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ACCESS SERVICE

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12. Special Federal Government Services12.1 General

This section covers Special Access Services that are provided to a Customer for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government, including state or local emergency operations centers. These services provide for command and control communications, including communications for national security, emergency preparedness and presidential requirements. They are required to assure continuity of Government in emergency and crisis situations and to provide for national security.

Services for command and control communications and for national security and emergency preparedness sometimes require short notice and short duration service provisions. These provisions are especially needed to meet presidential requirements or in response to natural, man-made, or declared emergencies. Requirements of this type cannot be forecasted and are usually needed for a relatively short period. The provision of service under these conditions may require the availability of facilities, such as portable microwave equipment, which are provided on a temporary basis by the Telephone Company or Customer.

12.2 Emergency Conditions

These services will be provided on the date requested or as soon as possible thereafter when the emergency falls into one of the following categories:

- State of crisis declared by the National Command Authorities. (Includes commitments made to the National Communications System in the "National Plan for Emergencies and Major Disasters").
- Efforts to protect endangered U.S. personnel or property both in the U.S. and abroad. (Includes space vehicle recovery and protection efforts).
- Communications requirements resulting from hostile action, a major disaster or major civil disturbance.
- The director (Cabinet level) of a Federal department, Commander of a Unified/Specified Command, or head of a Military department has certified that a communications requirement is so critical to the protection of life and property or to the National Defense that it must be processed immediately.
- Political unrest in foreign countries which affect the national interest.
- Presidential service.

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**ACCESS SERVICE**

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**12. Special Federal Government Services (Cont'd)****12.3 Intervals to Provide Service**

Services provided under the provisions of this section are provided on an individual case basis.

**12.4 Availability of Facilities**

In order to insure communications during periods of emergency, the Telephone Company will (within the limits of good management) make available the necessary facilities to restore service in the event of damage or to provide temporary emergency service.

In order to meet the requirements of agencies or branches of the Federal Government, the Telephone Company may utilize government-owned facilities, when necessary to provide service.

**12.5 Federal Government Regulations**

In accordance with Federal Government Regulations, all service provided directly to the Federal Government will be billed in arrears. This provision does not apply to other Customers that obtain services under the provisions of this tariff to provide service to the Federal Government.

**12.6 Service Offerings to the Federal Government**

The following unique services are provided to a Customer for use only by agencies or branches of the Federal Government, authorized users and state emergency operation centers. The rates and charges for these services shall be developed on an individual case basis and shall be consistent with the rates and charges for services offered in other sections of this tariff.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.1 Type and Description(A) Voice Grade Special Access Services(1) Voice Grade Secure Communications Type I

The approximate bandwidth of this type of service is 10-50,000 Hz. It is furnished for two-point secure communications on two-wire or four-wire metallic facilities between Customer designated premises. Services are conditioned as follows:

T-3 Conditioning - The absolute loss (referenced to 1 milliwatt) with respect to frequency shall not exceed:

15 dB	at	10 Hz
13 dB	at	100 Hz
9 dB	at	1,000 Hz
20 dB	at	10,000 Hz
30 dB	at	50,000 Hz

Additional conditioning is available (in one or two directions on four-wire facilities only) to provide the following characteristics:

The absolute loss (referenced to one milliwatt) with respect to frequency shall not exceed:

0 dB	at	1,000 Hz
± 1 dB	between	1,000 Hz and 40,000 Hz
± 2 dB	between	10 Hz and 50,000 Hz
(+ means more loss)		

The net loss of the conditioned service (with or without additional conditioning) shall not vary by more than four dB at 1,000 Hz from the levels specified above. Voice frequency signaling or supervisory tones can be transmitted.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.1 Type and Description (Cont'd)(A) Voice Grade Special Access Services (Cont'd)(2) Voice Grade Secure Communications Type II

The approximate bandwidth of this type of service is 10-50,000 Hz. It is furnished on four-wire metallic facilities for duplex operation for two-point secure communication between Customer designated premises and an End User's premises. Services are conditioned as follows:

G-1 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same as Voice Grade Secure Communications Type I services without additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

(3) Voice Grade Secure Communications Type III

The approximate bandwidth of this type of service is 10-50,000 Hz. It is furnished on four-wire metallic facilities for duplex operation for two-point secure communication between Customer designated premises. Services are conditioned as follows:

G-2 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same in both directions of transmission as Voice Grade Secure Communications Type I services with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.1 Type and Description (Cont'd)(A) Voice Grade Special Access Services (Cont'd)(4) Voice Grade Secure Communications Type IV

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communications between two Customer designated premises switches. Services are conditioned as follows:

G-3 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same in both directions of transmission as Voice Grade Secure Communications Type I services with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.1 Type and Description (Cont'd)(B) Wideband Digital Special Access Service

Service arrangements for secured communications to accommodate the transmission of binary digital baseband signals in a random polar format include the following:

(1) Wideband Secure Communications Type I

For transmission at the rate of 18,750 bits per second.

(2) Wideband Secure Communications Type II

For transmission at the rate of 50,000 bits per second.

(3) Wideband Secure Communications Type III

To accommodate the transmission of restored polar two-level facsimile signals with a minimum signal element width of twenty microseconds at a rate of 50,000 bits per second.

To accommodate the transmission of binary digital baseband signals in a random polar format at the rate of 50,000 bits per second.

(C) Special Routing Access Service

Special Routing Access Service is furnished only to AT&T for an agency or branch of the Federal Government. This service provides the Customer's end users the ability to originate and terminate calls to or from the Customer's premises utilizing a Special Routing Plan.

This service is an optional service which operates in conjunction with Trunk Side Premium Access Service furnished to AT&T under other provisions of this tariff.

Rates and Charges for Special Routing Access Service will be provided on an individual case basis.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.1 Type and Description (Cont'd)(D) Government Emergency Telecommunications Service (GETS)

## (1) General Description

Government Emergency Telecommunications Service (GETS) provides authorized federal government end users with a nationwide security and emergency preparedness (NS/EP) switched voice and data communications service utilizing the public switched telephone network (PSTN), through the activation of a special code(s) in the Telephone Company's end office and tandem office switching systems, as requested by the Federal Government or its authorized agent. This service provides enhanced call routing and processing to authorized end users of the federal government with enhanced call completion during natural and man made disasters, using the survivable PSTN resources, and the reserved 710 Numbering Plan Area (NPA) code. Calls will use High Probability of Completion (HPC). GETS facilities are designed to be used only for authorized government emergency telecommunications and for testing of the federal government emergency telecommunications systems. GETS facilities may not be used for non-GETS services or by unauthorized end users.

GETS operates in conjunction with Switched Access Services provided under other provisions of this tariff. GETS charges will have a PIU of 100%. The credit allowance for interruption for GETS features is the same as for the Access Service with which it is associated as set for in General Regulations section

## (2) GETS Equipped End Offices and Access Tandems

GETS equipped end offices and access tandems of the Telephone Company are as follows:

Nortel DMS100 - End Office  
Nortel DMS500 - End Office

## (3) Ordering of GETS Services

GETS services must be ordered by Common Language Location Identifier (CLLI) code for each end office or access tandem.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.1 Type and Description (Cont'd)(D) Government Emergency Telecommunications Service (GETS) (Cont'd)

## (4) Concurring Carriers

A list of companies that concur in this tariff can be found in the section titled "Concurring Carriers".

(5) Application of Rates and Charges for the Replacement and Addition of Switches

The application of rate and charges for the replacement and addition of switches (end offices or access tandems) will be as follows:

(a) This tariff does not contemplate the following and will require a new Request For Pricing (RFP) proposal from the Federal Government:

(i) The addition or replacement of GETS equipped or non-GETS equipped switches with GETS equipped switches shipped after 12/31/00.

(2) The addition or replacement of GETS equipped switches with non-GETS equipped switched.

(b) The addition or replacement of a GETS equipped or non-GETS equipped switch with a GETS equipped switch, which is shipped prior to 12/31/00, will be subject to non-recurring charges for activation of GETS HPC as set forth in Rates and Charges for GETS HPC Features. Monthly Rates would also be applicable.



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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.1 Type and Description (Cont'd)(D) Government Emergency Telecommunications Service (GETS) (Cont'd)(6) GETS Features(a) High Probability of Completion (HPC)

High Probability of Completion is a set of enhanced features, available for GETS in suitably equipped offices, which improves the probability of the completion of GETS traffic via the PSTN during times of national emergencies or disaster, when the PSTN is congested due to heavy traffic or damage to the network. HPC provides the capability to set a special indicator, based on a specific 3, 6, or 12 digit dialed number string, specified by the federal government, that is carried through the network via SS7 signaling and will indicate that the call is a GETS call. Typically the digit string of 710 will be used to set the HPC indicator.

The HPC feature set also provides the capability to queue calls marked with the HPC indicator on out going trunk groups and to exempt them from certain restrictive Network Management Controls.

Rates for HPC are set forth in Section 15 following.

(7) GETS Reports

Monthly reports available with GETS:

GETS AMA Data Report - The GETS AMA Data Report provides the call data when the called party is the GETS designated number.

GETS Operational Measurements (OMS) Report - The GETS OMS Report provides the detail associated with GETS HPC usage. The GETS OMS Report provides data based on Bellcore specifications (GR-CORE-2391 HPC requirements).

Rates for GETS Reports are set forth in Section 15 following.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.2 Rate Regulations(A) Mileage Application

Mileage for rate application is the airline distance measured between the service terminating points.

(B) Voice Grade Special Access Service

The provision of T-3 and G-Conditioned services contemplates station and tandem switching operations, using Customer provided equipment, as well as Special Access Service. Separate Narrowband or Voice Grade Services, where required by the Customer provided equipment or switching operation, are furnished in accordance with the applicable sections of this tariff.

(C) Move Charges

When a service requiring T-3 Conditioning, T-3 additional Conditioning or a service requiring G Conditioning as described in Section 12.6.1(A) is moved to a different building or to a new location in the same building, the nonrecurring charge applies.

When any service, for which a termination charge is specified, is moved and is installed at a new location, the Customer may elect:

- (1) to pay the unexpired portion of the termination charge for the service, if any, with the application of a nonrecurring charge and the establishment of a new termination charge for such service at the new location, or
- (2) to continue service subject to the unexpired portion of the termination charge, if any, and pay the estimated costs of moving such service, provided that the Customer requests these charges be quoted prior to ordering the service move. Charges for moving such service will be based on estimated costs attributable to the move.

Move charges include the estimated costs of removal, restoration of services or facilities necessitated by the move, transportation, storage, reinstallation, engineering, labor, supervision, materials, administration, taxes and any other specific items of cost directly attributable to the move.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.2 Rate Regulations (Cont'd)(D) Special Assembly Packages(1) Federal Aviation Administration - Air Route Traffic Control Center (ARTCC), Farmington, MN - Analog System(a) General Description of Facilities

This package is provided to the Farmington ARTCC for the coordination and control of aircraft in flight. The facilities involve the radio system between Farmington and Minneapolis, Minnesota. The Telephone Company provides the portion of the analog radio system, including tower, carrier and terminating equipment, which is at Farmington.

(b) Special Assembly Package - ARTCC

Rates for Special Assemble Package - ARTCC are set forth in Section 15 following.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.2 Rate Regulations (Cont'd)(D) Special Assembly Packages (Cont'd)(2) Federal Aviation Administration - Air Route Traffic Control Center (ARTCC), Farmington, MN; LINCS Project(a) General Description of Facilities

These facilities are provided to the Farmington ARTCC for the coordination and control of aircraft in flight. This special assembly package provides a network of two physically diverse routes, including physical diversity into the Farmington ARTCC. Both routes will be provided by optical fiber facilities from the Farmington ARTCC to points of interconnection with U S West.

Route A is defined as a fiber optical facility exiting the east side of the Farmington ARTCC to the Farmington wire center to the Rosemount wire center to a meet point with U S West at the Rosemount/Eagan exchange boundary. Route A will consist of two (2) DS-3's.

Route B is defined as a fiber optical facility exiting the north side of the Farmington ARTCC to the Lakeville wire center to the Apple Valley wire center to the South Burnsville wire center to a meet point with U S West at the South Burnsville/North Burnsville exchange boundary. Route B will provide one (1) DS-3.

The special assembly package includes provision of fiber optic termination equipment and four hour power backup at the Farmington ARTCC.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.2 Rate Regulations (Cont'd)(D) Special Assembly Packages (Cont'd)(2) Federal Aviation Administration - Air Route Traffic Control Center (ARTCC), Farmington, MN; LINCS Project(b) Additional DS3 Service - Route A

This service provides for one additional DS3 on diverse Route A as Route A is defined in 12.6.2(D)(2)(a), above.

This additional DS3 is provided to the Farmington ARTCC for coordination and control of aircraft in flight. This DS3 is not multiplexed. This additional DS3 is provided for a minimum initial period of sixty (60) months and is subject to the following termination charges if service is discontinued prior to the 60th month from establishment of service.

Termination charges equal to the monthly rate times the number of remaining months towards the sixty (60) month commitment will apply for early termination.

(c) Additional DS3 Service - Route B

This service provides for one additional DS3 on diverse Route B as Route B as defined in 12.6.2(D)(2)(a), above.

This additional DS3 is provided to the Farmington ARTCC for coordination and control of aircraft in flight. DS3 to DS1 multiplexing is provided at the Farmington ARTCC for this additional DS3.

(d) Special Assembly Package - ARTCC/LINCS

Rates for Special Assembly Package - ARTCC/LINCS are set forth in Section 15 following.

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ACCESS SERVICE

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12. Special Federal Government Services (Cont'd)12.6 Service Offerings to the Federal Government (Cont'd)12.6.2 Rate Regulations (Cont'd)(D) Special Assembly Packages (Cont'd)(3) Federal Aviation Administration - Automated Flight Service Station (AFSS), Ft. Dodge, IA; LINCS Project(a) General Description of Facilities

These facilities are provided to the Ft. Dodge AFSS for coordination and control of aircraft in flight. This special assembly package provides a network of two physically diverse routes, including physical diversity into the Ft. Dodge AFSS.

Route A is defined as a facility exiting the Ft. Dodge AFSS to Frontier's Ft. Dodge central office locations at 600 First Avenue North in Ft. Dodge, IA. Route A Will provide DS1 service.

Route B is defined as a Facility exiting the Ft. Dodge AFSS to US West's facility located at 901 Third Avenue North in Ft. Dodge, IA. Route B will provide DS1 service.

A minimum twenty-five foot separation will be maintained between Route A and Route B.

(b) Special Assembly Package - AFSS/LINCS

Rates for Special Assemble Package - AFSS/LINCS are set forth in Section 15 following.