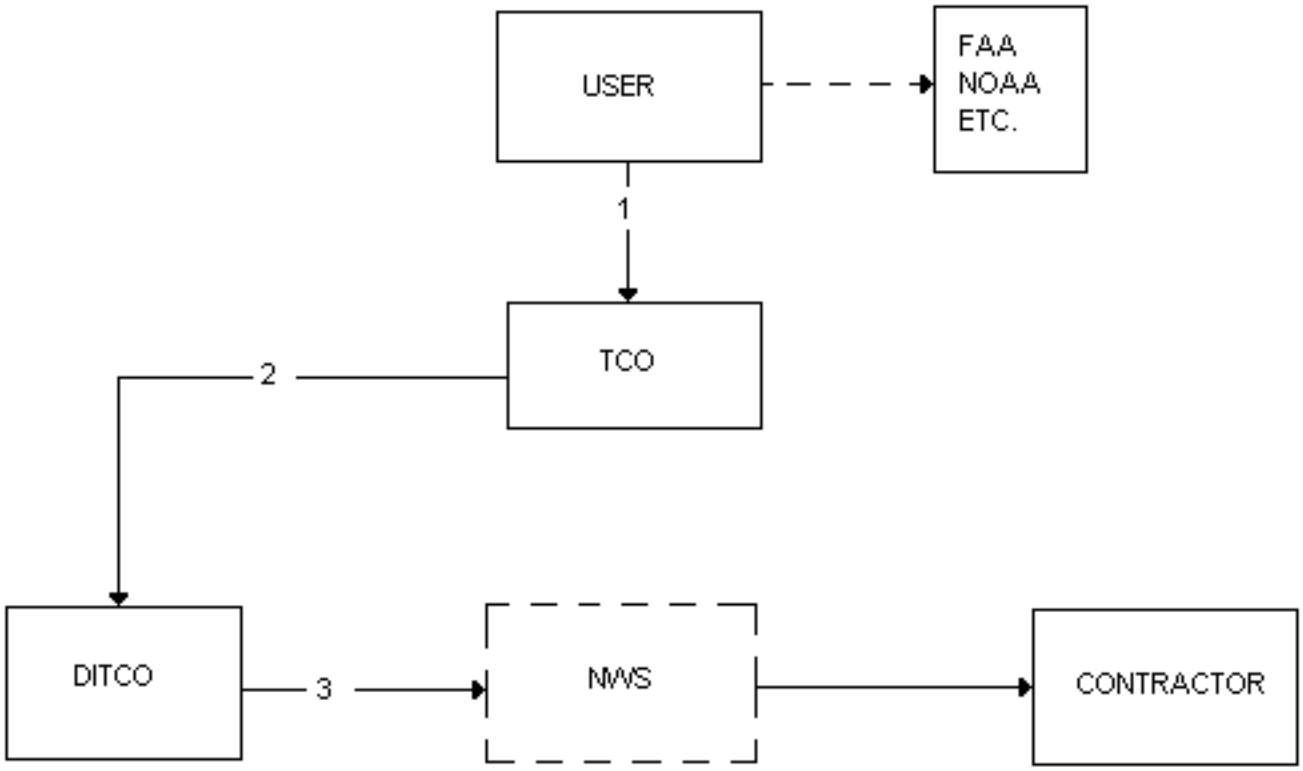
FIGURE F3.1 **FLOW OF NON-GIG LEASED REQUIREMENTS**



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 DITCO for action. A TSR for non-GIG leased service wholly within the States of Hawaii or Alaska will be addressed to DITCO-PAC or DITCO-AK, as appropriate. A copy is also forwarded to Manager, NCS, for TSP assignment, if applicable, and to DITCO-Scott/RITSR.

3. If the TSR is for service other than NOAA (GOES) weather, DITCO will perform normal leasing action with the contractor. If the TSR is for CONUS NOAA (GOES) weather, DITCO will forward the TSR for action to NWS. NWS will perform leasing action with the contractor. (See figure F4.19 for flow of NOAA (GOES) weather requirements within Alaska.)

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FIGURE F3.2 **DETERMINING RESTORATION PRIORITY LEVEL**

SUBCATEGORY	PRIORITY LEVELS 5	4	3	2	1
	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).

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FIGURE F3.3 **DETERMINING PROVISIONING PRIORITY LEVEL**

SUBCATEGORY	PRIORITY LEVELS 5	4	3	2	1	E
	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 NS/EP 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:

1. 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:

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

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

1.3 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."

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

1.5 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 National Command Center (NCC) cannot estimate these charges. Any additional charges will be assessed in accordance with applicable tariffs or contracts.

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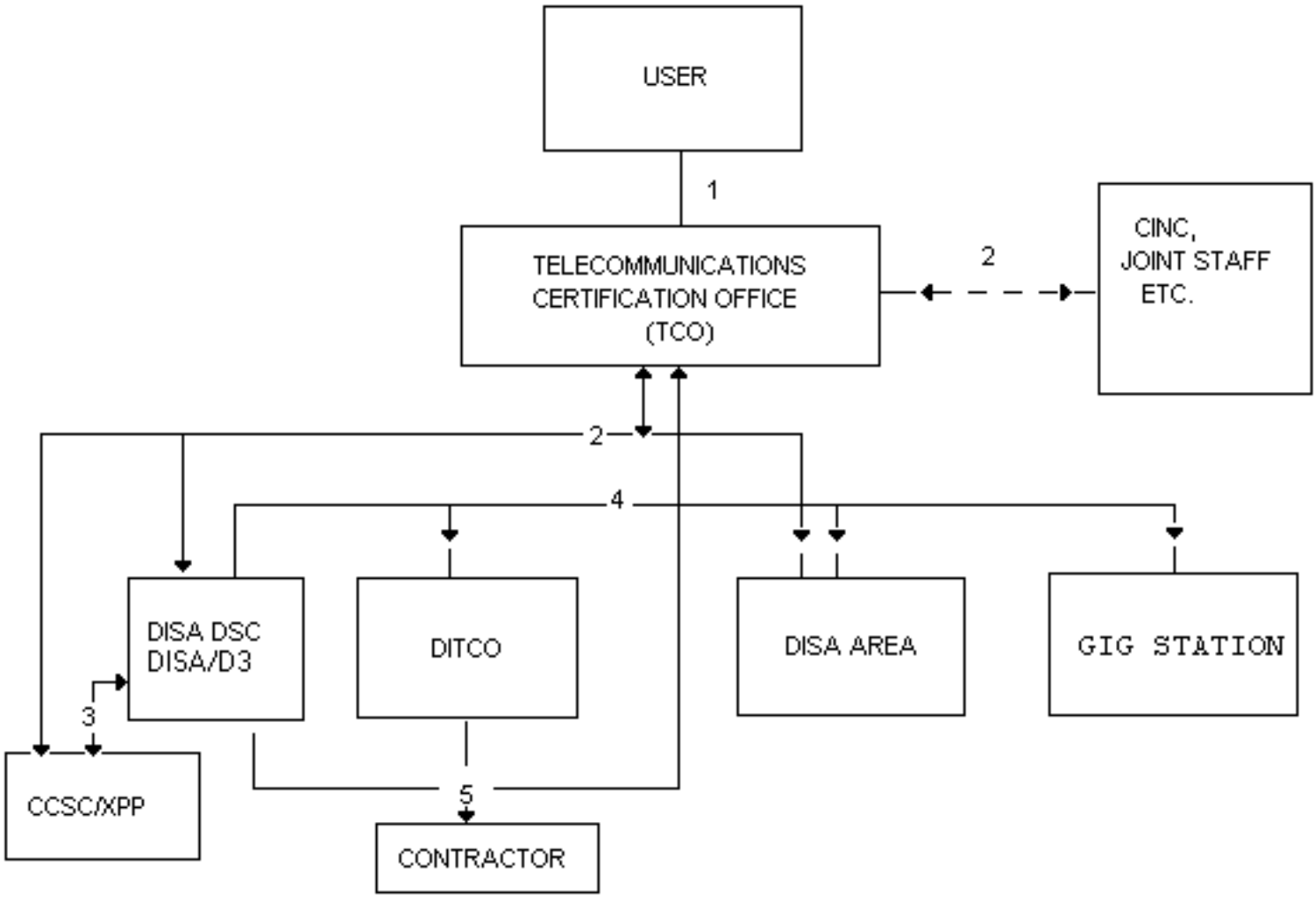
FIGURE F4.1 ***FLOW OF INTERAREA AND SPECIAL USER REQUIREMENTS***



1. Requirement processed through user's chain of command.

2. The certified requirement is sent to DISA-DSC for action (with an information copy to DISA DIS if the TSR pertains to the GIG Switched Networks), and to the DISA area(s) which will be involved; a copy of the TSR is sent to AFCA also for action only if the TSR pertains to the GIG Weather Service, and a copy of the TSR is sent to the OMNCS for TSP Assignment (see paragraph C4.3). 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 GIG 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 GIG resources, DISA DSC 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 the TCO, the TSO will contain directions to the leasing activity. *DITCO will effect the necessary leasing arrangement if the leased services to be provided are the responsibility of DISA-DSC (GIG areas 1 and 2), 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 DITCO, DITCO-PAC, or DITCO-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 GIG executive service; e.g., the Air Force in Japan, the user must make in-country, not international, tail-segment lease arrangements.) NOTE: DISA (NS) is responsible for "special user requirements" noted in paragraph C4.3.1. These requirements may be contained wholly within any one of the GIG areas or may be inter-DISA area in nature. DISA-NCR will issue a TSO to implement the requested service. DISN-C requirements will be processed through DISA-NCR to DITCO-NCR. If the requirement cannot be satisfied through DISN-C, DISA-NCR will forward the requirement to DITCO Scott for leasing action.

5. DITCO performs leasing action. The CSA issued by DITCO or DITCO 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 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 C2.10.

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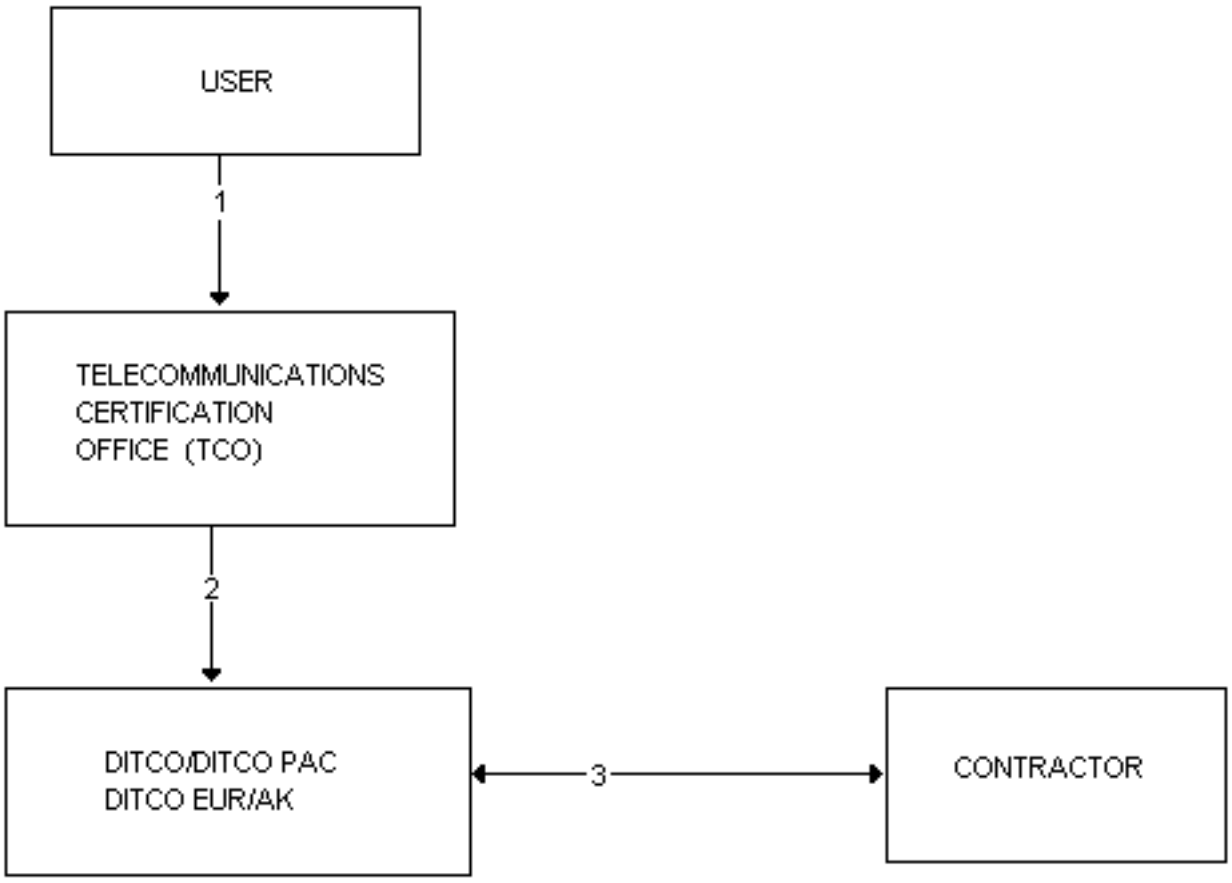
FIGURE F4.2 **FLOW OF LEASED EQUIPMENT ONLY REQUIREMENTS, EXCLUDING SPECIAL USER REQUIREMENTS**



NOTE:

1. Requirement processed through user's chain of command.

2. Certified requirements for equipment are addressed to the appropriate DITCO/DITCO field office for action as follows:

2.1 To DITCO Pacific (INFO DITCO Scott DTS/RITSR) if requirement, excluding ADPE, is not available under GSA schedule contracts, within GIG areas 7 and 8.

2.2 To DITCO Europe (INFO DITCO Scott DTS) if requirement will be obtained from a foreign carrier or firm with payment required in local currency within GIG areas 2 (Iceland/Greenland), 3, 4, 5, and 6.

2.3 To DITCO Alaska (INFO DITCO Scott DTS/RITSR) if requirement, excluding ADPE, is not available under GSA schedule contracts, within GIG area 9.

2.4 To DITCO Scott DTS (INFO DITCO Field Office if applicable) for all other requirements, including sole source requirements such as

channel packing, etc.

3. DITCO/DITCO 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 C2.10.

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), DISA (NS) Washington, DC, and to the DISA action activity in which the AUTODIN switch(es) and the subscriber terminal are located.

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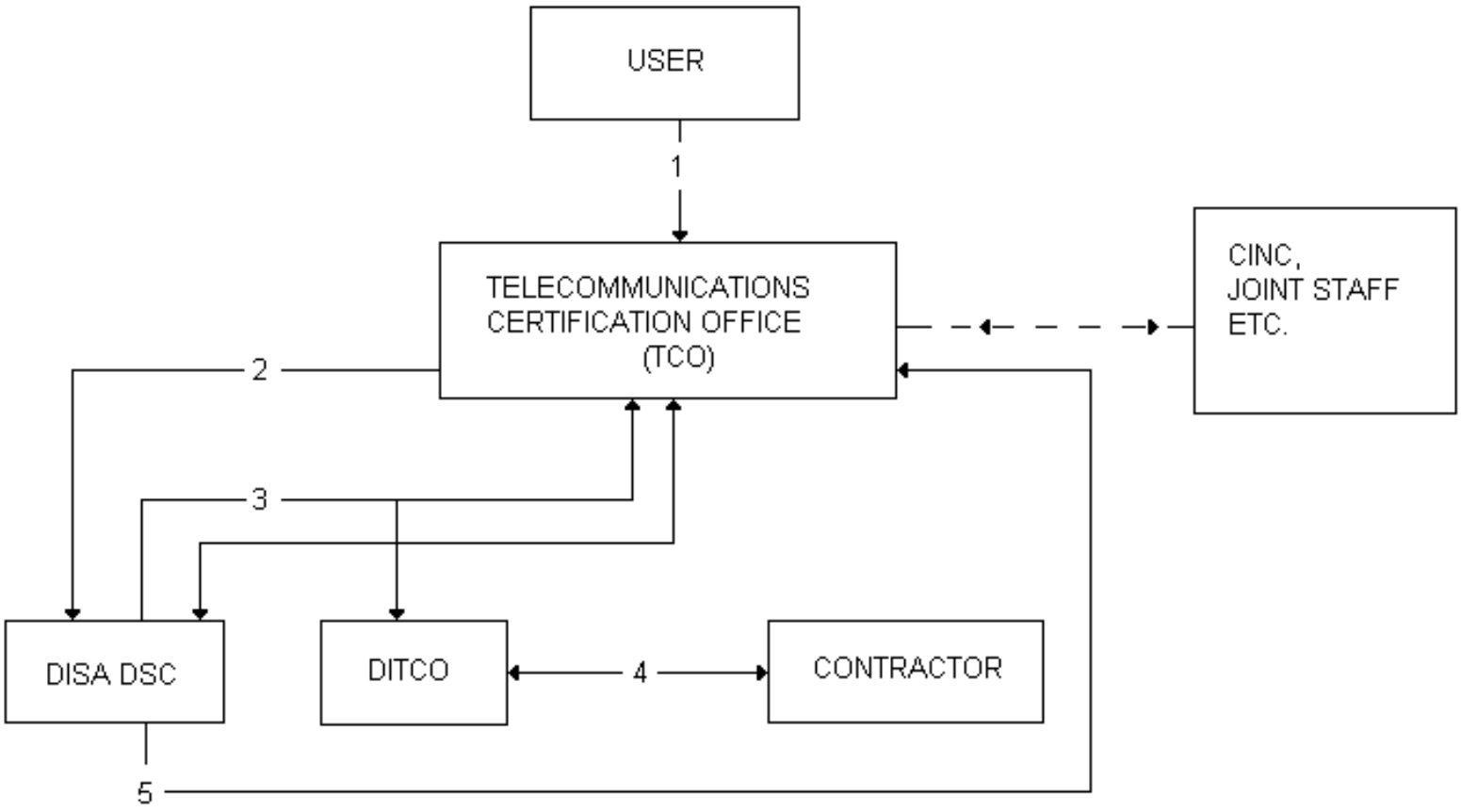
FIGURE F4.3 ***FLOW OF POINT-TO-POINT AND DSN REQUIREMENTS FOR GIG AREAS 1 AND 2, OTHER THAN CONUS DSN ACCESS LINES, CADIN, LEASED EQUIPMENT AND SPECIAL USER REQUIREMENTS***



NOTE:

1. Requirement processed through chain of command for certification.

2. Certified requirement is forwarded to DISA DSC for action and to the OMNCS for TSP Assignment. The TCO will obtain CINC, Joint Staff, or other approval, when required (item 503 of the TSR).

3. Requirements which can be fulfilled from existing resources will be implemented by DISA-DSC TSO action; an information copy of the TSO is addressed to the TCO. *Requirements for leasing action within the GIG areas 1 and 2 will be authorized by DISA-DSC TSO to DITCO.*

4. DITCO will perform normal leasing action and issue CSA to the contractor with an information copy addressed to DISA-DSC, 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 DISA (NS) with an information copy to the TCO.

6. The TSO issued by DISA-DSC will contain the CCSD, the TSR number, and the TSP Assignment. DITCO 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-DSC, 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 C2.10.

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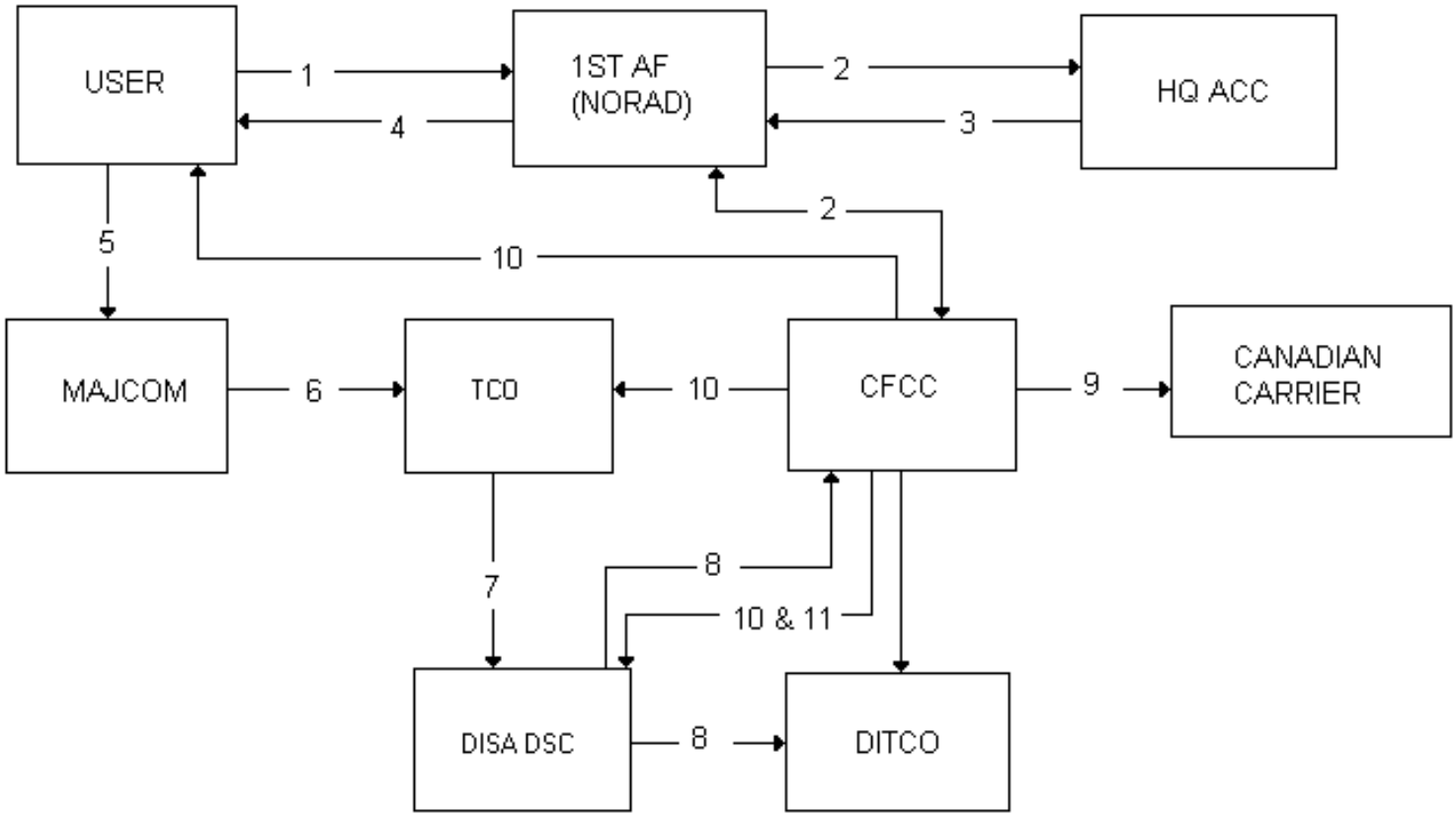
FIGURE F4.4A **FLOW OF DSN/CSN SWITCHED/DEDICATED CADIN CIRCUIT ORDERING (COST SHARED) - INTRA-CANADA (CSN) - U.S. ORIGINATED REQUIREMENT**



NOTE:

1. User requests operational validation from lst AF.

2. lst 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 lst AF.

4. lst 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: TCO; information: the user).

7. The TCO generates the TSR (action: DSC; information: the user, MAJCOM, 1st AF and/or NORAD, HQ ACC, DITCO and CFCC).

8. DSC generates the TSO (action: CFCC, DITCO; information: the user, MAJCOM, TCO, 1st AF and/or NORAD, HQ ACC and DITCO).

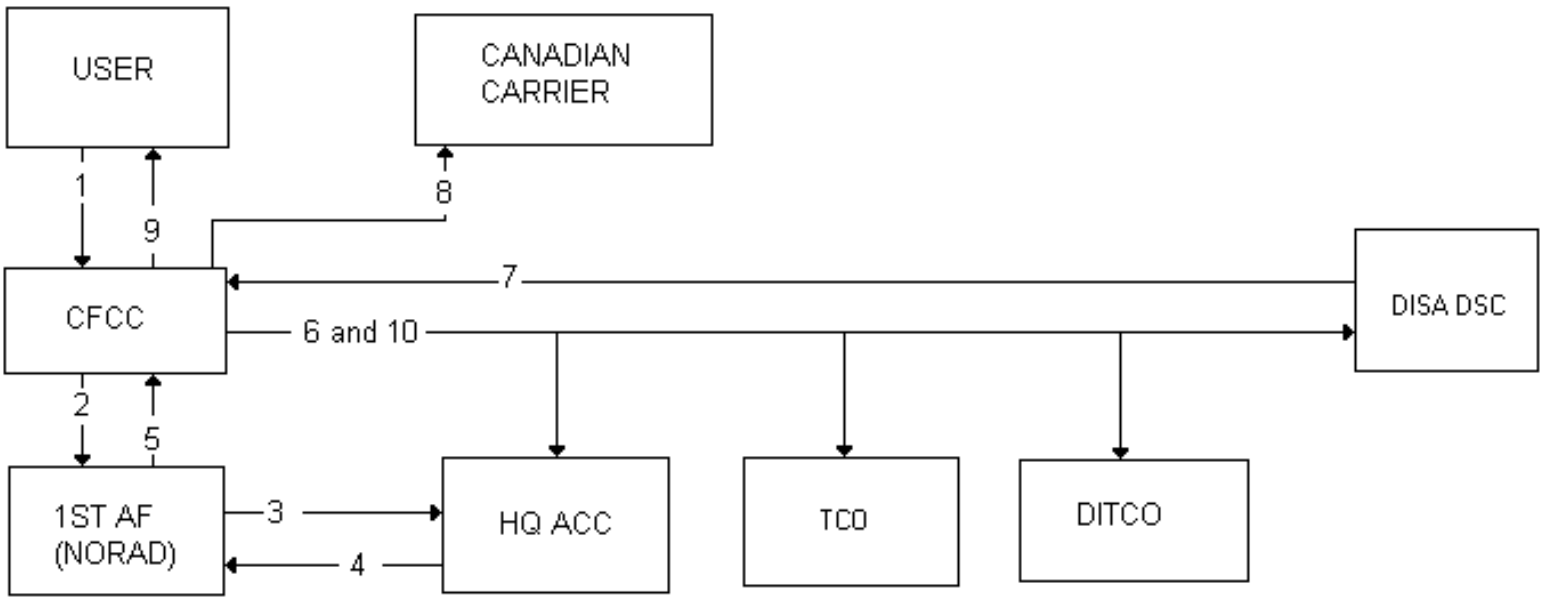
9. CFCC initiates procurement action.

10. CFCC generates a Canadian Status Acquisition Message (CSAM).

11. CCO/CMO generates a completion report (action: DSC; information: the user, MAJCOM, 1st AF and/or NORAD, HQ ACC and DITCO).

FIGURE F4.4B **FLOW OF DSN/CSN SWITCHED/DEDICATED CADIN CIRCUIT ORDERING (COST**

SHARED) - INTRA-CANADA (CSN) - CANADIAN ORIGINATED REQUIREMENT



NOTE:

1. The user submits the requirement to CFCC.

2. CFCC requests an operational validation from lst AF. The estimated or actual Monthly and Nonrecurring Costs are to be included in the request.

3. lst 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. lst AF returns the validated request to CFCC.

6. CFCC generates a TSR (action: DSC and DITCO; information: HQ ACC and TCO).

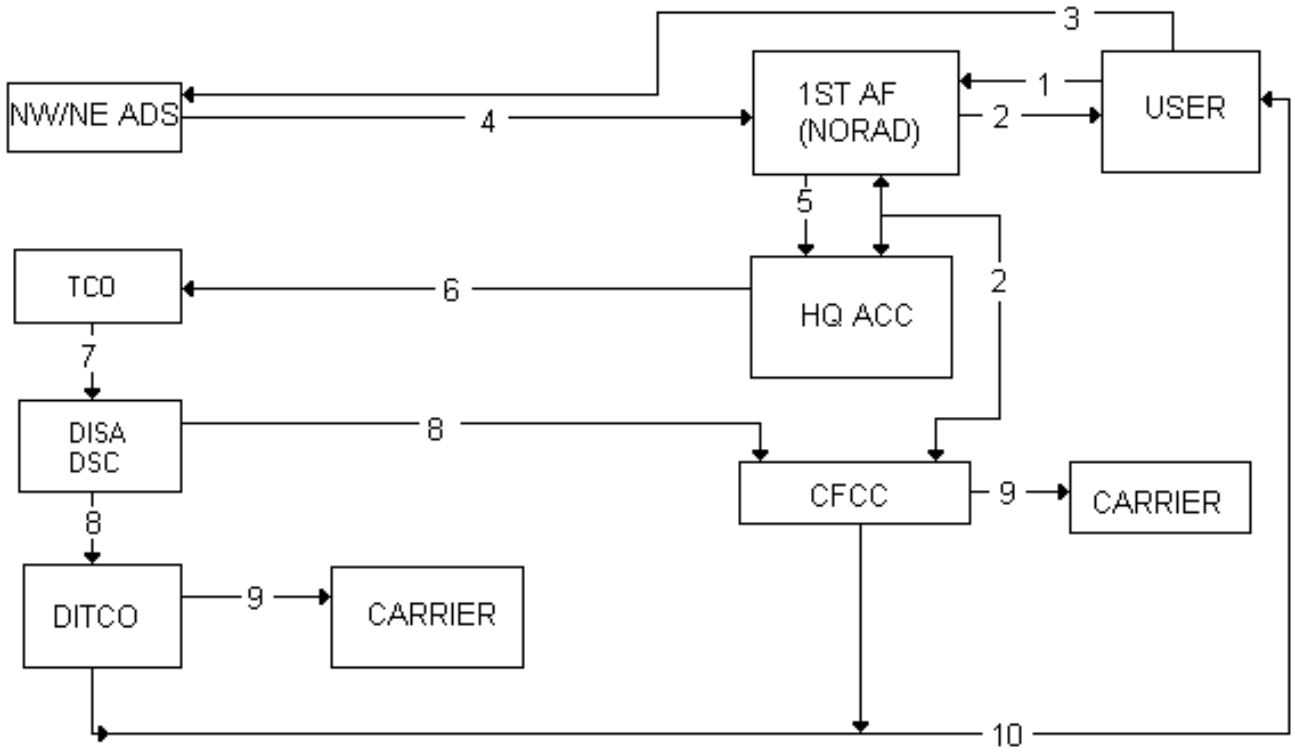
7. DSC generates TSO (action: CFCC).

8. CFCC initiates procurement action.

9. CFCC generates a CSAM.

10. CCO/CMO generates a completion report (action: DSC; information: the user, 1st AF and/or NORAD, HQ ACC, TCO and DITCO).

FIGURE F4.4C **FLOW OF DSN/CSN SWITCHED/DEDICATED CADIN CIRCUIT ORDERING (COST SHARED) - CROSS BORDER - (DSN/CSN) U.S. ORIGINATED REQUIREMENT**



NOTE:

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: lst AF; information: HQ ACC and the user).

5. lst AF submits the RFS (action: HQ ACC; information: NW or NE ADS and the user).

6. HQ ACC forwards the validated RFS (action: TCO; information: 1st AF, NW or NE ADS and the user).

7. The TCO generates the TSR (action: DSC; information: 1st AF, CFCC, NW or NE ADS and the user).

8. DSC generates the TSO (action: DITCO and CFCC; information: 1st AF, NW or NE ADS, HQ ACC and the user).

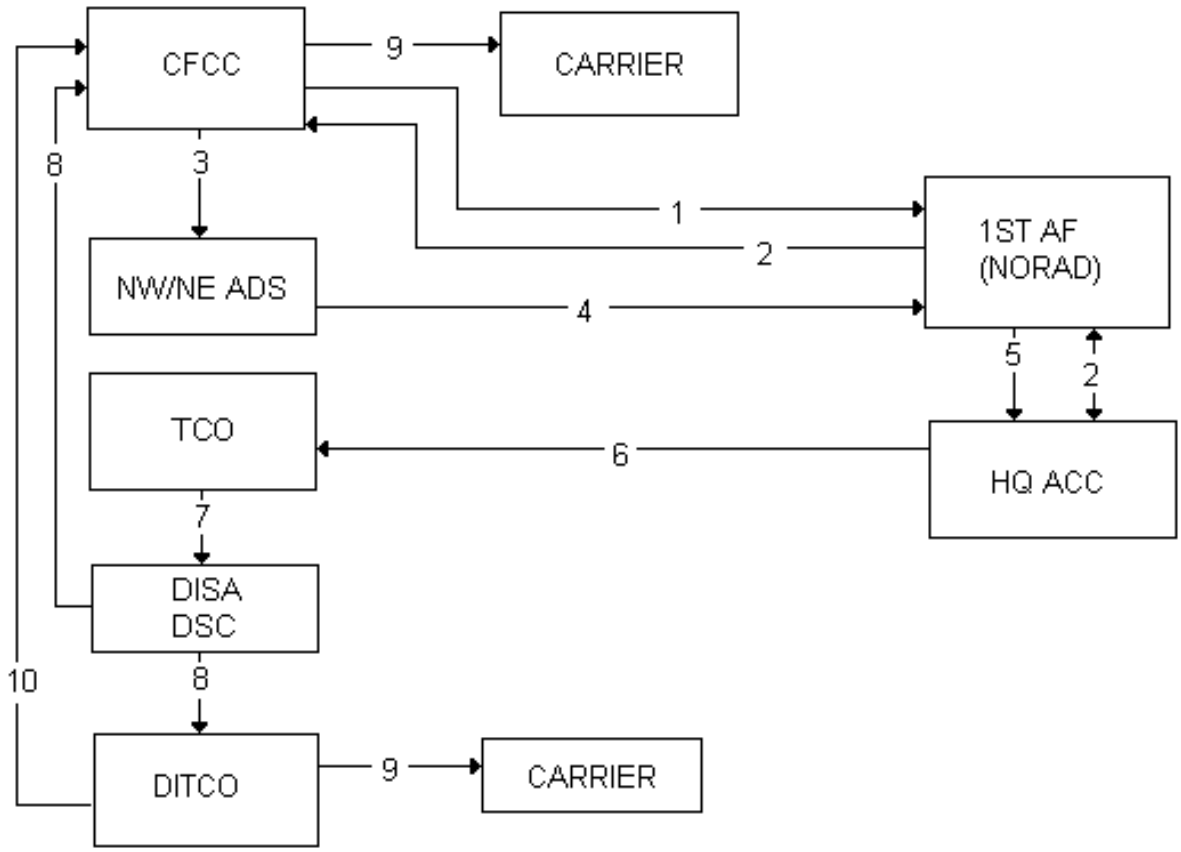
9. DITCO and CFCC initiate procurement actions.

10. DITCO 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: DSC; information: 1st AF and/or NORAD, NW or NE ADS, TCO, HQ ACC, DITCO, CFCC and the user).

FIGURE F4.4D **FLOW OF DSN/CSN SWITCHED/DEDICATED CADIN CIRCUIT ORDERING (COST**

SHARED) - CROSS BORDER (CSN/DSN) - CANADIAN ORIGINATED REQUIREMENT



NOTE:

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. lst AF forwards the RFS (action: HQ ACC; information: NW or NE ADS and CFCC).

6. HQ ACC forwards the validated RFS (action: TCO; information: NW or NE ADS, CFCC and 1st AF).

7. The TCO generates the TSR (action: DSC; information: HQ ACC, NW or NE ADS, CFCC, and 1st AF).

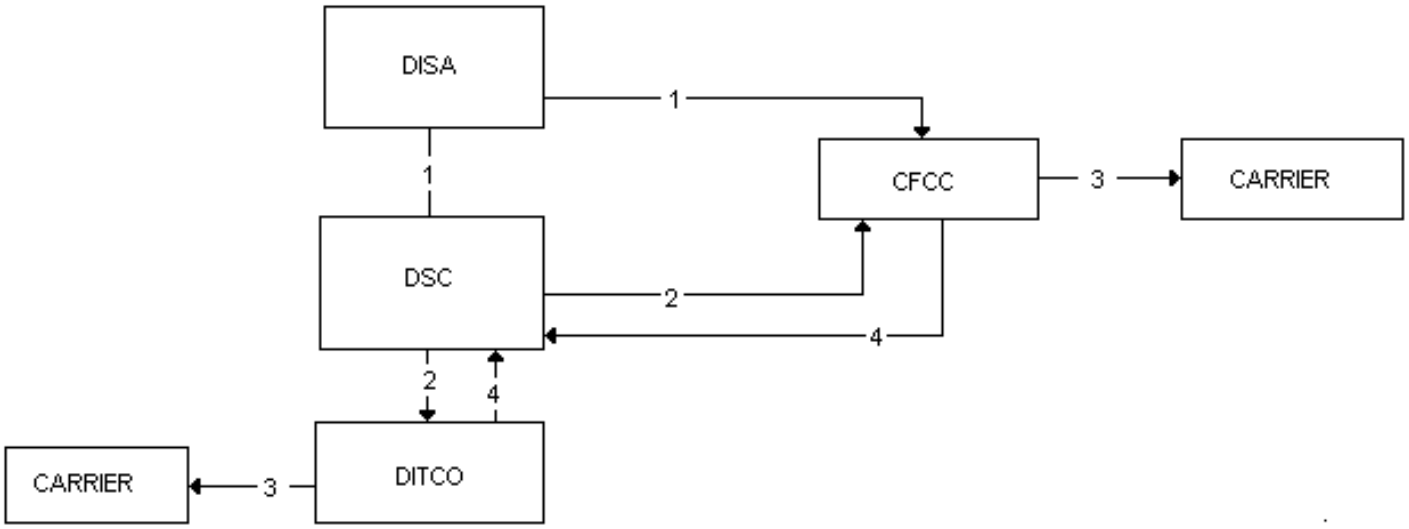
8. DSC generates a TSO (action: DITCO and CFCC; information: 1st AF, HQ ACC, NE or NW ADS).

9. DITCO and CFCC initiate procurement actions.

10. DITCO 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: DSC; information: 1st AF and/or NORAD, HQ ACC, DITCO, AFCA, NE or NW ADS and CFCC).

FIGURE F4.4E **FLOW OF DSN/CSN INTERSWITCH TRUNK ORDERING - CROSS BORDER - U.S. ORIGINATED REQUIREMENT**



NOTE:

1. DISA assigns a PDC and a CCO/CMO and initiates a TSR (action: DSC; information: CFCC).

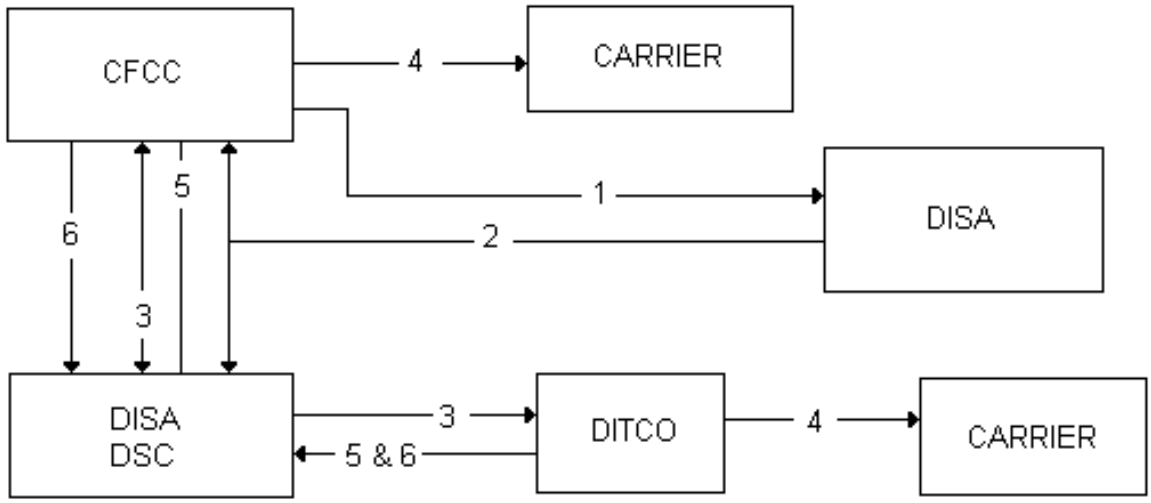
2. DSC issues the TSO (action: DITCO and CFCC).

3. DITCO and CFCC initiate procurement actions.

4. DITCO issues a SAM and CFCC issues a CSAM.

5. CCO/CMO generates a completion report.

FIGURE F4.4F **FLOW OF DSN/CSN INTERSWITCH TRUNK ORDERING - CROSS BORDER - CANADIAN ORIGINATED REQUIREMENT**



NOTE:

1. CFCC initiates a RFS to DISA.
2. DISA assigns a PDC and initiates a TSR (action: DSC; information: CFCC).
3. DSC issues a TSO (action: DITCO and CFCC).
4. DITCO and CFCC initiate procurement actions.
5. DITCO issues a SAM and CFCC issues a CSAM.
6. CCO/CMO generates a completion report.

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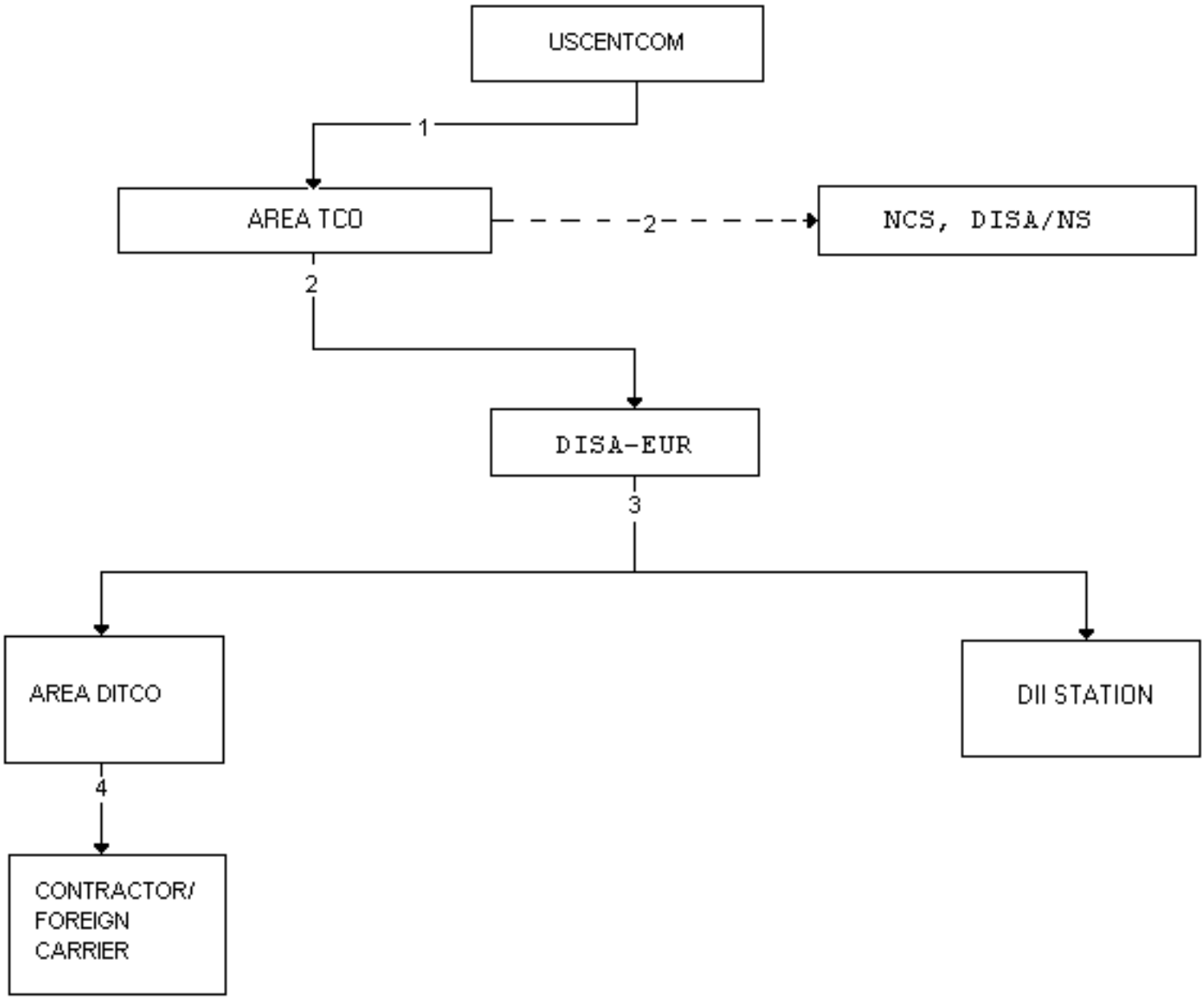
FIGURE F4.5 ***FLOW OF REQUIREMENTS FOR USCINCCENT (AREA 6)***



NOTE:

1. Requirement processed from USCENTCOM to the appropriate TCO office for validation.

2. *The area TCO office sends certified requirement for GIG service to DISA-EUR for action. An information copy of the TSR will be sent to DISA (NS) if the requirement pertains to the DSCS or GIG switched voice/data networks, respectively.* A copy will also be sent to the OMNCS 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 GIG facilities, DISA-EUR will issue a TSO to the appropriate GIG 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 DITCO agency (DITCO, DITCO-PAC, DITCO-EUR).

4. DITCO 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 paragraph C2.10.

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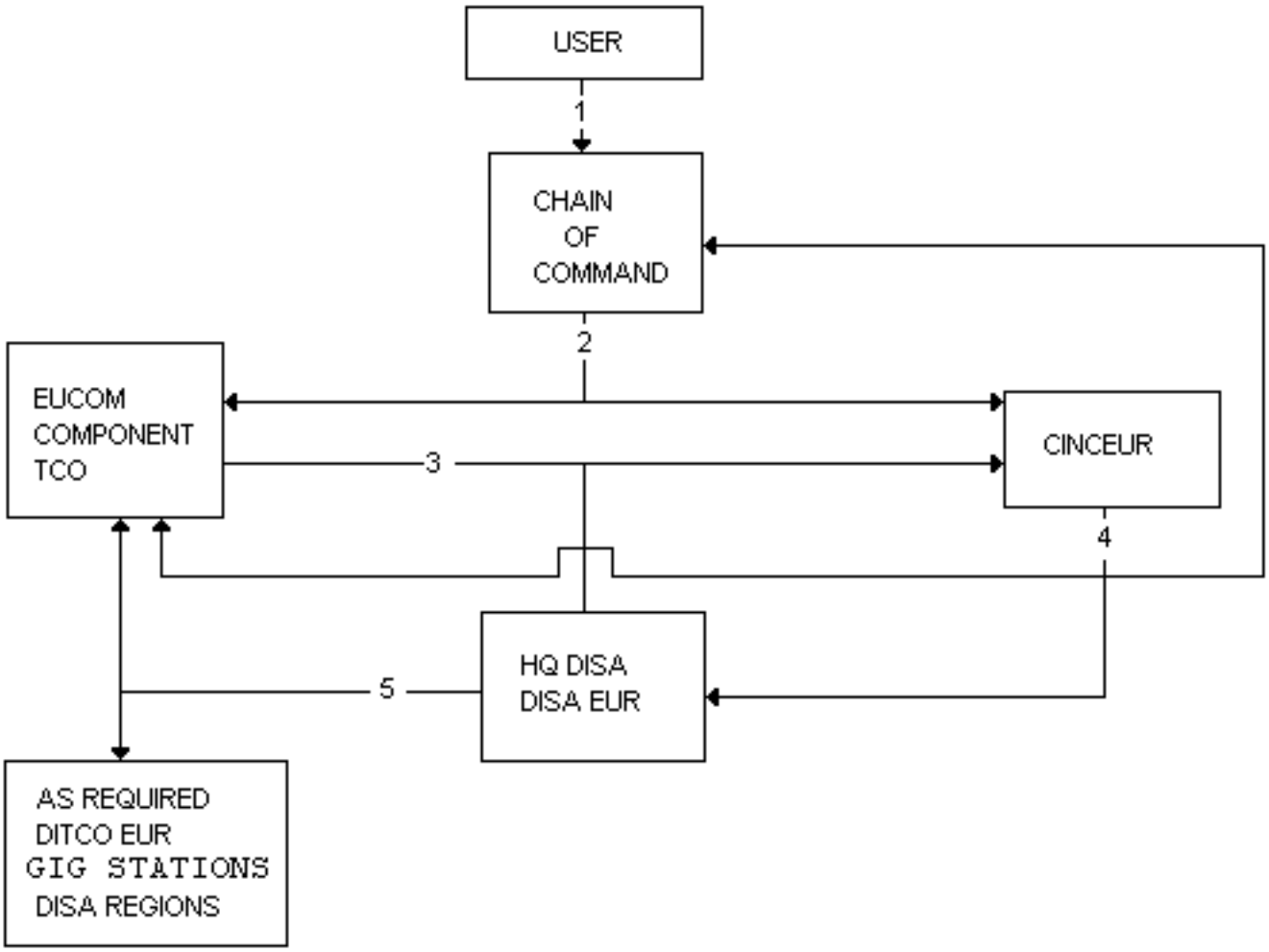
FIGURE F4.6 ***FLOW OF REQUIREMENTS WHOLLY WITHIN OR BETWEEN GIG AREAS 3, 4, 5, and 6, (DISA-EUROPE)***



NOTE:

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 C1, table T1.1, forwards TSR to USCINCEUR for concurrence in use of government-owned communications resources and for approval of the OMNCS TSP assignment. The TSR is also forwarded to the OMNCS for TSP assignment, if applicable.

4. USCINCEUR issues concurrence or nonconcurrence for use of government-owned resources and approval or nonapproval of the OMNCS TSP assignments.

5. Consult reference 4.3, Supplement S1, for unique Europe input.

6. DISA or DISA-EUR implements TSR with TSO to appropriate agencies.

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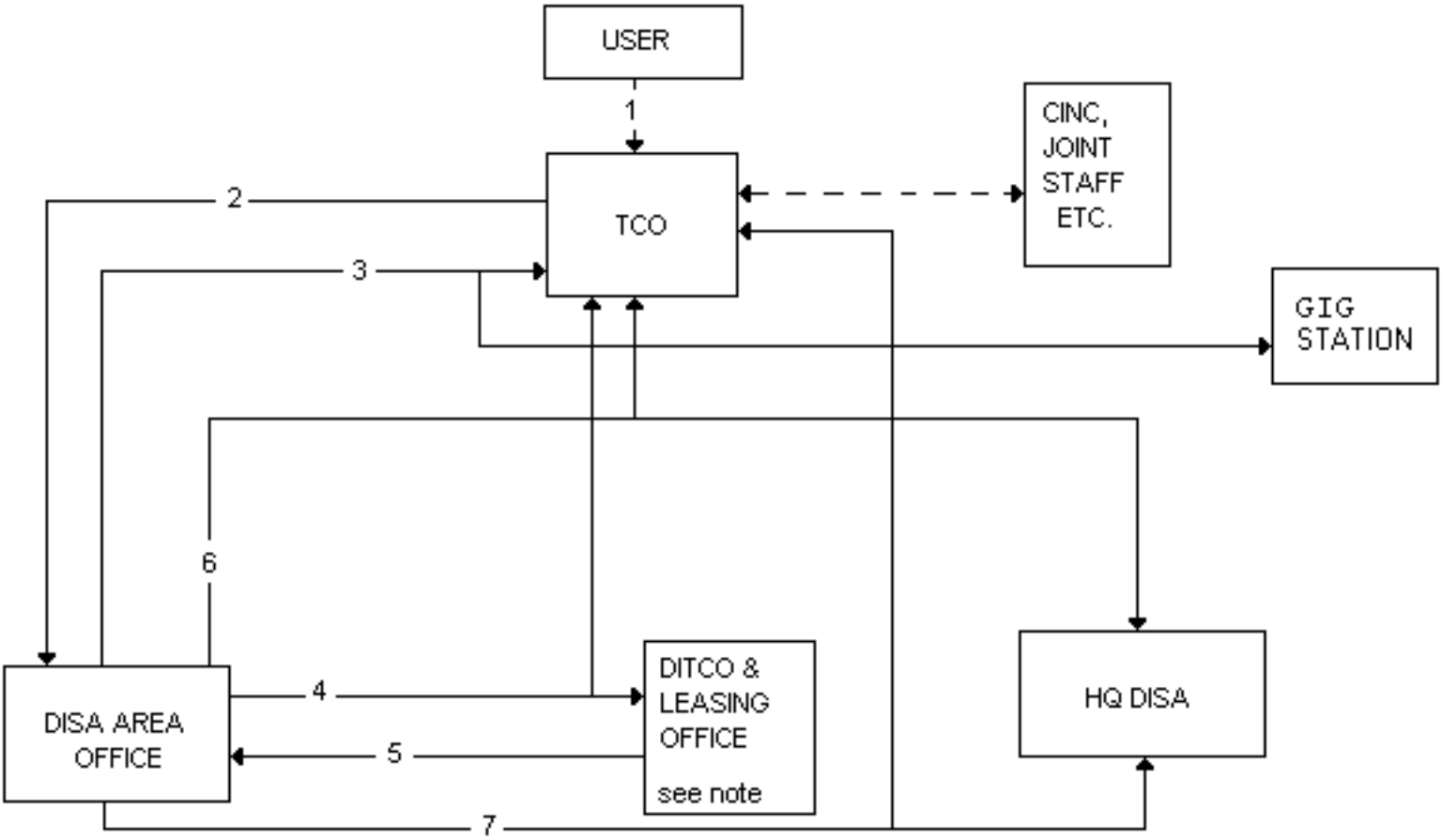
FIGURE F4.7 **FLOW OF REQUIREMENTS WITHIN THE DISA-PACIFIC AREA, EXCLUDING SPECIAL USER REQUIREMENTS AND SWITCHED NETWORKS ACCESS LINE REQUIREMENTS**



NOTE:

1. Requirement processed through user's chain of command.

2. Certified requirement is addressed to the DISA area, and a copy sent to the OMNCS for TSP Assignment. (See C4.3.) 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. DITCO 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).

6. If the additional Government-owned facilities are necessary to fulfill the requirement, a recommended subsystem/project plan will be forwarded to Director, DISA (NS) with an information copy to the TCO. (See also C2.3.)

7. The TSO issued by the area will contain the CCSD, the TSR number, and the TSP Assignment. DITCO 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 C2.10.

NOTE:

DITCO--Intercountry cable and satellite leases, equipment leases.

DITCO-PAC--Hawaii leases (information copy of TSR/TSO to DITCO-Scott/RITSR).

Country Executive O&M--In-country circuit leases.

TCO User--Other in-country leases.

Australia, New Zealand Leases--Similar to CADIN, figure F4.4, for all requirements. See C4.4.

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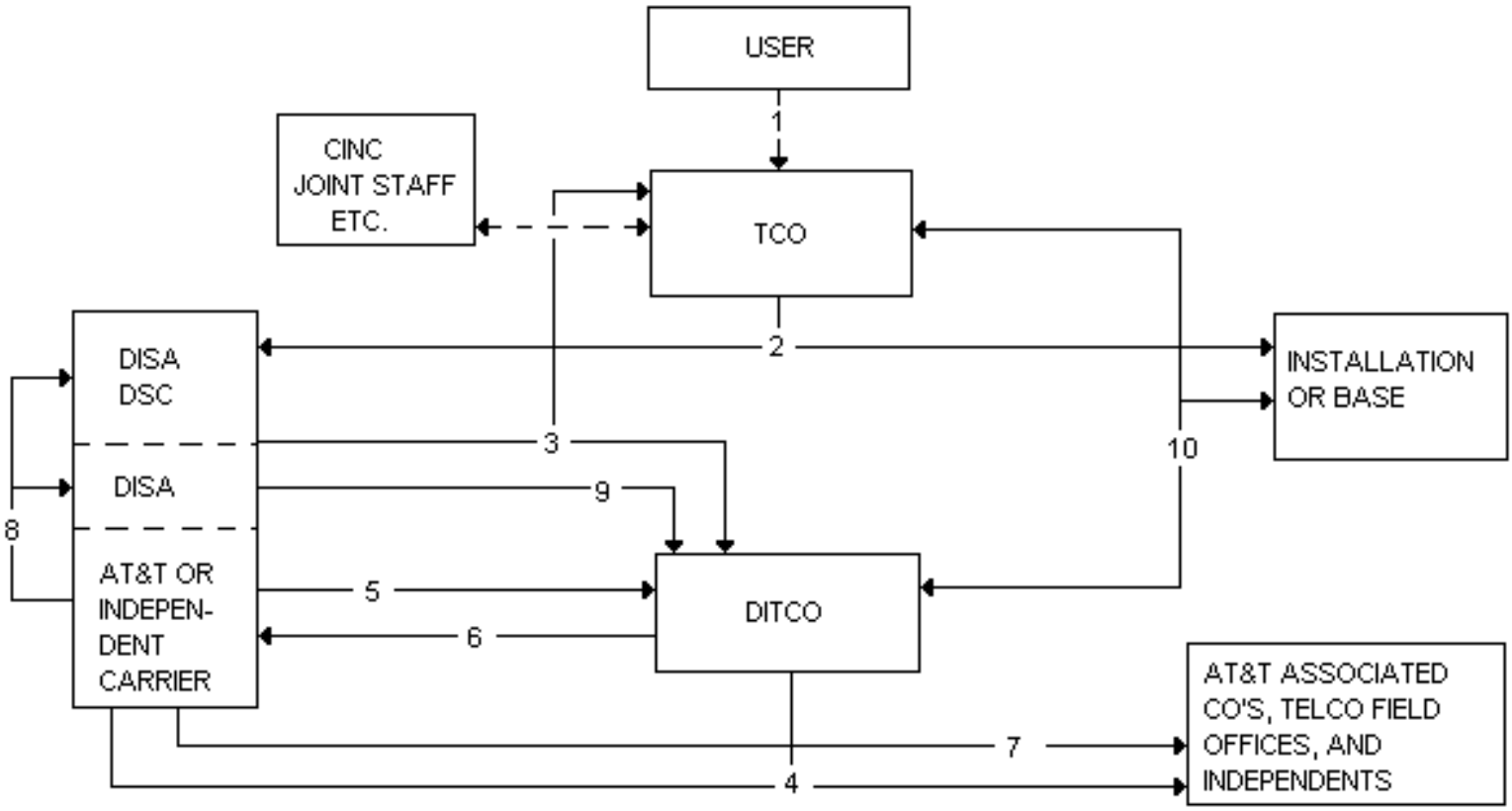
FIGURE F4.8 **FLOW OF CONUS ONLY DSN ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER REQUIREMENTS**



NOTE:

1. Requirement processed through user's chain of command.

2. Certified requirement is submitted to DISA-DSC for action with information copy to the installation (post, camp, base, station) concerned and to the OMNCS for TSP Assignment. (See C4.3.) CINC, Joint Staff, or other approval will be obtained by the TCO, where required.

3. DISA-DSC reviews the requirement and issues Telecommunications Service Order for DITCO to take necessary leasing action and provides a copy to TCO.

4. DITCO issues inquiry to the commercial carrier(s) for service. (This step is not required for disconnect.)

5. Commercial carrier receives inquiry, accomplishes internal processing, including any required coordination, and sends quotation to DITCO.

6. DITCO 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-DSC, 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-DSC.

9. DISA DIS, reviews and approves or disapproves trunk recommendations and forwards trunk worksheets to DITCO. DITCO orders the trunks that are approved.

10. The activity designated in the TSO will submit a completion report in accordance with C2.10.

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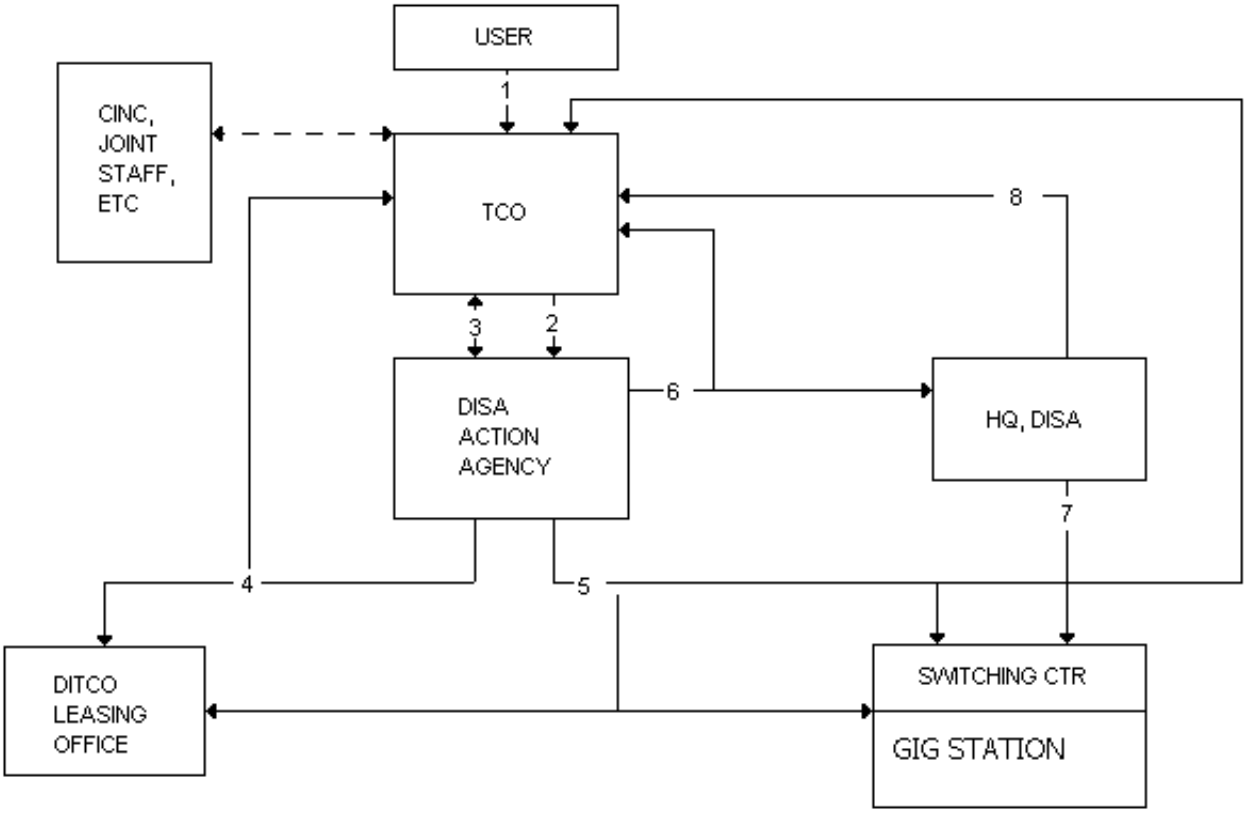
FIGURE F4.9 **FLOW OF REQUIREMENTS FOR GIG AREAS 1 AND 2, EXCLUDING CONUS DSN AND OVERSEAS FOR DII SWITCHED VOICE ACCESS LINES, EXCLUDING SPECIAL USER REQUIREMENTS AND HAWAII ON-ISLAND REQUIREMENTS**



NOTE:

1. Requirement processed through user's chain of command.

2. Certified requirement is submitted to the DISA action activity concerned for provision of service from existing **GIG** resources or leasing action, with information copies to Headquarters, DISA (DIS or DISM) and to the OMNCS for TSP Assignment. (See C4.3.) 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.

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 DITCO will be an addressee for DWCF-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 activity prepares and submits mnemonic encoding to Director, DISA (NS).

7. DISA prepares switch memory encoding and sends it to the DSN switching center.

8. If additional government-owned facilities are required, the DISA action agency submits a recommended subsystem/project plan to Director, DISA, NS, 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 C2.10.

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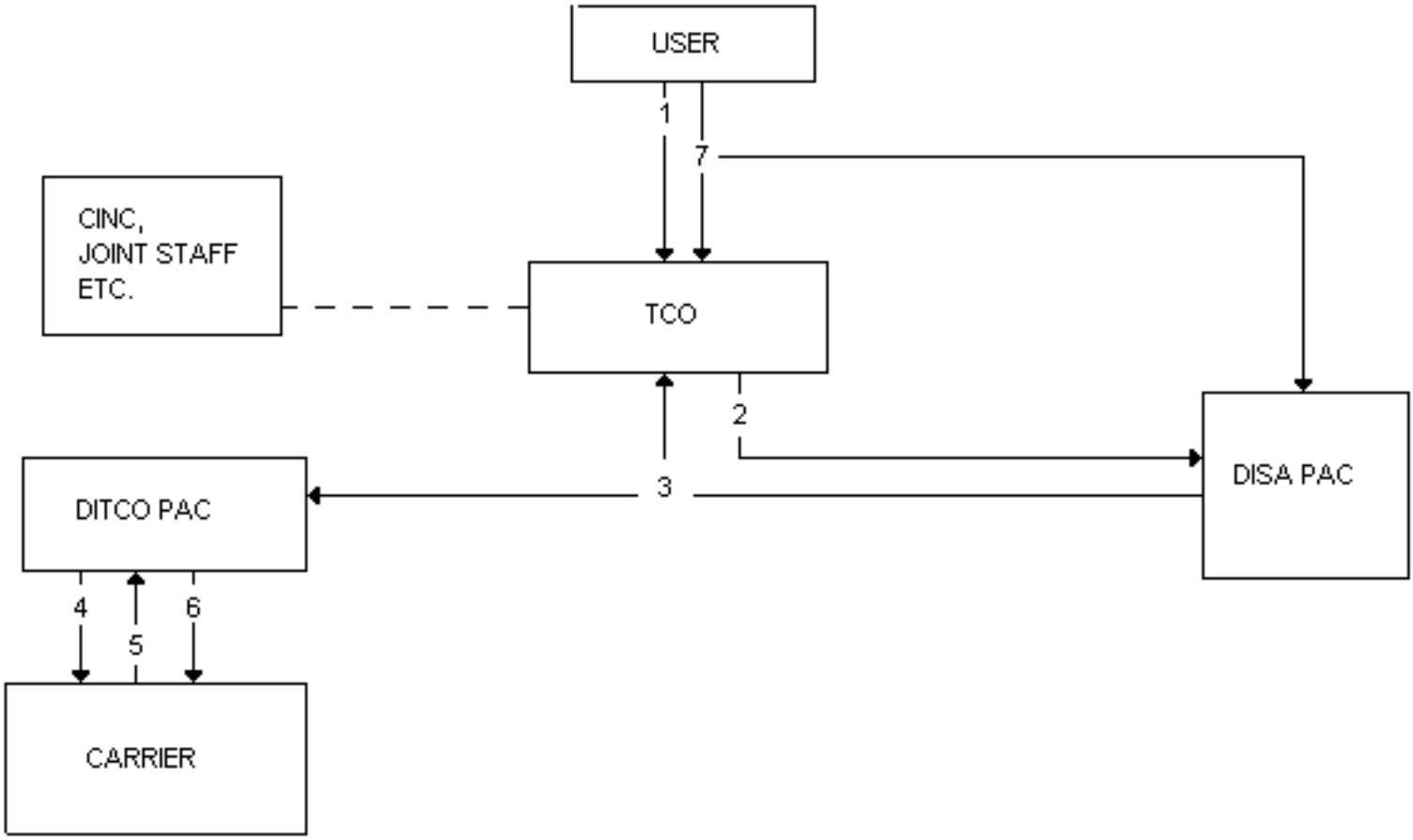
FIGURE F4.10 **FLOW OF HAWAII ON-ISLAND GIG SWITCHED VOICE ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER REQUIREMENTS**



NOTE:

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, D3, and to the OMNCS for TSP Assignment. (See C4.3.) CINC, Joint Staff, or other approval will be obtained by the TCO, where required.

3. DISA-PAC issues a TSO to DITCO-PAC with an information copy to the TCO and DITCO-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 DITCO-PAC.

6. DITCO-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 C2.10.

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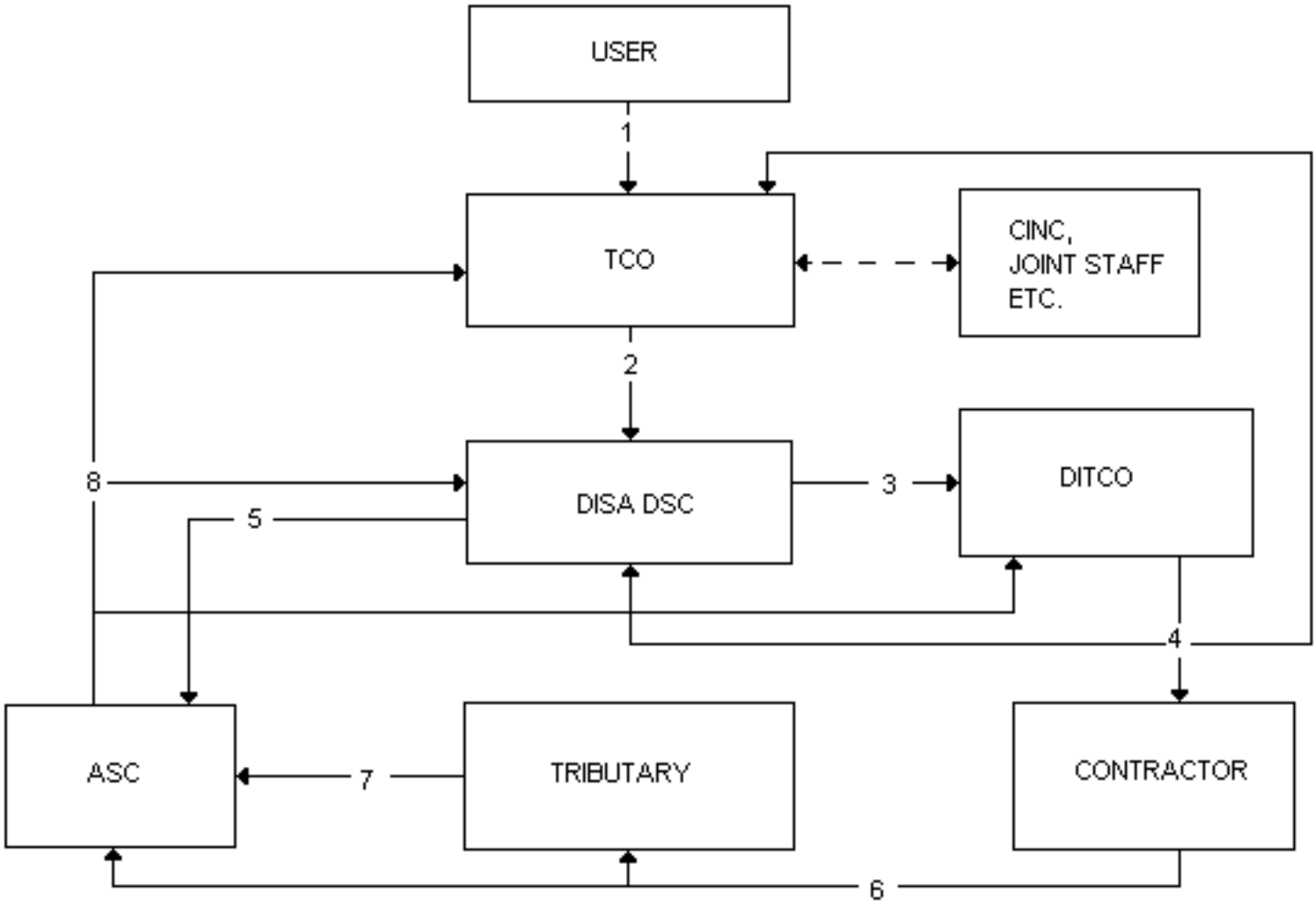
FIGURE F4.11 **FLOW OF AREAS 1 AND 2 AUTODIN ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER REQUIREMENTS**



NOTE:

1. Requirement processed through user's chain of command.

2. Certified requirement is submitted to DISA DSC for action. Copies are sent to the OMNCS for TSP Assignment. (See C4.3 of this Circular.) CINC, Joint Staff, or other approval will be obtained by the TCO, where required.

3. DISA DSC 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-DSC determines the proper ASC assignment, assigns routing indicators, and issues TSO to DITCO.

4. DITCO takes leasing action. An information copy of the order and subsequent completion report from the company is sent to the

Certifying Office and DISA-DSC. The order will contain the TSR number, the CCSD, the TSP Assignment, and the CCN as assigned in the contractor's quotation.

5. DISA-DSC makes assignments.

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 reference 4.12.

9. The activity designated in the TSO will submit a completion report in accordance with C2.10. AANs 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.

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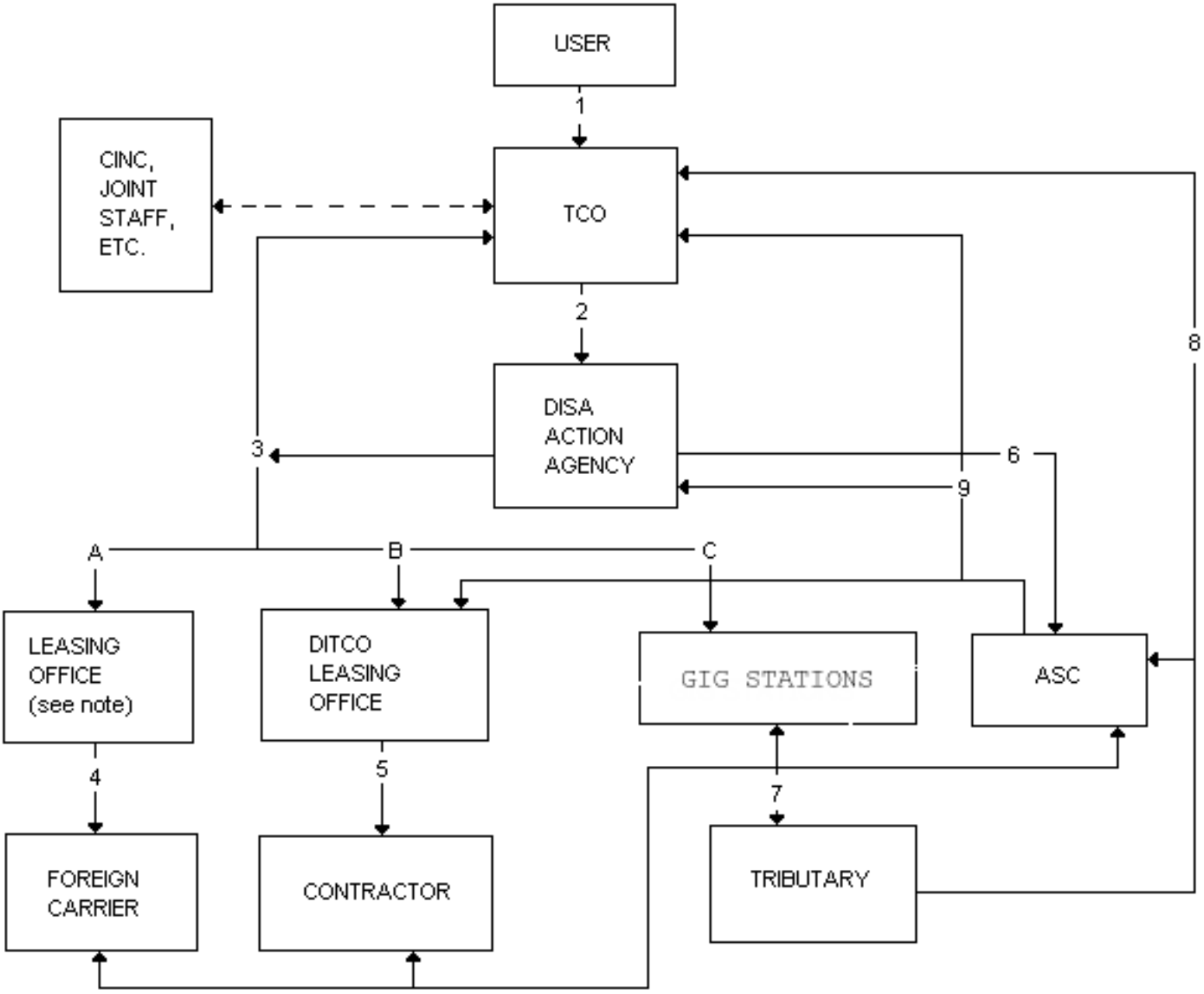
FIGURE F4.12 **FLOW OF REQUIREMENTS FOR OVERSEAS AUTODIN ACCESS LINES, EXCLUDING SPECIAL USER REQUIREMENTS AND HAWAII ON-ISLAND REQUIREMENTS**



NOTE:

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 the OMNCS for TSP Assignment, if required. (See C4.3 of this Circular.) The TSR for access lines for GIG area 9 will be sent to DISA-DSC. CINC, Joint Staff, or other approval will be obtained by the TCO, where required.

3. The DISA action activity 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. If the requirement is acceptable, the DISA action activity 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 GIG resources [3C]) and terminal equipment (either by lease [3B] or from existing GIG 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 F4.13 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 activity, 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 reference 4.12.

10. The activity designated in the TSO will submit a completion report in accordance with C2.10. 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: DITCO--Equipment and intercountry cable and satellite leases.

DITCO-PAC--Hawaii circuit and equipment leases, Pacific equipment leases (with information copy of TSR/TSO to DITCO-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 F4.4, for all requirements. See C4.4.

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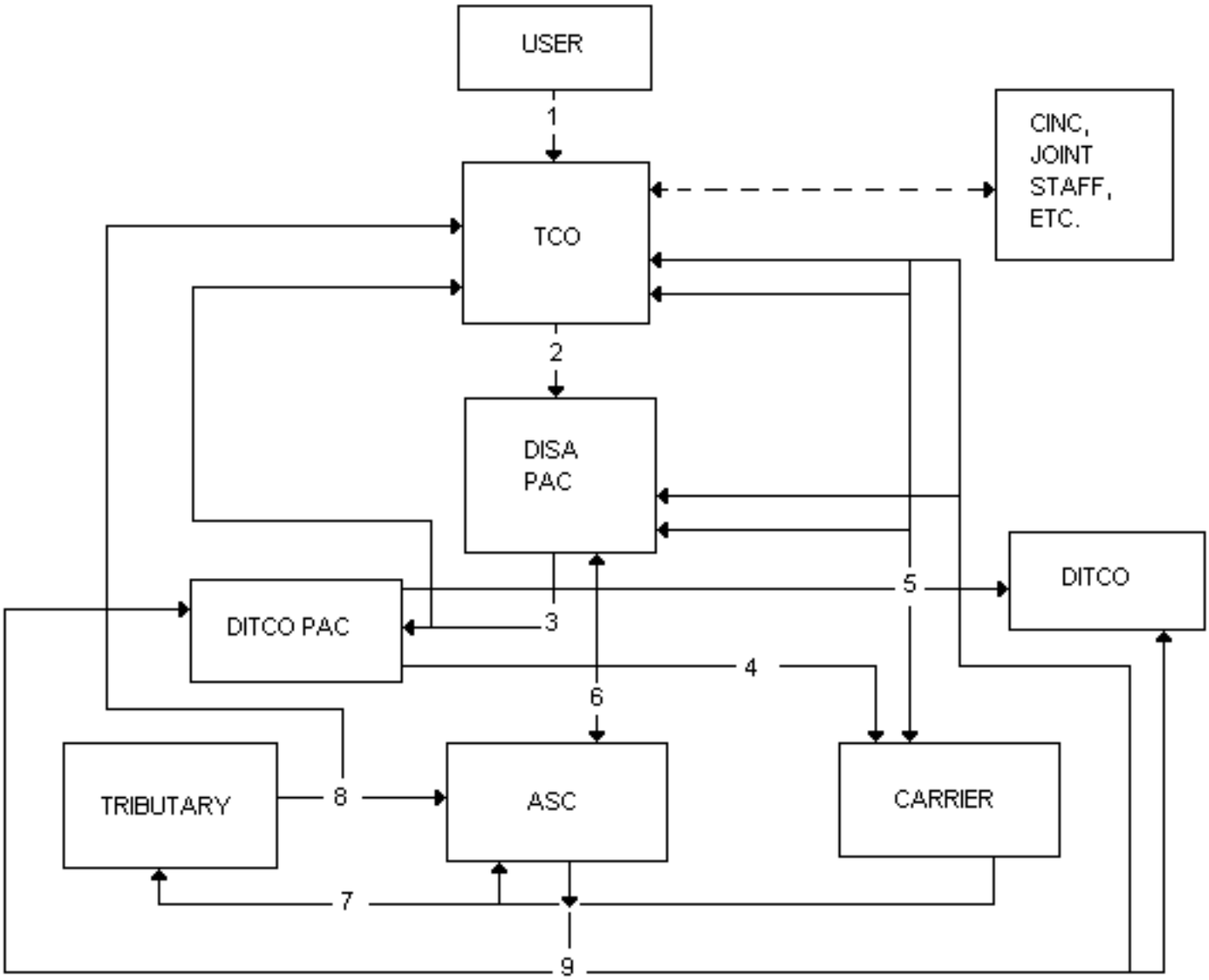
FIGURE F4.13 **FLOW OF HAWAII ON-ISLAND AUTODIN ACCESS LINE REQUIREMENTS, EXCLUDING SPECIAL USER REQUIREMENTS**



NOTE:

1. Requirement processed through user's chain of command.

2. Certified requirement is submitted to DISA-PAC for action. Copies are sent to the OMNCS for TSP Assignment. (See C4.3 of 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 DITCO-PAC for action and

the TCO and DITCO-Scott/RITSR for information.

4. DITCO-PAC takes leasing action, if necessary.

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 reference 4.12.

10. The activity designated in the TSO will submit a completion report in accordance with C2.10. AUTODIN Action Notices submitted in accordance with paragraph 9 above constitute an in-effect report and no separate report under this Circular is required.

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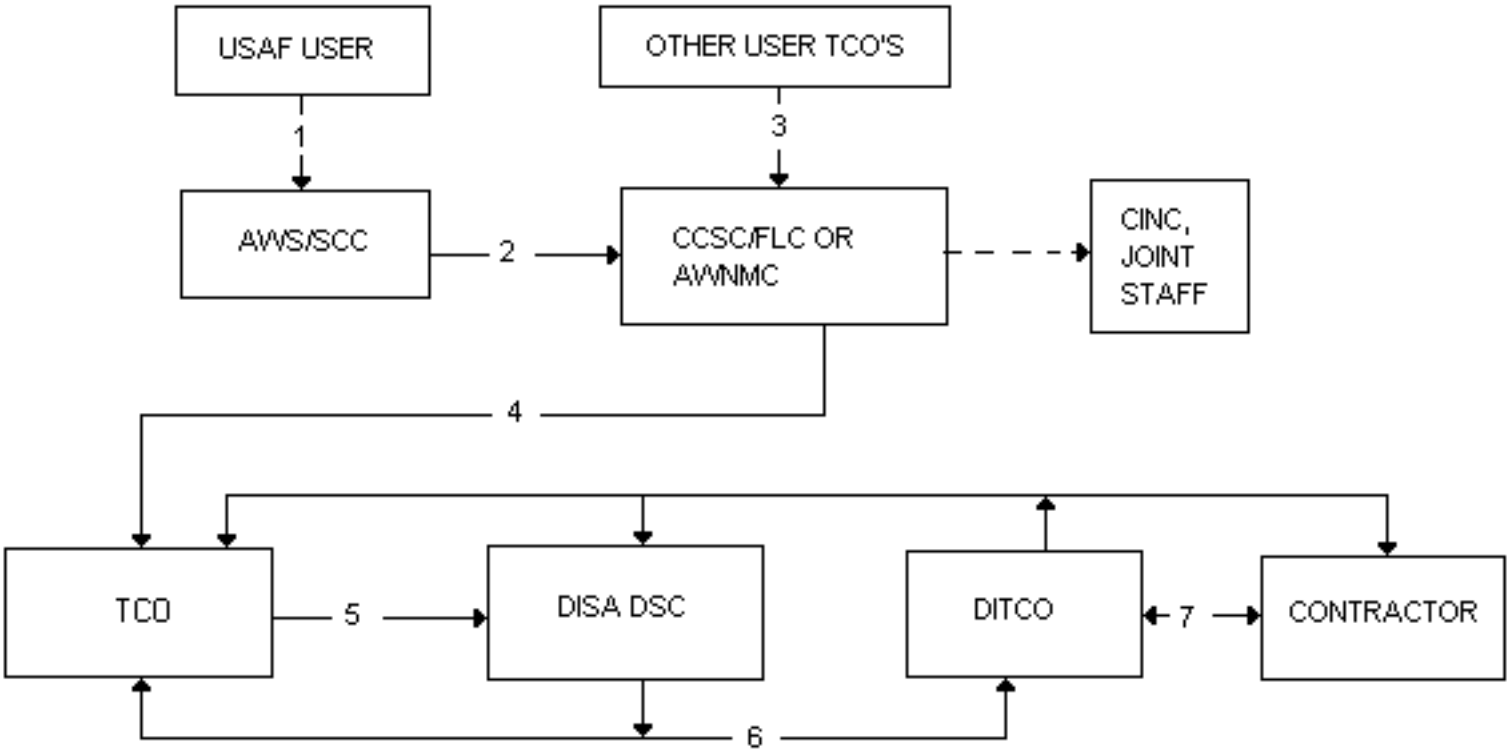
FIGURE F4.14 **FLOW OF WEATHER REQUIREMENTS WITHIN CONUS FOR USAF-CONTROLLED WEATHER SERVICE**



NOTE:

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 TCO.

5. The AFCA certifies fund availability and forwards the TSR to DISA-DSC for TSO action and to the OMNCS for TSP Assignment, if required.

6. DISA-DSC assigns CCSD, issues TSO, and forwards the TSO to DITCO

and other activities having an interest in the service.

7. DITCO performs normal leasing action with contractor. (Leased terminal equipment supporting weather service will be obtained in accordance with figure F4.2.)

8. DITCO issues CSA to contractor with copy to DISA DSC and other activities having an interest in the service.

9. The activity designated in the TSO will submit a completion report in accordance with C2.10.

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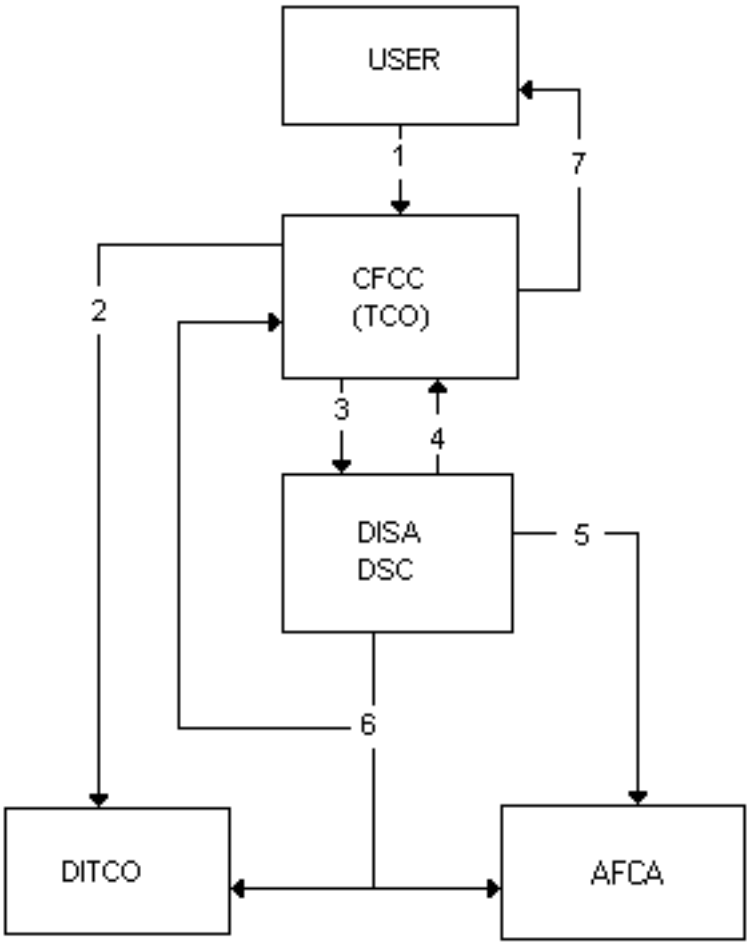
FIGURE F4.15 **FLOW OF CANADIAN GOVERNMENT MILITARY (NON-CADIN) REQUIREMENTS WITHIN AND BETWEEN GIG AREAS 1 AND 2 AND NONMILITARY REQUIREMENTS WITHIN AREA 2**



NOTE:

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 DITCO in accordance with existing DITCO and CFCC procedures. Information copies of the TSR will be sent to DISA-DSC and to the OMNCS for TSP Assignment. (See C4.3 of 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-DSC to determine availability of U.S. Government-owned facilities.

4. If U.S. Government-owned facilities are not available, DISA-DSC returns requirement to CFCC.

5. If U.S. Government-owned facilities are available, DISA-DSC

coordinates with AFCA to determine whether reimbursement for use of U.S. Government-owned facilities in Canada is required. If reimbursement is required, AFCA will take direct action with the using Canadian Government agency in accordance with established AFCA procedures.

6. DISA-DSC assigns a CCSD and issues TSO to all elements having implementing responsibility, including DITCO if leasing action south of the U.S.-Canada border is required, and AFCA if reimbursement for use of U.S. Government-owned facilities in Canada is required. Leasing action south of the United States-Canada border will be handled by DITCO in accordance with existing DITCO 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 C2.10.

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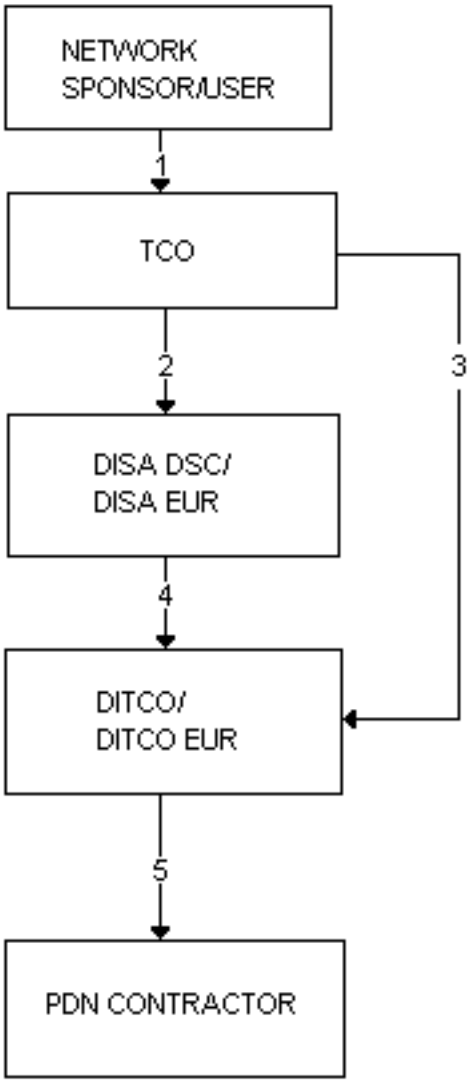
FIGURE F4.16 **FLOW OF NETWORK SERVICE PDN REQUIREMENTS**



NOTE:

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 the DISA action activity and to submit a detailed Public Data Network (PDN) Performance Specification (PS) to DITCO. DITCO provides the TCO 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 action activity.

3. Simultaneously with the TSR, TCO forwards PS directly to DITCO-Scott or DITCO-Europe as appropriate. Network requirements for a host computer in Hawaii or Alaska will be processed by DITCO-Scott.

Network service in other Pacific areas will be leased by the appropriate MILDEP contracting activity; e.g., 5th AF in Japan.

4. DISA action activity processes the TSO to DITCO-Scott/DITCO-Europe for processing with PS.

5. DITCO executes formal, competitive acquisition action in close coordination with TCO and user.

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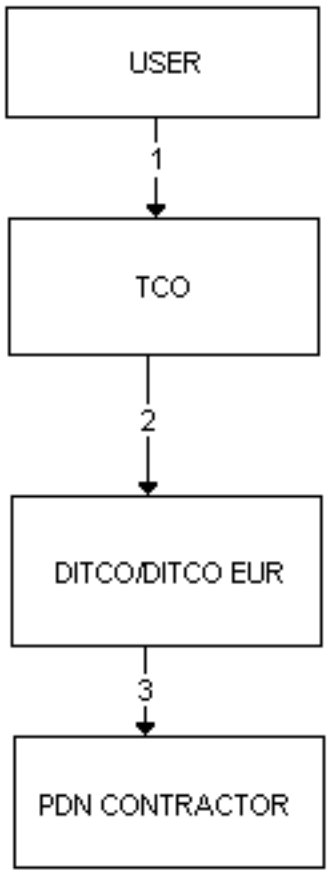
FIGURE F4.17 ***FLOW OF REQUIREMENTS FOR OVERSEAS DIAL ACCESS TO THE PDN***



NOTE:

1. Overseas users needing dial-up access to the existing PDN process request through command channels to TCO.

2. TCO validates requirement and submits TSR to DITCO-Scott or DITCO-Europe. DITCO 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 GIG areas 3, 4, 5, and 6 are processed by DITCO-Europe.*

3. DITCO-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. DITCO-Europe acquires service from appropriate local carrier or CONUS PDN carrier's authorized agent.

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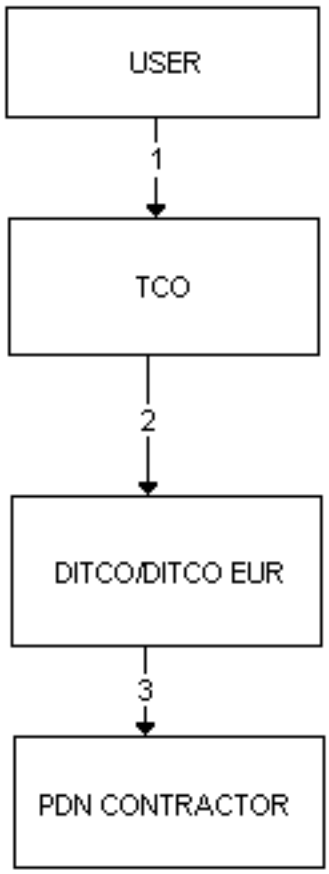
FIGURE F4.18 ***FLOW OF PDN ELECTRONIC MAIL REQUIREMENTS***



NOTE:

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 DITCO or DITCO-Europe. Requirements for CONUS, Hawaii, and Alaska are processed by DITCO-Scott. *Those in GIG areas 3, 4, 5, and 6 are processed by DITCO-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. DITCO provides the TCO guidance on format and content required for this type of PS.

3. After working with TCO and sponsor to refine PS, DITCO completes formal, competitive acquisition of service from among PDN carriers. DITCO does not acquire electronic mail services offered by remote teleprocessing companies. These types of services are acquired

through GSA's Teleprocessing Service Program.

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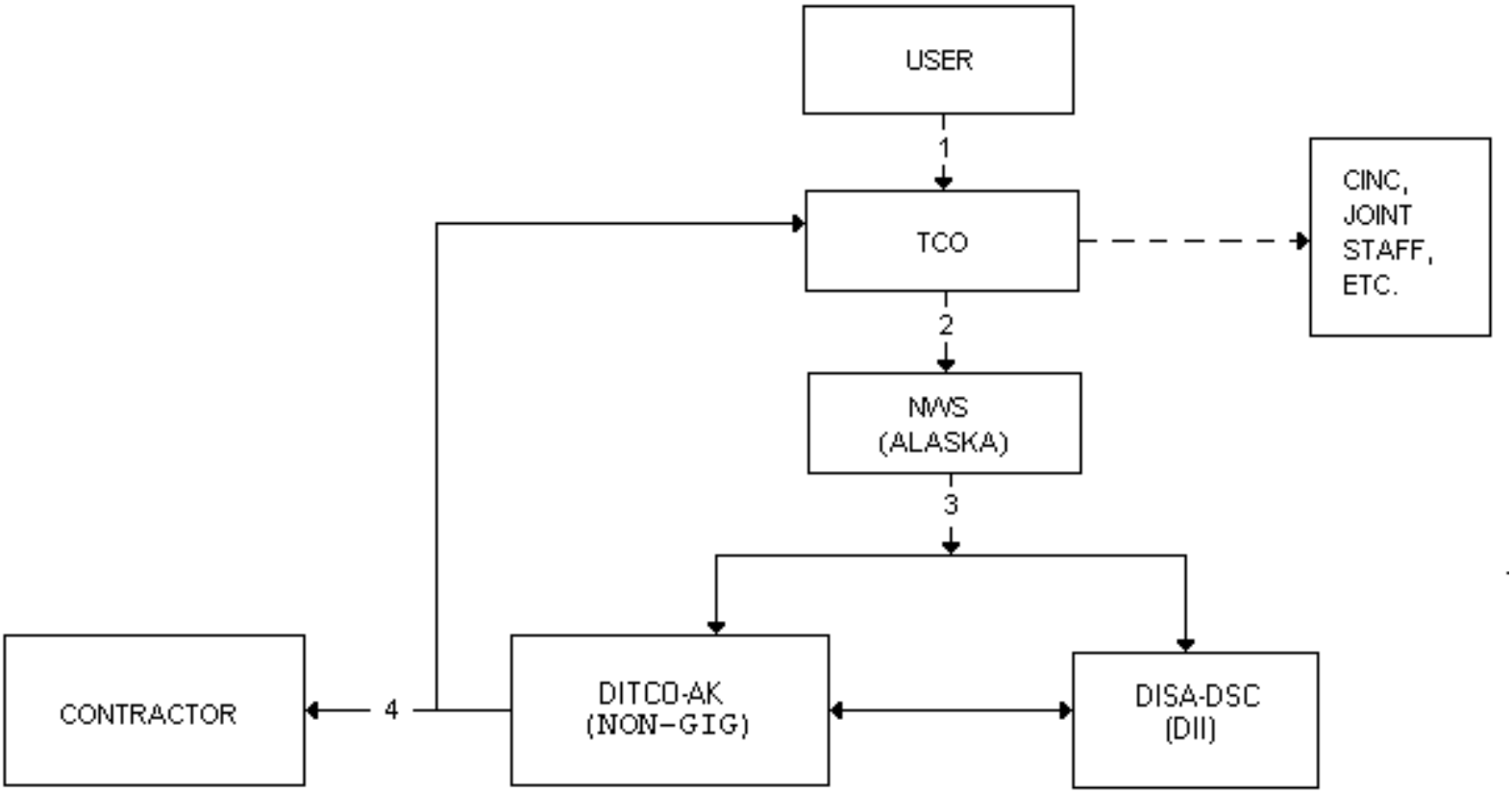
FIGURE F4.19 **FLOW OF REQUIREMENTS FOR NWS WEATHER SERVICE WITHIN ALASKA**



NOTE:

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 C4.4.) 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 DITCO-Scott/RITSR).

3. NWS-Alaska authorizes the interface and forwards the TSR to DISA-DSC for DOD agencies or to DITCO-Alaska, as applicable. DISA-DSC assigns CCSD before the TSO is sent to DITCO-Alaska.

4. DITCO-Alaska issues an order to the contractor with information copies addressed to DISA-DSC and the TCO, as applicable.

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TABLE T1.1 ***TELECOMMUNICATIONS CERTIFICATION OFFICES***

Organizational Account	Designated TCO	Code
Global Authority		
26TH Air Division	DISA DSC-SCOTT	CI
Advanced Research Projects Agency	DISA-NCR	AO
Air Force Operational Test and Evaluation Center	AFOTEC (SC)	ES
All AF Inter Pacific Theater Alaska/CONUS requirements Only	DISA DSC-SCOTT	BI
Army European Telephone System (ETS)	DISA DSC-SCOTT	EA
Ballistic Missile Defense Organization	BMDO	SI
Canadian DOT Requirements in DIIGIG Facilities	CFCC	FJ
Canadian Forces - Information Management Group	CFCC	FA
CDR Maint. & Logistics CMD Atlantic	MLCLANT	CL
CDR Maint. & Logistics CMD Pacific	MLCPAC	CX
Coast Guard	COMDT COGARD	CC
Commander-In-Chief Atlantic U.S. Joint Forces Command	CINCLANT CINCUSJFCOM	SM
Commander-In-Chief Pacific	USCINCPAC	SD
Comptroller of the Currency	CC	CE
Defense Civilian Personnel Management Service	DCPMS	CP
Defense Commissary Agency (DeCA)	DeCA	CK
Defense Contract Audit Agency	DISA-NCR-NCR	XG
Defense Enterprise Computing Center (DECC) Dedicated	DISA DSC-SCOTT	RC
Defense Enterprise Computing Centers (DECC) Frame Relay	DISA DSC-SCOTT	RZ
Defense Enterprise Computing Center (DECC) FTS2001 Switched Service	DISA DSC-SCOTT	DX
Defense Enterprise Computing Center (DECC) Video	DISA DSC-SCOTT	DV
Defense Finance and Accounting Service (DFAS)	DISA DSC-SCOTT	AD
Defense Information Technology Center-Far East (DITC-FE)	**DISA DSC-SCOTTDITC-FE**	*IT*
Defense Information Technology Contracting Organization (DITCO)	DISA DSC-SCOTT	DH
Defense Intelligence Agency	DIA (RCM-4)	DI
Defense Investigative Service (DIS)	DIS	DT

Defense Message System Transition Hub (DTH)	DISA-NCR	DB
Defense Printing Service	DISA DSC-SCOTT	PS
Defense Technical Information Center	DISA-NCR	DJ
Defense Telephone Service	DFTS	DG
Defense Threat Reduction Agency	DTRA	DD
Department of Commerce-ESSA	ESSA	GD
Department of Commerce-Weather Bureau	WB	GM
Department of Defense Manned Space Flight Support Office	DODMS	DE
Department of Energy	DOE	GG
Department of Health and Human Services	HHS	GS
Department of Justice	DOJ	GT
Department of State	DOS	GE
Department of Treasury	Dept of Treas	GU
Department of Treasury-Internal Revenue Service	IRS	GB
Department of Treasury-U.S. Customs Service	USCS	GY
Department of Treasury-U.S. Secret Service	USSS	TS
DFAS-Pacific	DFAS-Pacific	CH
Diplomatic Telecommunications Service	DTS	LL
DISA ATM Backbone (CONUS and Caribbean)	DISA-NCR	RM
DISA DISN Backbone (IDNX)	DISA-NCR	RG
DISA DISN Bandwidth Manager Backbone and Equipment	DISA-NCR	RH
DISA (DISN IP Router Network Backbone & Backbone Hosts) (CONUS and OCONUS)	DISA-NCR	RU
DISA-DSC/NCR (MUX MGMT and DII O/W)	DISA-DSC/NCR	XW
DISA Europe	DISA-NCR	DP
DISA Europe (MUX Management and ATM Backbone EUR)	DISA Europe	XE
DISA Europe Router Service	DISA Europe	DW
DISA (Misc DISA HQ requirements not reflected elsewhere in this table)	DISA-NCR	DA
DISA (MUX MGMT and DIIGIG O/W)	DISA-NCR	XH
DISA-NCR and A&E	DISA-NCR	DC
DISA-PAC	DISA-NCR	DQ
DISN-C VTC Equipment and Transmission	DISA-NCR	RA
DISN Service Center	DISA DSC-SCOTT	ED
DITCO/DT3 DEDICATED SERVICE	DISA DSC-SCOTT	EB

DITCO/DT3 SWITCHED SERVICE	DISA DSC-SCOTT	EC
DLA (Reserved)	DISA DSC-SCOTT	DF
DLA DISN/DCN Support	DISA DSC-SCOTT	LA
DLA DTH NIPRNET/SIPRNET/Other Data	DISA DSC-SCOTT	LD
DLA FTS200*0*FTS200*1*, Other Voice	DISA DSC-SCOTT	LC
DLA ISVS & ID3	DISA DSC-SCOTT	LT
DOD Dependent Schools CONUS	DISA DSC-SCOTT	DS
DOD Support	DISA DSC-SCOTT	MF
DRSN/Secure Voice	DSA-NCR	RS
DSN Miscellaneous Trunking	DISA DSC-SCOTT	SR
DSN Overseas Backbone (Including CONUS-OVERSEAS)	DISA DSC-SCOTT	DL
DSN WESTHEM Trunking	DISA (NS53/DSC)	SV
Emergency Communications American Red Cross	American Red Cross	KA
Enhanced Mobile Satellite System (EMSS) - Air Force	DISA DSC-SCOTT	EL
Enhanced Mobile Satellite System (EMSS) - Army	DISA DSC-SCOTT	EJ
Enhanced Mobile Satellite System (EMSS) - DISA	DISA DSC-SCOTT	EI
Enhanced Mobile Satellite System (EMSS) - Navy/Marine Corps	DISA DSC-SCOTT	EK
Enhanced Mobile Satellite System (EMSS)-Other services not listed	DISA DSC-SCOTT	EM
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 HQ Emergency Operations Office	FAA	FO
FAA HQ In-Service Engineering Service	FAA	FS
FAA HQ Interfacility Projects Office	FAA	FP
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-Pacific Region	FAA	FI

Federal Emergency Management Agency	FEMA	GP
FTS2001 Transition	DISA DSC-SCOTT	FT
FTS2001 Transition (FTS2000 Disconnects)	DISA DSC-SCOTT	FW
General Services Administration	GSA	GJ
Headquarters Defense Threat Reduction Agency	DTRA	EX
Information System Procurement Office	ISPO	PO
INMARSAT-OTHER	DISA DSC-SCOTT	WH
Inspector General Department of Defense	IG DOD	IG
Joint Advanced Distributed Simulation, Joint Test Force	JADS JTF	JB
Joint Chief of Staff	DISA-NCR	JS
Joint Special Operations Command Requirements	JSOC	SK
Joint Warfare Analysis Center	JWAC (J6C)	JW
Manager National Communications System	NCS-PP	PP
Misc NIPRNET/SIPRNET SERVICE	DISA DSC-SCOTT	XB
National Aeronautics and Space Administration	NASA	GN
National Imagery and Mapping Agency	NIMA	DZ
National Oceanic and Atmospheric Administration (NOAA)	NESDID	VJ
National Security Agency	NSA	DN
Navy (Reserved)	DISA DSC-SCOTT	NP
NCS	NCS	ZC
Office of Civilian Health & Medical Program of the Uniformed Services	OCHAMPUS	DY
Office of Information for the Armed Forces	IAF	GC
Office of Secretary of Defense	OSD (DISA-NCR)	DM
OSD (HA) (DEERS)	DISA DSC-SCOTT	DR
Reserved for DISA DSC	DISA DSC-SCOTT	YC
Reserved for DISA DSC Internal Accounting	DISA DSC-SCOTT	YA
Reserved For DISA-NCR (Engineering Change)	DISA-NCR	YE
Reserved for DISA-NCR (Internal Accounting)	DISA-NCR	YD
Reserved for National Communications System (NCS)	NCS	ZZ
SACLANT (Administrative and Accounting Purposes only)	SACLANT	SN
Satellite Management	DISA-NCR	DK
Social Security Administration	SSA	GO
Technical Research Institute	TRI	TR
USCENTAF	DISA DSC-SCOTT	AQ

U.S. Information Agency	USIA	GF
U.S. Special OPS Command	USCINCSOC	SJ
WEB Order Entry	DISA DSC-SCOTT	WO
WHCA Travel	WHCA	WT
White House Communications Agency	WHCA	DO

DSC is authorized to release (NS53/DSC) TSRs directly to Allocation and Engineering (A&E) for MILDEPs/agencies for which they have TCO responsibility, using TSR numbers 0001 through 8999. DISA NS313, will retain the 9000 block of numbers to support other CONUS DISN users (i.e. FAA, DeCa, etc.)

Air Force

1st Air Force (1AF)	DISA DSC-SCOTT	CB
Air Combat Command	DISA DSC-SCOTT	AZ
Air Combat Command (ACC) FTS2001 SVS	DISA DSC-SCOTT	AA
Air Force Communications (Other)	DISA DSC-SCOTT	AM
Air Force DSN	DISA DSC-SCOTT	AB
Air Force DTH	DISA DSC-SCOTT	AC
Air Force Frame Relay	DISA DSC-SCOTT	AL
Air Force ID3	DISA DSC-SCOTT	AT
Air Force INMARSAT	DISA DSC-SCOTT	AK
Air Force International Switched Voice Service	DISA DSC-SCOTT	AI
Air Force Long Distance Service	DISA DSC-SCOTT	AJ
Air Force Material Command	DISA DSC-SCOTT	AY
Air Force Military Personnel Center (AFMPC)	DISA DSC-SCOTT	AP
Air Force Network Infrastructure Service Agency-Pentagon (NISA-P)	DISA DSC-SCOTT	JA
Air Force NIPRNET/SIPRNET Service (For CONUS Intertheater and *DII GIG*Area 9)	DISA DSC-SCOTT	AE
Air Force NSA Support	DISA DSC-SCOTT	BM
Air Force Red Switch Network	DISA DSC-SCOTT	AG
Air Force Reserve	DISA DSC-SCOTT	AU
Air Force VTC	DISA DSC-SCOTT	CV
Air Mobility Command	DISA DSC-SCOTT	AV
Air National Guard	DISA DSC-SCOTT	AS
Air Training Command	DISA DSC-SCOTT	AN
DIA Support	DISA DSC-SCOTT	BN
SPACE Command (NTAS)	DISA DSC-SCOTT	CA
USCENTCOM (USAF Funds)	DISA DSC-SCOTT	AW
USCINCSOC (USAF Funds)	DISA DSC-SCOTT	AX

USTRANSCOM (USAF Funds)	DISA DSC-SCOTT	TC
Weather	DISA DSC-SCOTT	BC

Army

Army DSN	DISA DSC-SCOTT	VA
Army DTH	DISA DSC-SCOTT	UA
Army Europe	DISA DSC-SCOTT	WE
Army Frame Relay	DISA DSC-SCOTT	WR
Army FTS2001 Switched Voice Service	DISA DSC-SCOTT	WF
Army ID3	DISA DSC-SCOTT	UC
Army INMARSAT	DISA DSC-SCOTT	WI
Army - Network Infrastructure Service Agency-Pentagon (NISA-P)	DISA-NCR	WB
Army NIPRNET/SIPRNET Service	DISA DSC-SCOTT	XA
Army OTS	DISA DSC-SCOTT	HA
Army Pacific	DISA DSC-SCOTT	WP
Army Southwest Asia	DISA DSC-SCOTT	WS
Army Special Networks	DISA DSC-SCOTT	WA
Army VTC	DISA DSC-SCOTT	WV
Army WATS Equivalent Service	DISA DSC-SCOTT	WW

Navy

International Long Distance Service	DISA DSC-SCOTT	NT
ISPO Washington DC	DISA DSC-SCOTT	NQ
Marine Corps (Dedicated)	DISA DSC-SCOTT	NZ
Navy and Marine Corps INMARSAT	DISA DSC-SCOTT	NX
Navy COMNISCOM (NIS) Support	DISA DSC-SCOTT	NW
Navy CONUS Bulk Modem	DISA DSC-SCOTT	NM
Navy Dedicated	DISA DSC-SCOTT	NA
Navy DIA Support	DISA DSC-SCOTT	NI
Navy DISN CONUS/DSN	DISA DSC-SCOTT	NB
Navy DRSN	DISA DSC-SCOTT	NY
Navy DTH	DISA DSC-SCOTT	NC
Navy Frame Relay	DISA DSC-SCOTT	NF
Navy FTS2001 Service	DISA DSC-SCOTT	NL
Navy (In-Direct DTH)	DISA DSC-SCOTT	NV
Navy International Direct Distance Dialing (ID-3)	DISA DSC-SCOTT	NE
Navy/Marine Corps EPX to End-Office	DISA DSC-SCOTT	NS

Navy NIPRNET/SIPRNET Service	DISA DSC-SCOTT	NK
Navy NSA Support	DISA DSC-SCOTT	NN
Navy (RESERVED)	DISA DSC-SCOTT	NR
Navy (RESERVED)	DISA DSC-SCOTT	NU
Navy VTC	DISA DSC-SCOTT	NG
NMCI Network Transport Logistics Center (NTLC)	DISA DSC-SCOTT	NH

DIIGIG Areas 1 and 2

N.E. Air Defense Sector	DISA DSC-SCOTT	CQ
NORAD Cheyenne Mountain Complex	DISA DSC-SCOTT	CM
NORAD/SPACECOM	DISA DSC-SCOTT	CT
N.W. Air Defense Sector	DISA DSC-SCOTT	CG
S.E. Air Defense Sector	DISA DSC-SCOTT	CO

DIIGIGAreas 3, 4, *and* 5, and 6

All AF Activities	DISA-EUR	BF
DISA Europe (DISN IP Router Network Backbone & Backbone Hosts, Intra-Theater)	DISA-EUR	RW
DISA Europe (DISN Multiplexer Backbone, Intra-Theater)	DISA-EUR	RE
USCINCEUR	USCINCEUR	SC

GIG Area 6 (N/A)

DII GIG Areas 7, 8, and 9

All AF Activities	DISA DSC-SCOTT	BJ
All AF Activities (Excluding DIIGIG Switched Networks) (Intra-Japan, Intra-Korea, Inter-Japan/Korea)	DISA DSC-SCOTT	BG
All Air Force Dedicated and Switched Networks in PAC	DISA DSC-SCOTT	BE
Air Force NIPRNET/SIPRNET Service (Intra-Theater NIPRNET/SIPRNET requirements only)	DISA DSC-SCOTT	BL
DISA-PAC (DISN IP Router Network Backbone & Backbone Hosts, Intra-Theater)	DISA DSC-SCOTT-PAC	RX
DISA-PAC (MUX MGMT and DII GIG O/W)		XP

DISA DSC-SCOTT-PAC

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TABLE T1.2 GIG TECHNICAL SCHEDULES[1]

ITEM NUMBER	DESCRIPTION OF SERVICE	CIRCUIT PARAMETER CODE
Category 1: Voice Switch Service Defense Switched Network (DSN)		
1A	Voice grade access line	C1
1B	Special grade, alternate voice/record access from DSN 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
Secure Voice		
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 DSN 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 DSN.)	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	50 kb/s baseband, over metallic facilities without regenerators.	G3
1S	8 to 16 kb/s secure voice.	C1
1U	Secure voice conference (SCP).	J2
Category 2: Digital Switch Service		
AUTODIN		
2A	75 through 1.2 kb/s access line to switch or to a bridge at a transmission nodal point. (Derived over analog channels.) C1/J1	Q1
2B	2.4 to 9.6 kb/s access line, 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

Category 3: Voice Service

Nonsecure Voice

3A	Nonsecure voice circuit.	C0

Alternate Voice Record

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

Facsimile

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

Carrier Telegraph (VFCT) Systems

3E	VFCT, type 1. Up to 16 telegraph channels.	C2
3F	VFCT, type 2. Up to 26 telegraph channels provided over a voice frequency channel between carrier terminals.	C2

International

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

CONUS

3J	C5 conditioning is available for two-point channels where both customer's premises are located in the CONUS. This conditioning is for the additional control of attenuation distortion and envelope delay distortion. (64 kbps PCM ONLY).	C5

Category 4: Digital Service

General Data

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 4.8 kb/s async service. (Derived over digital channels.)	N1
4F	0 through 64 kb/s digital service. (Derived over digital channels.)	J1
4G	1.544 through 6.176 Mb/s digital service (Derived over digital channels.)	Y1
4H	1.544 Mb/s basic digroup. Time Division Multiplexing using commercial "D Type" PCM terminals. This service is often provided via commercial DS1 or Data Under Voice (DUV) transmission systems. The PCM terminals normally derive 24 telephone-type channels, although lower speed data channels may be substituted for some of the voice channels. The terminals used to derive the service are often dubbed "PCM 24" terminals and may consist of any of the commercial "D Type" banks (D1, D2, D3, D4, etc)[2]	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

Global Command and Control System (GCCS)

4J	Circuits supporting GCCS at rates of 19.2 kb/s to 50 kb/s. Synchronous or isochronous mode.	W1
4K	56/64 kb/s digital circuit supporting GCCS	J3

International

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

Category 5: Package/Digital Systems

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
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 and 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 $\leq$ 1X10-5	S1
5I	Digital satellite radio/multiplex. Bit-error-rate $\leq$ 5X10-6.	S2
5J	Digital satellite radio/multiplex. Bit-error-rate $\leq$ 1X10-6.	S3
5K	Digital satellite radio/multiplex. Bit-error-rate $\leq$ 5X10-7.	S4

5L	**Digital satellite radio/multiplex. Bit-error-rate ≤ 1X10-7.**	**S5**
5M	**JRSC Digital Package (AN/FCC-100 Trunk).**	**J4**
5N	**Digital Package System with Modems 1.2 - 16 kb/s.**	**Q7**
5P	**75 to 4800 b/s JRSC Digital data service (non-conferencing)**	**J5**
5Q	**44.736 Mb/s service using DS-3**	**Y5**
5R	**SONET STS-1 service at 51.84 Mb/s**	**Y6**
5S	**SONET/SDH STS-3C/STM-1 service at 155.52 Mb/s**	**Y7**
5T	**SONET/SDH STS-12C/STM-4 service at 622.08 Mb/s**	**Y8**

Category 6: Optional Service

6A	**This is an optional service that may be specified whenever the circuit is to be terminated with modems employing adaptive equalizers. This service is normally obtained without special equalization equipment being introduced into the circuit.**	**C0**
6B	**This is an optional service that may be specified whenever the circuit is to be terminated with modems employing multilevel modulation techniques that require above average signal-to-noise and linearity characteristics. Provision of this service normally requires special routing of the circuit over "hand-selected" transmission channels.**	**D1**
6C	**This is an optional service that may be specified whenever the circuit is to be terminated with modems employing multilevel modulation techniques which do not provide any compensating adaptive equalization techniques. These are typically older modems which require the highest level of signal-to-noise linearity, and phase characteristics for proper operation over the long-haul channel. Additionally, local access links will require C1 and D1 conditioning in order to support the end-to-end performance. D6 conditioning is available only on 2-point nonswitched services.**	**D6**

Category 7: Special Category

NS	**Not specified. For use where existing technical schedules do not apply, or where new parameter codes have not, as yet, been developed. If "NS" is used, TSR item 429 must reflect specific circuit technical specifications and special conditioning requirements.**	**NS**

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[1] Technical Schedules pertinent to services not mentioned herein will be developed on a case-by-case basis as requests for these services are received by the responsible DISA action agency. When warranted by the degree of usage, an appropriate Technical Schedule for that particular service will be published by DISA.

[2] Refer to Bell System Technical Reference 41451. The rates and service quality standards (e.g., conditioning) for AT&T Tariff FCC Nos. 258 and 267 providing 1.544 Mb/s service are currently 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 DII 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.

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TABLE T2.1 ***DISA GLOBAL NETWORK OPERATIONS CONTROL CENTER COMPLEX LOCATIONS AND POINTS OF CONTACT***

TITLE AND LOCATION	TELEPHONE NUMBERS	
GLOBAL NETWORK OPERATIONS AND SECURITY CENTER (GNOSC)		
	COMMERCIAL	**DSN**
DISA GNOSC 701 S. Courthouse Road Arlington, Virginia 22204-2199 (Contact for inter-DISA Area and Western Hemisphere matters)	**(703) 607-4001**	**327-4001**
REGIONAL NETWORK OPERATIONS AND SECURITY CENTERS (RNOSC)		
RNOSC-Europe Vaihingen, Germany	**0711-680-5244 (local within Germany**	**314-430-5244**
RNOSC-Pacific Wheeler AAF, Hawaii	**(808)656-2777**	**315-456-2777**
RNOSC-Cent Bahrain, Saudi Arabia	***973-743-821***	***318-439-3821***
RNOSC-CONUS Scott AFB, IL	**(618) 229-9000**	**779-9000**

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TABLE T3.1 COMMUNITY OF INTEREST (COI) EUROPE

SERVING DSN 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.

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TABLE T3.2 SUBSCRIBER RATE CODES CONUS DSN SUBSCRIBERS

TYPE OF SERVICE AND PREEMPTION CAPABILITY	MAXIMUM CALLING AREA	CADIN

	AREA	AREA PLUS EUROPE/PACIFIC/CARIB		GLOBAL	AREA
Phone/Data and Send Only PBX	**SR CODE**	**SR CODE**	**SR CODE**	**SR CODE**	**SR CODE**	**SR CODE**
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

CARIBBEAN DSN SUBSCRIBERS

TYPE OF SERVICE AND PREEMPTION CAPABILITY	MAXIMUM CALLING AREA

	LOCAL	AREA	AREA AND CONUS	GLOBAL
Phone/Data and Send Only PBX	**SR CODE**	**SR CODE**	**SR CODE**	**SR CODE**
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**

PACIFIC DSN SUBSCRIBERS

TYPE OF SERVICE AND PREEMPTION CAPABILITY	MAXIMUM CALLING AREA

	LOCAL	AREA	AREA AND CONUS	GLOBAL
Phone/Data and Send Only PBX	**SR CODE**	**SR CODE**	**SR CODE**	**SR CODE**
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**

[1] Weighted units in parentheses.

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TABLE T3.3A **DSN MAXIMUM CALLING AREA INDICATOR CODES FOR EUROPE**

General	Benelux	Germany
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 pre-set conferencing
06 - Theater & CONUS with pre-set conferencing	Europe & CONUS with pre-set conferencing	Europe & CONUS with pre-set conferencing
07 - Theater with pre-set conferencing	Europe with pre-set conferencing	Europe with pre-set conferencing
08 - Area with pre-set conferencing	Benelux with pre-set conferencing	Germany with pre-set conferencing
Greece	**Italy**	**Spain**
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 pre-set conferencing
06 - Europe & CONUS with pre-set conferencing	Europe & CONUS with pre-set conferencing	Europe & CONUS with pre-set conferencing
07 - Europe with pre-set conferencing	Europe with pre-set conferencing	Europe with pre-set conferencing
08 - Greece with pre-set conferencing	Italy with pre-set conferencing	Spain with pre-set conferencing

Turkey	United Kingdom
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 pre-set conferencing	Europe & CONUS with pre-set conferencing
07 - Europe with pre-set conferencing	Europe with pre-set conferencing
08 - Turkey with pre-set conferencing	United Kingdom with pre-set 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 system unlimited by geographical location.**

TABLE T3.3B **DSN MAXIMUM CALLING AREA INDICATOR CODES FOR CONUS**

General	CONUS
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 pre-set conferencing
06B	CONUS plus European Area with pre-set conferencing
06C	CONUS plus Caribbean Area with pre-set conferencing
07	CONUS with pre-set 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 system unlimited by geographical location.

TABLE T3.3C **DSN MAXIMUM CALLING AREA INDICATOR CODES FOR CARIBBEAN**

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

Maximum Calling Area	Description
Local 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 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 system unlimited by geographical location.

TABLE T3.3D **DSN MAXIMUM CALLING AREA INDICATOR CODES FOR PACIFIC**

General	Hawaii	Philippines	Guam
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 pre-set conferencing	Global with pre-set conferencing	Global with pre-set conferencing	Global with pre-set conferencing
06 - Pac and CONUS with pre-set conferencing	Pac and CONUS with pre-set conferencing	Pac and CONUS with pre-set conferencing	Pac and CONUS with pre-set conferencing
07 - Area with pre-set conferencing	Pac with pre-set conferencing	Pac with pre-set conferencing	Pac with pre-set conferencing
08 - Local with pre-set conferencing	Hawaii with pre-set conferencing	Philippines with pre-set conferencing	Guam with pre-set conferencing

Japan/Okinawa	Korea
01 - Global	Global
02 - Pac and CONUS	Pac and CONUS
03 - Pacific	Pacific
04 - Okinawa, Japan	Korea
05 - Global with pre-set conferencing	Global with pre-set conferencing
06 - Pac with pre-set conferencing	Pac and CONUS with pre-set conferencing
07 - Pac with pre-set conferencing	Pac with pre-set conferencing
08 - Okinawa, Japan with pre-set conferencing	Korea with pre-set conferencing

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 system unlimited by geographical location.**

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TABLE T3.4 **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 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 subscriber or user may be completed only on a Priority or lower precedence.

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TABLE T3.5 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

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**

[1]Area Service includes one of the following:

(1) CONUS (excluding Hawaii)

(2) Pacific (including Hawaii)

(3) Europe

[2]Area Plus Service includes one of the following:

(1) CONUS to Europe or Europe to CONUS

(2) CONUS to Pacific or Pacific to CONUS

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TABLE T3.6 CONUS AUTODIN EQUIPMENT DESIGNATOR CODES - CAPABILITIES AND RESTRICTIONS

Language Media Formats (LMFs)

Code	Equipment	Mode	MOP	Format	Output	Rejected Output	Converted on Output From	To
TO	ITA-2 paper tape	All	All	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	All	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 TorC	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)	
CA	Compound terminal cards/ASCII AorC	I	5	JNAP	S,C,H,A,T,E, F,G,N,K,L, Y7W	R,D,B&I	F,G,N,K,L, T (IAW 2nd LMF)	
FT	ITA-2 ACPF paper tape Format	All	All	ACPF	C,A,T,R,F,G,	S,H,E,D, B&I	T,R,A&C	
FA	ASCII paper tape Format	All	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
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)	TorC

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&WA T (IAW 2nd LMF)**	**AorC**

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TABLE T3.7 **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)

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TABLE T4.1 **LEADTIMES FOR SERVICE**[1]

TYPE OF SERVICE	CONUS / ALASKA	CONUS-TO-OVERSEAS[2]	PACIFIC[3]	EUROPE[4]
CALENDAR DAYS	**STARTS / REAWARDS**			
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)v	**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+**
SYSTEMS OR NETWORKS (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**
Leased Interfacility NAS Communication System (LINCS)				
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**	**30+**

NOTES:
1. Leadtimes denote the normal average interval between the receipt of an accurate and complete TSR by a DISA A&E activity or DITCO 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 DITCO-EUR and the appropriate NALLA. To determine total provisioning time to complete action by commercial contractor (PTT), add appropriate PTT leadtime from table T4.2A. In addition to the leadtimes identified in this table see Supplement S12 for a discussion of the specific leadtimes required by DISA activities to process DISN requirements. Additional leadtime may be required if the DISN backbone must be expanded in order to satisfy a specific requirement. The TCO/DPIC should contact the applicable DISA A&E activity to determine the estimated

time required to satisfy such requirements.

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 T4.2B.

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 T4.2A 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.)

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TABLE T4.2A **LEADTIMES FOR EUROPEAN SERVICE**

1. Leadtime requirements (in calendar days) for Voice/Data (9600 and below) circuits - PTT lead times without prior RI:[1]

Country	Internal Circuits		International Circuits		
	START	CEASE	START	CEASE	MOD
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[2]	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

NOTES:
1.1 Leadtimes above are in accordance with ALLA Compendium Vol IIA, Annex A to Chapter 1, dated 22 Jul 92, and national PTT regulations.

1.2 Germany: Modification leadtime is as soon as possible, 30 up to 84 days on a case by case basis.

2. Leadtimes requirements for services other than the above:[1]

Wideband-PCM-30/2 MBPS and above: Germany: 84 Days[2]	Other Countries: Determined on case-by-case basis.
Digital 64KBPS: Germany: 84 Days[2]	Other Countries: Determined on case-by-case basis.
Public Data Network: Germany: 45 Days	Other Countries: Determined on case-by-case basis.

NOTES:
2.1 Leadtimes above are in accordance with precedence set in earlier dealings with PTT.

2.2 Based on the assumption that the PTT has facilities available to the user's premises.

3. Additional Leadtimes:

3.1 The PTT in Italy and Spain are on vacation during the entire month of August; during this time only EMERGENCY requirements will be handled.

3.2 NALLA Germany requires 7 calendar days and other NALLAs 14 calendar days for processing of DITCO-Europe circuit demands to PTTs.

3.3 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.

3.4 DISA-Europe requires 21 calendar days for processing start/rehome/change TSOs and 12 calendar days for disconnect TSOs.

3.5 DITCO-Europe requires 2 calendar days for processing TSOs and preparation of circuit demands to NALLAs.

3.6 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 T4.2B **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

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TABLE T4.3 LEAD-TIMES FOR SERVICE - FTS2001

(See notes 1, 2, 3, 4, and 5)

	TYPE OF ACTION		
TYPE OF SERVICE	START/REAWARD (worksheet)	CHANGE (worksheet)	DISCONTINUE (worksheet)
Circuit Switched Service (CSS)			
Switched Voice Service (SVS)	47	47	28
Circuit Switched Data Service (CSDS)	47	47	28
Toll-free service	47	47	28
900 service	47	47	28
Switched Data Service (SDS)			
Packet Switched Service (PSS)			
Dedicated service (DAF)	77	77	47
Dedicated service at locations with spare T-1 capacity	62	62	47
Dial-up PSS	47	47	47
Frame Relay Service			
With routing service	107	107	47
Without routing service	77	77	47
Dedicated Transmission Service (DTS)			
DDS/DTS	72	72	47
DDS/DTS if both ends have spare T-1 capacity	52	52	47

NOTES:

1. All lead-times denote the normal average interval between the

receipt of an accurate and complete requirement by an authorized provisioning activity and the completion of the action by the vendor or government personnel (i.e., GIG facilities). Lead-times are noted in calendar days.

2. International service orders are based on installation and availability of PTTs and may be different for each country.

3. FTS2001 Circuit Switched Service (CSS) requirements are routed directly to DITCO for processing.

4. The above lead-times have been derived from the worksheets shown in tables T4.3A (start/reaward) and T4.3B (change/discontinue). Interval G timeframes shown in the worksheets are dictated by the GSA FTS2001 contract.

5. In accordance with GSA's contract, the vendor may not be penalized for missed lead-times during the transition period which is due to end 6 Dec 2001.

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TABLE T4.3A LEAD-TIMES FOR SERVICE - FTS2001 SERVICE WORKSHEET FOR STARTS/REAWARDS

	Interval A	Interval B	Interval C	Interval D	Interval E	Interval F	Interval G	Interval H	
TYPE OF SERVICE	DISA Activity Evaluates for CUS/DT (see note 1)	DISA Activity Engineers Circuit for CUS/DT	DISA Activity Issues Order	DITCO Issues Inquiry/ Direct Order	Vendor Issues Quote/ Proposal	DITCO Issues Contract Award	Vendor Implements Segment/ Service (see note 2)	DISA Activity Implements Service	Total Lead-time
Circuit Switched Service CSS)									
Switched Voice Service SVS)	N/A	N/A	N/A	7	N/A	N/A	40	N/A	47
Circuit Switched Data Service CSDS)	N/A	N/A	N/A	7	N/A	N/A	40	N/A	47
Toll-free service	N/A	N/A	N/A	7	N/A	N/A	40	N/A	47
900 service	N/A	N/A	N/A	7	N/A	N/A	40	N/A	47
Switched Data Service (SDS)									
Packet Switched Service PSS)									
Dedicated service (DAF)	N/A	N/A	5	7	N/A	N/A	65	N/A	77
Dedicated Service with spare T-1 apacity	N/A	N/A	5	7	N/A	N/A	50	N/A	62
Dial-up PSS	N/A	N/A	5	7	N/A	N/A	35	N/A	47
Frame Relay Service									
With routing service	N/A	N/A	5	7	N/A	N/A	95	N/A	107
Without routing service	N/A	N/A	5	7	N/A	N/A	65	N/A	77
Dedicated Transmission Service DTS)									

DDS/DTS	*N/A*	*N/A*	*5*	*12*	*N/A*	*N/A*	*55*	*N/A*	*72*
DDS/DTS if both ends have spare (T-1 capacity	*N/A*	*N/A*	*5*	*12*	*N/A*	*N/A*	*35*	*N/A*	*52*

NOTES:
1. CUS stands for Common User System and DT indicates DISN Transport.

2. Interval G timeframes are dictated by the GSA FTS2001 contract. Shown here are the normal intervals.

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TABLE T4.3B LEAD-TIMES FOR SERVICE - FTS2001
SERVICE WORKSHEET FOR CHANGES/DISCONTINUE

CHANGE:

	Interval A	Interval B	Interval C	Interval D	Interval E	Interval F	Interval G	Interval H	
TYPE OF SERVICE	DISA Activity Evaluates for CUS/DT (see note 1)	DISA Activity Engineers Circuit for CUS/DT	DISA Activity Issues Order	DITCO Issues Inquiry/ Direct Order	Vendor Issues Quote/ Proposal	DITCO Issues Contract Award	Vendor Implements Segment/ Service (see note 2)	DISA Activity Implements Service	Total Lead-time
Circuit Switched Service CSS)									
Switched Voice Service SVS)	N/A	N/A	N/A	7	N/A	N/A	40	N/A	47
Circuit Switched Data ervice CSDS)	N/A	N/A	N/A	7	N/A	N/A	40	N/A	47
Toll-free service	N/A	N/A	N/A	7	N/A	N/A	40	N/A	47
900 service	N/A	N/A	N/A	7	N/A	N/A	40	N/A	47
Switched Data Service (SDS)									
Packet Switched Service PSS)									
Dedicated Service (DAF)	N/A	N/A	5	7	N/A	N/A	65	N/A	77
Dedicated Service with spare T-1 apacity	N/A	N/A	5	7	N/A	N/A	50	N/A	62
Dial-up PSS	N/A	N/A	5	7	N/A	N/A	35	N/A	47
Frame Relay Service									
With routing service	N/A	N/A	5	7	N/A	N/A	95	N/A	107
Without routing service	N/A	N/A	5	7	N/A	N/A	65	N/A	77

Dedicated Transmission Service DTS)									
DDS/DTS	*N/A*	*N/A*	*5*	*12*	*N/A*	*N/A*	*55*	*N/A*	*72*
DDS/DTS if both ends have spare -1 capacity	*N/A*	*N/A*	*5*	*12*	*N/A*	*N/A*	*35*	*N/A*	*52*

DISCONTINUE:

	Interval A	*Interval B*	*Interval C*	*Interval D*	*Interval E*	*Interval F*	*Interval G*	*Interval H*	
TYPE OF SERVICE	*DISA Activity Evaluates for CUS/DT (see note 1)*	*DISA Activity Engineers Circuit for CUS/DT*	*DISA Activity Issues Order*	*DITCO Issues Inquiry/ Direct Order*	*Vendor Issues Quote/ Proposal*	*DITCO Issues Contract Award*	*Vendor Implements Segment/ Service (see note 2)*	*DISA Activity Implements Service*	*Total Lead-time*
Circuit Switched Service CSS)	*N/A*	*N/A*	*N/A*	*7*	*N/A*	*N/A*	*21*	*N/A*	*28*
Switched Data Service (SDS)	*N/A*	*N/A*	*5*	*7*	*N/A*	*N/A*	*35*	*N/A*	*47*
Dedicated Transmission Service DTS)	*N/A*	*N/A*	*5*	*7*	*N/A*	*N/A*	*35*	*N/A*	*47*

NOTES:

1. CUS stands for Common User System and DT indicates DISN Transport.

2. Interval G timeframes are dictated by the GSA FTS2001 contract. Shown here are the normal intervals.

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TABLE T4.4 LEAD-TIMES FOR SERVICE - EMSS/INMARSAT/ID3

(See notes 1, 2, 3, and 4)

	TYPE OF ACTION		
TYPE OF SERVICE	**START (worksheet)**	**CHANGE (worksheet)**	**DISCONTINUE (worksheet)**
EMSS (see note 5)			
Routine	**40**	**40**	**30**
Priority	**13**	**13**	**N/A**
INMARSAT Services (circuit)			
Standard A, B, C, and M	**55**	**55**	**30**
AERO	**76**	**55**	**30**
Mini M	**76**	**55**	**30**
Base to Mobile	**76**	**55**	**30**
INMARSAT Services (equipment) (see notes 5 & 6)			
Standard A, B, and M	**55**	**55**	**30**
AERO	**100**	**100**	**30**
ID3 Services (see note 6)			
Switched Access	**40**	**40**	**30**
Dedicated Access	**61**	**61**	**30**
Video Transmission Service (compressed)	**61**	**61**	**30**
Calling Card	**28**	**28**	**30**

NOTES:

1. All lead-times denote the normal average interval between the receipt of an accurate and complete requirement by an authorized provisioning activity and the completion of the action by the vendor or government personnel. Lead-times are noted in calendar days.

2. Overtime and expediting costs must be authorized for all

requirements received by the DISA action agency which contain less than the normal average interval lead-time for service. Authorizing overtime and expediting costs provides no guarantee an earlier service date can be met. Vendors are not bound to honor requests for expedites even if overtime is authorized. All expedited requirements must include the following statement in the justification of service requested field of the TSR, "This is an expedite requirement because (include a short justification). The need to expedite this requirement is certified by (insert name, rank, position, and phone number of certifying official)."

3. In cases where the customer desires an earlier service date than specified in the normal interval but does not want to authorize overtime and expediting costs, he/she can specify in the remarks of the request that "the customer desires and will accept an earlier service date." If a "no earlier than date" is desired, state that in the request as well. The DISA action agency will not expedite the requirement; however, if an earlier service date can be achieved, the service will be provided on or as close to the desired date as possible. The DISA action agency will note the earlier date in the order or other form of notification (i.e., Status of Acquisition Message, e-mail, etc.) to the customer.

4. The above lead-times have been derived from the worksheets shown in tables T4.4A (start) and T4.4B (change/discontinue).

5. Lead-times are to the port of embarkation only. Shipping time from port of embarkation to the customer are dependent on the APO/FPO system.

6. This service does not require a DISA order to be issued. The service request will be sent directly to the DITCO activity for procurement of service (i.e., equipment only, etc.). The exception would be if circuit and equipment were being requested on the same service request and the circuit action required a DISA order to be issued.

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TABLE T4.4A LEADTIMES FOR EMSS/INMARSAT/ID3 SERVICE WORKSHEET FOR STARTS

	Interval A	Interval B	Interval C	Interval D	Interval E	Interval F	Interval G	Interval H	
TYPE OF SERVICE	DISA Activity Evaluates for CUS/DT (see note)	DISA Activity Engineers Circuit for CUS/DT	DISA Activity Issues Order	DITCO Issues Inquiry/ Direct Order	Vendor Issues Quote/ Proposal	DITCO Issues Contract Award	Vendor Implements Segment/ Service	DISA Activity Implements Service	Total Lead-time
EMSS									
Routine	N/A	N/A	5	5	N/A	N/A	30	N/A	40
Priority	N/A	N/A	1	1	N/A	N/A	11	N/A	13
INMARSAT Services									
Circuit									
Standard A, B, C, and M	N/A	N/A	5	5	N/A	N/A	45	N/A	55
AERO	N/A	N/A	5	5	14	7	45	N/A	76
Mini M	N/A	N/A	5	5	14	7	45	N/A	76
Base to Mobile	N/A	N/A	5	5	14	7	45	N/A	76
Equipment									
Standard A, B, C, and M	N/A	N/A	5	5	N/A	N/A	45	N/A	55
AERO	N/A	N/A	5	5	N/A	N/A	90	N/A	100
ID3 Services									
Switched Access	N/A	N/A	N/A	5	14	N/A	21	N/A	40
Dedicated Access	N/A	N/A	N/A	5	14	N/A	42	N/A	61
Video Transmission Service compressed)	N/A	N/A	N/A	5	14	N/A	42	N/A	61
Calling Card	N/A	N/A	N/A	5	14	N/A	9	N/A	28

NOTE: CUS stands for Common User System and DT indicates DISN Transport.

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TABLE T4.4B LEADTIMES FOR EMSS/INMARSAT/ID3 SERVICE WORKSHEET FOR CHANGES/DISCONTINUE

CHANGE:

	Interval A	Interval B	Interval C	Interval D	Interval E	Interval F	Interval G	Interval H	
TYPE OF SERVICE	DISA Activity Evaluates for CUS/DT (see note)	DISA Activity Engineers Circuit for CUS/DT	DISA Activity Issues Order	DITCO Issues Inquiry/ Direct Order	Vendor Issues Quote/ Proposal	DITCO Issues Contract Award	Vendor Implements Segment/ Service	DISA Activity Implements Service	Total Lead-time
EMSS									
Routine	N/A	N/A	5	5	N/A	N/A	30	N/A	40
Priority	N/A	N/A	1	1	N/A	N/A	11	N/A	13
INMARSAT Services									
Circuit									
Standard A, B, C, and M	N/A	N/A	5	5	N/A	N/A	45	N/A	55
AERO	N/A	N/A	5	5	N/A	N/A	45	N/A	55
Mini M	N/A	N/A	5	5	N/A	N/A	45	N/A	55
Base to Mobile	N/A	N/A	5	5	N/A	N/A	45	N/A	55
Equipment									
Standard A, B, C, and M	N/A	N/A	5	5	N/A	N/A	45	N/A	55
AERO	N/A	N/A	5	5	N/A	N/A	90	N/A	100
ID3 Services									
Switched Access	N/A	N/A	N/A	5	14	N/A	21	N/A	40
Dedicated Access	N/A	N/A	N/A	5	14	N/A	42	N/A	61
Video Transmission Service compressed)	N/A	N/A	N/A	5	14	N/A	42	N/A	61
Calling Card	N/A	N/A	N/A	5	14	N/A	9	N/A	28

DISCONTINUE:

	Interval A	Interval B	Interval C	Interval D	Interval E	Interval F	Interval G	Interval H	

TYPE OF SERVICE	DISA Activity Evaluates for CUS/DT (see note)	DISA Activity Engineers Circuit for CUS/DT	DISA Activity Issues Order	DITCO Issues Inquiry/ Direct Order	Vendor Issues Quote/ Proposal	DITCO Issues Contract Award	Vendor Implements Segment/ Service	DISA Activity Implements Service	Total Lead-time
EMSS; INMARSAT; ID3	N/A	N/A	5	5	N/A	N/A	20	N/A	30

NOTE: CUS stands for Common User System and DT indicates DISN Transport.

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