SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.1 General

Special Access Service provides a transmission path to directly connect an IC terminal location and an end user premises*, two IC terminal locations, an IC terminal location and a Hub, or two end user premises. Special Access Services may also be connected to a customer's transmission equipment and facilities using a DS1 or DS3 Cross Connect arrangement where the customer is provided Expanded Interconnection Service (EIS) as defined in Section 17. Special Access Service includes all exchange access not utilizing Telephone Company end office switches. This type of Access Service is used, for example, for the provision of private line service.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate. The specific types of services (e.g., Narrowband, Voice Grade, Digital) provided under Special Access Service are described in 5A.2 following. (C)

5A.1.1 Rate Categories

There are five basic rate categories which apply to Special Access Service: (C)

- Access Connection
- Special Transport
- Features and Functions
- Special Access Line
- Special Access Cross Connect

Unless specifically states otherwise, each of the rate categories will apply for each Special Access Service provided to an IC.

The following is a list of GTE's Open Network Architecture (ONA) Special Access Basic Service Elements (BSEs) which provide a cross-reference to the generic ONA product names.

Generic Name	GTE Name
Access to Clear Channel Transmission	Clear Channel Capability
Automatic Protection Switching	Automatic Protection Switching
Bridging	Bridging
Conditioning	Conditioning
Multiplexing - Digital 2000	Multiplexing Arrangements

(A) Access Connection

This rate category provides a channel between the IC terminal location and the wire center serving the IC terminal location. This rate category varies by type of facility. Customer transmission facilities and equipment terminated in Telephone Company wire centers under EIS, as defined in Section 17, are not considered CDLs. Connection to Telephone Company provided DS1 or DS3 Access Connections within a serving wire center for customers with EIS will require a Special Access Cross Connect arrangement as described in (E) following.

(B) Special Transport

This rate category provides the actual physical transmission facilities between (1) an IC terminal location serving wire center and the end user serving wire center, (2) an IC terminal location serving wire center and a Hub, (3) a Hub and an end user serving wire center. The facilities may be either analog or digital. This rate category is distance sensitive and varies by type of facility. Customer transmission facilities and equipment terminated in Telephone Company wire centers under EIS, as defined in Section 17, are not considered CDLs. Connection to Telephone Company provided DS1 or DS3 Special Transport within a serving wire center for customers with EIS will require a Special Access Cross Connect arrangement as described in (E) following.

* Telephone Company Centrex CO-Like switches are considered to be end users premises for purposes or this tariff.

** Effective December 19, 2013, Wideband Services formerly contained in this section, are hereby cancelled and withdrawn and no longer available. (C)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.1 General (Cont'd)

5A.1.1 Rate Categories (Cont'd)

(C) Features and Functions

This rate category provides available facility interface combinations (including signaling), Hub functions (i.e., bridging and multiplexing) and optional features or functions that improve the quality or utility of a service to meet specific communications requirements. In addition there is a separate charge for Voice Grade Performance which is also included in this rate category. The Voice Grade Performance Charge applies for all Voice Grade Services (i.e., VG1-13) ordered by the IC.

(D) Special Access Line

This rate category provides a channel between the wire center serving the end user and the end user premises. This rate category varies by type of facility.

(E) Special Access Connect

The Special Access Cross Connect charge provides the communications path between Telephone Company provided 64 Kbps DDS (DSO), DS1 or DS3 Special Access Lines or Special Access Transport and a Customer's transmission equipment and facilities where the Customer is provided EIS as defined in Section 17. The Cross Connect arrangement may connect directly to Telephone Company provided 64 Kbps DDS (DSO), DS1 or DS3 Services or to a Telephone Company provided 64 Kbps DDS (DSO), DS1 or DS3 multiplexing arrangement. The Cross Connect charge applies per 64 Kbps DDS (DSO), DS1 or DS3 connection.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.1 General (Cont'd) (C)

5A.1.2 Facility Interface (FI) Combinations

When ordering Special Access Service, the IC must specify the facility interface (FI) that is desired for the service ordered. The FI defines the technical characteristics associated with the type of signaling and type of facilities presented for connection to the Access Service at both the IC terminal location and the end user premises.

The FIs specified for the IC terminal location and the end user premises may be asymmetrical or symmetrical. However, only certain combinations are technically possible.

5A.1.3 Optional Features and Functions

Optional features and functions may be added to a service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific facilities, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations or facilities. Although the facilities necessary to perform a specified function may be installed at various locations along the path of the service, including the premises of the end user, they will be charged for as a single rate element and are provided on an "equipment available basis."

Examples of features or functions that are available include, but are not limited to, the following:

- Conditioning
- Transfer Arrangement
- Automatic Protection Switching

Descriptions and rates for each of the available features and functions are set forth in 5A.4.3 following.

5A.1.4 Service Configurations

There are two types of service configurations over which Special Access Services are provided: two-point service and multipoint service.

(A) Two-Point Service

A two-point service is a channel which is provided to connect two locations. The locations connected may be:

- An IC terminal location and an end user premises, whether provided direct or through a Telephone Company designated facility hub
- An IC terminal location and a Telephone Company Central Office in which a Centrex CO is located
- An IC terminal location and a Hub
- Two IC terminal locations
- Two end user premises

All Special Access Services may be provided as two-point service.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.1 General (Cont'd) (C)

5A.1.4 Service Configurations (Cont'd)

(B) Multipoint Service

A Multipoint service is a channel that is provided to connect three or more locations. The locations connected may be:

- an IC terminal location and two or more end user premises
- all IC terminal locations
- all end users premises
- multiple IC terminal locations and multiple end user premises

Only certain types of Special Access Service are provided as multipoint services. these are so designated in the Technical Service Descriptions set forth in 5A.2.1 and 5A.2.2 following. Multipoint Service is available with a maximum of three mid-links in tandem. However, the specific number of bridges on a given service will be determined by the Telephone Company.

Multipoint service is provided in the following manner:

- The Telephone Company will designate serving wire centers where bridging (by service type) is available. These serving wire centers are referred to as Hubs.

- The IC will specify the bridging serving wire center (i.e., Hub), selected from the Telephone Company list of available locations.

- Service will be priced as provided.

    ° Access Connection from the designated IC terminal locations to IC serving wire center. (Additional IC terminal locations will be treated as end user premises.)

    ° Special Transport from the IC serving wire center to the bridging serving wire center (may also be end user serving wire center).

    ° Appropriate facility interface combination (per end user premises bridged) and bridging equipment charge. The facility interfaces at the end user premises do not have to be the same at each end user premises on a multipoint service, but all must work in combination with a common IC terminal location facility interface. The rates to be applied at the IC terminal location are those for the facility interface combination with the highest rates at the initial installation of service.

    ° Special Transport from the bridging serving wire center to the end user serving wire center, if required.

    ° Special Access Lines from the end user serving wire center to end user premises (per end user locations).

    ° Special Access Service Surcharge (per end user premises).

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.1 General (Cont'd) (C)

5A.1.4 Service Configurations (Cont'd)

(B) Multipoint Service (Cont'd)

As each additional leg is added to an existing multipoint service, additional Special Transport, an end user facility interface, a Special Access Line and a Special Access Service Surcharge will be charged to the IC as required. If another bridge is connected, additional Special Transport, end user facility interface(s), Special Access Line(s) and Special Access Service Surcharge will be charged to the IC as required.

5A.1.5 Alternate Use

Alternate Use occurs when an IC uses a service for different types of transmission at different times. The IC may transfer from one type of operation to another at will, but only one type of transmission can be used at a time.

The Telephone Company will review each request for alternate use on an individual case basis. If it agrees to allow the alternate use, the arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis. The IC will pay the stated tariff rates for the Access Service rate elements ordered (i.e., Access Connection, Special Transport, Facility Interface Combination and Special Access Line).

5A.1.6 Special Facilities Routing

An IC may request that the facilities used to provide Special Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in Section 9.

5A.1.7 Design Layout Report

The Telephone Company will provide to the IC the make-up of the facilities and services provided under this Tariff as Special Access to aid the IC in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the IC at no charge.

5A.1.8 Acceptance Testing

At no additional charge, the Telephone Company will, at the IC's request, cooperatively test, at the time of installation, the following parameters:

For Voice Grade (VG) Services 1,2,3,6,7,8,9,10,11 and 12: Loss, 3-tone slope, dc continuity and operational signaling. When the Access Connection provides a four-wire voice transmission interface and the network interface provides two-wire voice transmission, (i.e., there is a four-wire to two-wire conversion in Special Transport), balance (equal level echo path loss) may also be tested. Additionally, C-notched noise tests will be provided on VG6,7,8,9,10,11 and 12.

All other Access Services will be tested to the performance parameters specified for the individual services.

If acceptance tests are not started within 30 minutes after the scheduled appointment time for such tests, as negotiated between the Telephone Company and the IC, additional charges will apply as set forth in Section 8.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.1 General (Cont'd)

5A.1.9 Ordering Options and Conditions

Ordering options and conditions are set forth in Section 3.

5A.2 Technical Service Descriptions for Special Access Service

Special Access Service may be either analog or digital. Analog services are differentiated by spectrum and bandwidth. Digital services are differentiated by bit rate.

There are four major categories of analog service and two digital services. These are: (C)

- Analog: Narrowband
  Voice Grade
  Program Audio* (Grandfathered effective 12/19/13) (C)
  Video
  (C)
- Digital: (C)
  Digital Data
  High Capacity

Each of these are further broken down into a number of subcategories.

The transmission performance characteristics of each Special Access offering are stated in Section 7000 of the GTE Technical Interface Reference Manual. The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that existing services with performance specifications exceeding the standards in the GTE Technical Interface Reference Manual will be maintained at the performance level specified in the manual. Where transmission performance characteristics are required other than those as stated in Section 7000 of the GTE Technical Interface Reference Manual, the Telephone Company will review, and where technically feasible, will develop rates and charges for the additional costs associated with provisioning the parameters. These rates and charges will be filed on an individual case basis in 5A.5 and will apply in addition to all other applicable rates and charges.

5A.2.1 Analog Services

(A) Narrowband Services

(1) Narrowband 1 (NB1) Special Access Service

(a) Description

Special Access Service NB1 provides a channel for a balanced metallic pair between an IC terminal location and an end user premises. Service will be provided only where appropriate metallic facilities are available. Signal Transfer rates up to 30 baud will be accommodated.

* Effective December 19, 2013 Program Audio Services are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service will not be permitted. (C)

** Effective December 19, 2013, Wideband Analog and Wideband Data Services formerly contained in this section, are hereby cancelled and withdrawn and no longer available.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(A) Narrowband Services (Cont'd)

(1) Narrowband 1 (NB1) Special Access Service (Cont'd)

(b) Illustrative Applications

Special Access Service NB1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Protective Alarm (Direct Wire)
- Wire Pair Facility

(c) Optional Features

- Bridging: provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a second end user location

(2) Narrowband 2 (NB2) Special Access Service

(a) Description

Special Access Service NB2 provides a channel for simplex low-frequency, narrowband electrical transmission which may be provided to a number of end user premises (up to a maximum of 25) to form a series electrical path from the IC terminal location to each end user premises. The electrical path is capable of transporting the three-level signal used in the McCulloh signaling system at speeds up to 15 bps.

Service will be provided only where appropriate metallic or other facilities are available.

(b) Illustrative Application

Special Access Service NB2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Protective Alarm (McCulloh)

(c) Optional Features

- Series Bridging: up to 25 end user premises

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(A) Narrowband Services (Cont'd)

(3) Narrowband 3 (NB3) Special Access Service

(a) Description

Special Access Service NB3 provides a channel for the transmission of direct current and/or low frequency control signals between an IC terminal location and an end user premises. Central office bridging for connection to a third point is available.

This service provides dc continuity which may be continuously monitored. Service is available only where appropriate metallic facilities exist.

(b) Illustrative Applications

Special Access Service NB3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Protective Relaying Telegraph Grade
- Protective Relaying Signal Grade

(c) Optional Features

- Bridging: provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a second end user location

(4) Narrowband 4 (NB4) Special Access Service

(a) Description

Special Access Service NB4 provides a channel for transmission of asynchronous transitions between two current levels at rates up to 75 baud between an IC terminal location and an end user premises. This service is furnished for half-duplex or duplex operation on a two-point or multipoint configuration. Neither direct current continuity of this service nor the capability to transport continuously varying alternating current is assured.

(b) Illustrative Applications

Special Access Service NB4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Telegraph Grade Facilities
- Entrance Facilities - Telegraph Grade
- Extension Service - Telegraph Grade
- Teletypewriter Service
- Alarm Circuits
- Control/Remote Metering - Telegraph Grade

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(A) Narrowband Services (Cont'd)

(4) Narrowband 4 (NB4) Special Access Service (Cont'd)

(c) Optional Features

- Central Office Bridging capability

(5) Narrowband 5 (NB5) Special Access Service

(a) Description

Special Access Service NB5 provides a channel for transmission of asynchronous transitions between two current levels at rates up to 150 baud between an IC terminal location and an end user premises. This service is furnished for half-duplex or duplex operation on a two-point or multipoint configuration. Neither direct current continuity of this service nor the capability to transport continuously varying alternating current is assured.

(b) Illustrative Applications

Special Access Service NB5 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Extension Service - Telegraph Grade
- Teletypewriter Service
- Alarm Circuits
- Type II Telegraph
- Control/Remote Metering - Telegraph Grade

(c) Optional Features

- Central Office Bridging capability

(B) Voice Grade Services

There are 13 types of Voice Grade Service, each having a different transmission performance. The transmission performances determine the applications for which the various types of Voice Grade Service can be used. VG1 through VG4 services are intended for voice applications only. VG5 through VG10 are suitable for voiceband data or voice/data applications. VG11 is suitable for telephoto service and VG12 is suitable for protective relaying service. VG13 is suitable for physically intraLATA, jurisdictionally intrastate services.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(B) Voice Grade Services (Cont'd)

(1) Voice Grade 1 (VG1) Special Access Service

(a) Description

Special Access Service VG1 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface can be either two-wire or four-wire at both the IC terminal location and the end user premises. Various interface options are available. This service will support effective two-wire or effective four-wire transmission.

(b) Illustrative Applications

Special Access Service VG1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Overseas Connecting Facility
- Voice Grade Facility
- Access Facility
- Alarm Circuits
- Back- up Facility

(c) Optional Features

- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel

(2) Voice Grade 2 (VG2) Special Access Service

(a) Description

Special Access Service VG2 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises or Telephone Company Central Office where a Centrex CO switch is located. The transmission interface at the end user premises or Telephone Company Central Office is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective two-wire or effective four-wire transmission.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(B) Voice Grade Services (Cont'd)

(2) Voice Grade 2 (VG2) Special Access Service (Cont'd)

(b) Illustrative Applications

Special Access Service VG2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Centrex CO Line
- Concentrator Identifier Trunk
- Extension Service
- Off-Premises Intercommunications Line
- Private Line Voice Circuit
- Paging Circuit
- Sampling Circuit
- Call and Talk Circuit
- Radio Land Line
- Emergency Patching Circuit
- Order Circuit
- Management Circuit
- Dictation Line
- Foreign Exchange Line
- Long Distance Terminal Line
- Centrex Station Line - Off Premises
- Off Premises Extension
- Off premises PBX Station Line
- Turret or ACD Line
- Secretarial Line

(c) Optional Features

- Central Office Bridging capability
- Improved return loss for effective two-wire transmission at the end users premises
- IC specified end user premises receive level within a range acceptable to the Telephone Company on effective four-wire transmission
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel

(3) Voice Grade 3 (VG3) Special Access Service

(a) Description

Special Access Service VG3 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises or Telephone Company Central Office where a Centrex CO switch is located. The transmission interface at the end user premises or Telephone Company Central Office is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective two-wire or effective four-wire transmission.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(B) Voice Grade Services (Cont'd)

(3) Voice Grade 3 (VG3) Special Access Service (Cont'd)

(b) Illustrative Applications

Special Access Service VG3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Foreign Exchange Trunk (Closed End)
- Long Distance Terminal Trunk
- Remote Attendant Trunk
- Alternate Use Service
- PBX/CTX Tie Trunks
- SSN Access Line
- SSN Station Line
- SSN Network Line
- SSN Tie Trunk
- ACD Trunks
- Off Net-Equivalent Service
- Station and Premises Connecting Facilities

(c) Optional Features

- Improved return loss for effective two-wire transmission at the end users premises
- IC specified end user premises receive level within a range acceptable to the Telephone Company on effective four-wire transmission
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel

(4) Voice Grade 4 (VG4) Special Access Service

(a) Description

Special Access Service VG4 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface will be four-wire at both IC terminal location and the end user premises. This service will support effective four-wire transmission.

(b) Illustrative Applications

Special Access Service VG4 is suitable for use as part of the facilities required to provide intrastate telecommunications services to the Federal Aviation Agency (FAA) for voice plus control tone transmission under FAA Specifications S-1142a.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(B) Voice Grade Services (Cont'd)

(4) Voice Grade 4 (VG4) Special Access Service (Cont'd)

(c) Optional Features

- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel

(5) Voice Grade 5 (VG5) Special Access Service

(a) Description

Special Access Service VG5 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface can be either two-wire or four-wire at the end user premises and the IC terminal location. This service will support effective two-wire or effective four-wire transmission.

(b) Illustrative Applications

Special Access Service VG5 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Alarm Circuits
- Autoscript
- Protective Alarm
- DATAPHONE Select-A-Station

(c) Optional Features

- C-Conditioning
- Central Office Bridging capability
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel

(6) Voice Grade 6 (VG6) Special Access Service

(a) Description

Special Access Service VG6 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface is four-wire at both the IC terminal location and the end user premises. This service will support effective four-wire transmission.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(B) Voice Grade Services (Cont'd)

(6) Voice Grade 6 (VG6) Special Access Service (Cont'd)

(b) Illustrative Applications

Special Access Service VG6 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Private Line Data Circuit
- Multiplex Line
- CSACC Link
- CNCC Link
- Control/Remote Metering
- Measurement and Recording Circuits
- Switching Control and Transfer Circuits

(c) Optional Features

- C-Conditioning
- DA-Conditioning
- Central Office Bridging capability
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel
- Central Office multiplexing

(7) Voice Grade 7 (VG7) Special Access Service

(a) Description

Special Access Service VG7 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises or Telephone Company Central Office where a Centrex CO switch is located. The transmission interface at the end user premises or Telephone Company Central Office is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective two-wire and four-wire transmission.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(B) Voice Grade Services (Cont'd)

(7) Voice Grade 7 (VG7) Special Access Service (Cont'd)

(b) Illustrative Applications

Special Access Service VG7 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Centrex Station Line Off-Premises Stations
- PBX Off-Premises Stations
- Foreign Exchange Trunks (Closed End)
- Foreign Exchange Lines (Closed End)
- Long Distance Terminal Trunks
- PBX Tie Trunks
- SSN Tie Trunks
- Centrex C.O. Lines
- Voice Grade data Connecting Facilities
- Off-Net Equivalent Service

(c) Optional Features

- Improved return loss for effective two-wire transmission at the end user premises
- C-Conditioning
- DA-Conditioning
- IC specified end user premises receive level within a range acceptable to the Telephone Company for effective four-wire transmission
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel

(8) Voice Grade 8 (VG8) Special Access Service

(a) Description

Special Access Service VG8 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises or Telephone Company Central Office. The standard transmission interface at the end user premises or Telephone Company Central Office is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective four-wire transmission.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(B) Voice Grade Services (Cont'd)

(8) Voice Grade 8 (VG8) Special Access Service (Cont'd)

(b) Illustrative Applications

Special Access Service VG8 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- SSN Access Line
- SSN Station Line

(c) Optional Features

- C-Conditioning
- IC specified end user premises receive level within a range acceptable to the Telephone Company for effective four-wire transmission
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel

(9) Voice Grade 9 (VG9) Special Access Service

(a) Description

Special Access Service VG9 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and another IC terminal location or a Telephone Company Central Office which serves as an SSN switch. The transmission interface at the end user premises or Telephone Company Central Office is four-wire and the IC terminal location interface is four-wire. This service will support effective four-wire transmission.

(b) Illustrative Applications

Special Access Service VG9 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as SSN Network Trunks.

(c) Optional Features

- C-Conditioning
- IC specified end user premises receive level within a range acceptable to the Telephone Company for effective four-wire transmission
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(B) Voice Grade Services (Cont'd)

(10) Voice Grade 10 (VG10) Special Access Service

(a) Description

Special Access Service VG10 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface at the end user premises or Telephone Company Central Office and the IC terminal location is four-wire. This service will support effective four-wire transmission.

(b) Illustrative Applications

Special Access Service VG10 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data Off-Net Extension
- Voice Grade Data Facility

(c) Optional Features

- Central Office bridging capability
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel
- C-Conditioning

(11) Voice Grade 11 (VG11) Special Access Service

(a) Description

Special Access Service VG11 provides a channel for telephoto/facsimile transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface at the end user premises can be either two-wire or four-wire and at the IC terminal location the interface is four-wire. This service will support either effective two-wire or four-wire transmission.

(b) Illustrative Applications

Special Access Service VG11 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as telephoto facsimile.

(c) Optional Features

- Central Office Bridging capability
- Telephoto conditioning
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(B) Voice Grade Services (Cont'd)

(12) Voice Grade 12 (VG12) Special Access Service

(a) Description

Special Access Service VG12 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. Such services are used by electric power utilities for the transmission of control signals (voice frequency tones) which are critical to the operation and protection of power systems during fault intervals. The service may be one-way, effective two-wire, or two-way, effective four-wire, and may be ordered in two-point or multipoint configurations. The transmission interface at the IC terminal location and the end user premises can be either two-wire or four-wire.

(b) Illustrative Applications

Special Access Service VG12 is suitable for use as part of the facilities required to provide intrastate voice grade private line audio tone protective relaying service.

(c) Optional Features

- Central Office Bridging capability
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel

(13) Voice Grade 13 (VG13) Special Access Service

(a) Description

Special Access Service VG13 provides a channel for voiceband transmission capability. Usable frequencies are nominally 300 to 3000 Hz between and end user premises. This channel will provide for physically intraLATA services that are jurisdictionally classified as intrastate.

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5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(B) Voice Grade Services (Cont'd)

(13) Voice Grade 13 (VG13) Special Access Service (Cont'd)

(b) Illustrative Applications

Special Access Service VG13 is suitable for the provision of intrastate telecommunications such as:

- PBX/Centrex Tie Trunks
- Remote Attendant Lines
- Turret or ACD Trunks or Lines
- Off-Premises Stations
- Voice Grade Data Service

(c) Optional Features

- Central Office Bridging capability

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5A.2 Technical Service Descriptions for Special Access Service (Cont'd)

5A.2.1 Analog Services (Cont'd)

(C) Program Audio Services* (Grandfathered effective 12/19/13) (C)

(1) Program Audio 1 (AP1) Special Access Service

(a) Description

Special Access Service AP1 provides a channel with a nominal bandwidth from 200 to 3500 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an end user premises. Only one-way transmission is provided.

(b) Illustrative Applications

Special Access Service AP1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Full-Time Noncommercial Educational Audio
- Commercial Audio (Full- and Part-Time)
- Wired Music
- Audio Facilities

(c) Optional Features

- Gain Conditioning - control of 1004 Hz AML at initiation of service to O dB ± 0.5 dB
- Central Office Bridging capability (wired music)

(2) Program Audio 2 (AP2) Special Access Service

(a) Description

Special Access Service AP2 provides a channel with a nominal bandwidth from 100 to 5000 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an end user premises. Only one-way transmission is provided.

(b) Illustrative Applications

Special Access Service AP2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Full-Time Noncommercial Educational Audio
- Commercial Audio (Full- and Part-Time)
- Wired Music
- Audio Facilities

(c) Optional Features

- Gain Conditioning - control of 1004 Hz AML at initiation of service to 0 dB ± 0.5 dB
- Central Office Bridging capability (wired music)

* Effective December 19, 2013 Program Audio Services are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service will not be permitted. (C)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
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5A.2 Technical Service Descriptions for Special Access Service (Cont'd)

5A.2.1 Analog Services (Cont'd)

(C) Program Audio Services* (Cont'd) (Grandfathered effective 12/19/13) (C)

(3) Program Audio 3 (AP3) Special Access Service

(a) Description

Special Access Service AP3 provides a channel with a nominal bandwidth from 50 to 8000 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an end user premises. Only one-way transmission is provided.

(b) Illustrative Applications

Special Access Service AP3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Full-Time Noncommercial Educational Audio
- Commercial Audio (Full- and Part-Time)
- Wired Music
- Audio Facilities

(c) Optional Features

- Gain Conditioning - control of 1004 Hz AML at initiation of service to 0 dB ± 0.5 dB
- Central Office Bridging capability (wired music)

(4) Program Audio 4 (AP4) Special Access Service

(a) Description

Special Access Service AP4 provides a channel with a nominal bandwidth from 50 to 15000 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an end user premises. Only one-way transmission is provided.

(b) Illustrative Applications

Special Access Service AP4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Full-Time Noncommercial Educational Audio
- Commercial Audio (Full- and Part-Time)
- Wired Music
- Audio Facilities

(c) Optional Features

- Gain Conditioning - control of 1004 Hz AML at initiation of service to 0 dB ± 0.5 dB
- Stereo - provision of a pair of gain/phase equalized channels for stereo applications
- Central Office Bridging capability (wired music)

* Effective December 19, 2013 Program Audio Services are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service will not be permitted. (C)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
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5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.1 Analog Services (Cont'd)

(D) Video Services

(1) Television 1 (TV1) Special Access Service

(a) Description

Special Access Service TV1 provides a channel with one-way transmission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and one or two associated 15 kHz audio signal(s) between an IC terminal location and an end user premises.

(b) Illustrative Applications

Special Access Service TV1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Commercial Television (Full and Part-Time)

(2) Television 2 (TV2) Special Access Service

(a) Description

Special Access Service TV2 provides a channel with one-way transmission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and one or two associated 5 kHz audio signal(s) between an IC terminal location and an end user premises.

(b) Illustrative Applications

Special Access Service TV2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Noncommercial Television (Full-Time)

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5A.2 Technical Service Descriptions for Special Access Service (Cont'd)

5A.2.1 Analog Services (Cont'd)

(E) Reserved for Future Use (C)

* Effective December 19, 2013, Wideband Analog Services formerly contained in this section, are hereby cancelled and withdrawn and no longer available. (C)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
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5A.2 Technical Service Descriptions for Special Access Service (Cont'd)

5A.2.1 Analog Services (Cont'd)

(E) Reserved for Future Use (C)

* Effective December 19, 2013, Wideband Analog Services formerly contained in this section, are hereby cancelled and withdrawn and no longer available. (C)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
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5A.2 Technical Service Descriptions for Special Access Service (Cont'd)

5A.2.1 Analog Services (Cont'd)

(E) Reserved for Future Use (C)

* Effective December 19, 2013, Wideband Analog Services formerly contained in this section, are hereby cancelled and withdrawn and no longer available. (C)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
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5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.2 Digital Services

(A) Wideband Digital Services

(1) Wideband Digital 1 (WD1) Special Access Service

(a) Description

Special Access Service WD1 provides a channel for the transmission of 19.2 kbps synchronous serial data between an IC terminal location and an end user premises. Optional arrangements are available for transmission at 18.75 kbps or for transmission of nonsynchronous data with a minimum signal element width of 52 microseconds. A voiceband coordinating channel is provided with this service.

(b) Illustrative Applications

The nonsynchronous option is suitable for use as part of the facilities required to provide intrastate facsimile transmission.

(2) Wideband Digital 2 (WD2) Special Access Service

(a) Description

Special Access Service WD2 provides a channel for the transmission of 50 kbps synchronous serial data or isochronous serial data between an IC terminal location and an end user premises. Optional arrangements are available for transmission of synchronous serial data at 40.8 kbps or for transmission of nonsynchronous data with a minimum signal element width of 20 microseconds. An arrangement may also be included to accommodate the nonsimultaneous transmission of signal and supervisory tones between the frequencies of 300 and 3000 Hz. A voiceband coordinating channel is provided with this service.

(b) Illustrative Applications

Special Access Service WD2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Facsimile Transmission
- Overseas Connecting Facility

(3) Wideband Digital 3 (WD3) Special Access Service

(a) Description

Special Access Service WD3 provides a channel for the transmission of 230.4 kbps synchronous serial data between an IC terminal location and an end user premises. Optional arrangements are available for transmission of nonsynchronous serial data with a minimum signal element width of 4.3 microseconds. A voiceband coordinating channel is provided with this service.

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5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.2 Digital Services (Cont'd)

(A) Wideband Digital Services (Cont'd)

(3) Wideband Digital 3 (WD3) Special Access Service (Cont'd)

(b) Illustrative Applications

The nonsynchronous option is suitable for use as part of the facilities required to provide intrastate facsimile transmission.

(4) Wideband Digital 4 (WD4) Special Access Service

(a) Description

Special Access Service WD4 provides for the transmission of 56 kbps synchronous serial data between an IC terminal location and an end user premises. No voiceband coordinating channel is included with this service.

(b) Illustrative Applications

When using the DATAPHONE Digital Service timing option, this service is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Overseas Connecting Facility
- Digital Data Off-Net Extension

(B) Digital Data Access Service

(1) Digital Data Access 1 (DA1) Special Access Service

(a) Description

Special Access Service DA1 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 2.4 kbps rate between an IC terminal location and an end user premises. The service is synchronous with timing provided through the Telephone Company's facilities to the end user on the received bit stream.

DA1 is available only between the IC terminal location and locations designated by the Telephone Company which are served by digital facilities. All other locations are connectable to the Telephone Company designated digital Hub only through an analog off-network extension which is provided as a Voice Grade Service as set forth in 5A.2.1(B) preceding.

(b) Illustrative Applications

Special Access Service DA1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 2.4 kbps

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5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.2 Digital Services (Cont'd)

(B) Digital Data Access Service (Cont'd)

(1) Digital Data Access 1 (DA1) Special Access Service (Cont'd)

(c) Optional Features

- Loop Transfer arrangement
- Central Office Bridging capability

(2) Digital Data Access 2 (DA2) Special Access Service

(a) Description

Special Access Service DA2 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 4.8 kbps rate between an IC terminal location and an end user premises. The service is synchronous with timing provided through the Telephone Company's facilities to the end user on the received bit stream.

DA2 is available only between the IC terminal location and locations designated by the Telephone Company which are served by digital facilities. All other locations are connectable to the Telephone Company designated digital Hub only through an analog off-network extension which is provided as a Voice Grade Service as set forth in 5A.2.1(B) preceding.

(b) Illustrative Applications

Special Access Service DA2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 4.8 kbps

(c) Optional Features

- Loop Transfer arrangement
- Central Office Bridging capability

(3) Digital Data Access 3 (DA3) Special Access Service

(a) Description

Special Access Service DA3 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 9.6 kbps rate between an IC terminal location and an end user premises. The service is synchronous with timing provided through the Telephone Company's facilities to the end user on the received bit stream.

DA3 is available only between the IC terminal location and locations designated by the Telephone Company which are served by digital facilities. All other locations are connectable to the Telephone Company designated digital Hub only through an analog off-network extension which is provided as a Voice Grade Service as set forth in 5A.2.1(B) preceding.

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5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.2 Digital Services (Cont'd)

(B) Digital Data Access Service (Cont'd)

(3) Digital Data Access 3 (DA3) Special Access Service (Cont'd)

(b) Illustrative Applications

Special Access Service DA3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 9.6 kbps

(c) Optional Features

- Loop Transfer arrangement
- Central Office Bridging capability

(4) Digital Data Access 4 (DA4) Special Access Service

(a) Description

Special Access Service DA4 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 56 kbps rate between an IC terminal location and an end user premises. The service is synchronous with timing provided through the Telephone Company's facilities to the end user on the received bit stream.

DA4 is available only between the IC terminal location and locations designated by the Telephone Company which are served by digital facilities. All other locations are connectable to the Telephone Company designated digital Hub only through an analog off-network extension which is provided as a Wideband Digital Service as set forth in 5A.2.2(A) preceding.

(b) Illustrative Applications

Special Access Service DA4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Packet Access Line
- Packet Switch Trunk
- Packet Off-Net Access Line
- Digital Data - 56 kbps

(c) Optional Features

- Loop Transfer arrangement
- Central Office Bridging capability

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5A.2 Technical Service Descriptions for Special Access Service (Cont'd) (C)

5A.2.2 Digital Services (Cont'd)

(B) Digital Data Access Service (Cont'd)

(5) Subrate Multiplexed Digital Data Access 1 (SR1) Special Connector Service

(a) Description

Special Access Service SR1 provides the ability to combine up to 20 DA1 Special Access Services into a single channel of a HC1 Special Access Service. Note: The only rate elements applicable to this service are the Carrier Submultiplexing Unit and the Carrier Multiplexing Plug-Ins per 64 kbps channel.

(6) Subrate Multiplexed Digital Data Access 2 (SR2) Special Connector Service

(a) Description

Special Access Service SR2 provides the ability to combine up to 10 DA2 Special Access Services into a single channel of a HC1 Special Access Service. Note: The only rate elements applicable to this service are the Carrier Submultiplexing Unit and the Carrier Multiplexing Plug-Ins per 64 kbps channel.

(7) Subrate Multiplexed Digital Data Access 3 (SR3) Special Connector Service

(a) Description

Special Access Service SR3 provides the ability to combine up to five DA3 Special Access Services into a single channel of a HC1 Special Access Service. Note: The only rate elements applicable to this service are the Carrier Submultiplexing Unit and the Carrier Multiplexing Plug-Ins per 64 kbps channel.

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5A.2 Technical Service Descriptions for Special Access Service (Cont'd)

5A.2.2 Digital Services (Cont'd)

(C) High Capacity Services

(1) High Capacity 1 (HC1) Special Access Service

(a) Description

Special Access Service HC1 provides a channel for the transmission of nominal 1.544 Mbps isochronous serial data between an IC terminal location and an end user premises, between IC terminal locations or between an IC terminal location and a Telephone Company designated Hub where multiplexing is offered. High Capacity HC1 services may also be connected to customer transmission equipment and facilities where the customer is provided EIS as defined in Section 17. (C)

(b) Illustrative Applications

Special Access Service HC1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- 1.544 Mbps Access Line
- Digital Service
- 3.0 Mbps Access Line
- Hub to Earth Station Trunk

(c) Optional Features

- Automatic Protection Switching
- Central Office multiplexing

(2) High Capacity 1C (HC1C) Special Access Service

(a) Description

Special Access Service HC1C provides a channel for the transmission of nominal 3.152 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company designated Hub where multiplexing is offered.

(b) Illustrative Applications

Special Access Service HC1C is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

(c) Optional Features

- Central Office multiplexing

(3) High Capacity 2 (HC2) Special Access Service

(a) Description

Special Access Service HC2 provides a channel for the transmission of 6.312 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company designated Hub where multiplexing is offered.

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5A.2 Technical Service Descriptions for Special Access Service (Cont'd)

5A.2.2 Digital Services (Cont'd)

(C) High Capacity Services (Cont'd)

(3) High Capacity 2 (HC2) Special Access Service (Cont'd)

(b) Illustrative Applications

Special Access Service HC2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

(c) Optional Features

- Central Office multiplexing

(4) High Capacity 3 (HC3) Special Access Service

(a) Description

Special Access Service HC3 provides a channel for the transmission of 44.736 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company designated Hub where multiplexing is offered. High Capacity HC3 service may also be connected to customer transmission equipment and facilities where the customer is provided EIS as defined in Section 17. EIS is not available with HC3 services provided with an optical interface. (C)

(b) Illustrative Applications

Special Access Service HC3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

(c) Optional Features

- Central Office multiplexing

(5) High Capacity 4 (HC4) Special Access Service

(a) Description

Special Access Service HC4 provides a channel for the transmission of 274.176 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company designated Hub where multiplexing is offered.

(b) Illustrative Applications

Special Access Service HC4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

(c) Optional Features

- Central Office multiplexing

SPECIAL FACILITIES FOR INTRASTATE ACCESS
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5A.3 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access Service.

5A.3.1 Types of Rates and Charges

There are three types of rates and charges. These are monthly rates, daily rates and nonrecurring charges. In addition, there are three types of nonrecurring charges. The rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

(B) Daily Rates

Daily rates are flat recurring rates that apply each day or fraction thereof that a Program Audio* or Video Special Access Service is provided for part-time or occasional use. (C)

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The three types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of feature(s) and function(s), and service rearrangements.

(1) Installation of Service

Nonrecurring charges apply to each service installed. When multiple identical services (i.e., services between the same locations and for the same customer) are ordered and installed at the same time, there is a charge for the first service installed and a lower charge for each additional identical service installed. Nonrecurring charges for the installation of all services apply per service termination (i.e., IC terminal location and end user premises). The nonrecurring charges for these services are set forth in the rate schedule with the facility interface combinations in 5A.4.3(A) following.

In addition, there is a separately stated nonrecurring charge associated with the installation of Voice Grade Service (i.e., VG1-13), which varies by the specific performance desired (e.g., VG2, VG3, etc.). These nonrecurring charges, which apply per two-point service or each section of a multipoint service, are set forth in the rate schedule in 5A.4.3(B) following.

(2) Installation of Features and Functions

Nonrecurring charges apply for the installation of the various features and functions available with Special Access Service. For some features and functions there is a lower charge if installed coincident with the service and a higher charge if installed subsequent to the installation of the service.

* Effective December 19, 2013 Program Audio Services are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service will not be permitted. (C)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
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5A.3 Rate Regulations (Cont'd) (C)

5A.3.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements

Nonrecurring charges apply for service rearrangements. Service rearrangements are changes to existing services that do not result in a change to any of the following: (1) address of the IC terminal location, (2) address of the end users premises, (3) type of service or (4) the WATS or WATS type service office (for use with WATS access line service provided under the Telephone Company's WATS tariff). Changes of this nature constitute a discontinuance and start of service.

Service Rearrangement Charges are based on the nonrecurring (i.e., installation) charge of the service being changed. Following are the service rearrangements that are allowable for Special Access Service and the appropriate levels of charging.

(a) Service Rearrangements for Services

Type of Change	Level of Charging
Change from two-wire to four-wire or from four-wire to two-wire	Full nonrecurring charge associated with the facility interface combination for the service being changed
Change in facility interface that does not result in a change to any other rate element.	1/2 of the nonrecurring charge associated with the facility interface combination for the service being changed
Change in facility interface that results in changes to other rate element(s).	Full nonrecurring charge associated with the facility interface combination for the service being changed

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5A.3 Rate Regulations (Cont'd)

5A.3.2 Surcharge for Special Access Service

(A) General

In addition to the rates and charges described in 5A.3.1 preceding, there is a monthly surcharge of $25.00 that applies to two-point sub-voice grade, voice grade and equivalent voice grade Special Access Services (e.g., the surcharge for a group level service would be $300.00 or 12 x $25.00). For multipoint services, the $25.00 surcharge applies for each end user location on the service. This surcharge is to compensate the Telephone Company for use of the local exchange network by Special Access Services.

(B) Exceptions to the Surcharge Application

Recognizing that not all services can utilize the local exchange network, certain uses of Special Access Service are exempt from the surcharge. Following is a listing of the exempt categories:

(1) Any termination of an analog service that is used for television or program audio* transmission. (C)

(2) Any termination of a service that is used for Telex service.

(3) Any termination of a service that is associated with Switched Access Service that is subject to Carrier Common Line Charges.

(C) Self Reporting

In order for the Telephone Company to determine the application of the surcharge with respect to specific services, the IC must report the intended use of all services when placing orders for Special Access Service. In addition, when ordering high capacity analog or digital services, the IC must also report the use for each voice equivalent channel of the high capacity service. When any service or channel of a service is reported to be used in any manner described in (B) preceding, the surcharge will not apply. If the intended use is not reported, the Telephone Company will automatically bill the appropriate surcharge on each Special Access Service installed.

The Telephone Company reserves the right to audit the use of the service at any time. If the service is found to be used for a type of operation other than that reported by the IC, and a surcharge would apply for that type of operation, the Telephone Company will notify the IC and will begin to apply the surcharge.

(D) Crediting the Surcharge

If, at any time after the installation of a service which is subject to the surcharge, the IC reports that the service is being used in association with a Switched Access Service that is subject to Carrier Common Line Charges, the Telephone Company will credit the IC for the surcharge. The credit will be effective on the date that the Special Access Service became associated with the Switched Access Service.

* Effective December 19, 2013 Program Audio Services are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service will not be permitted. (C)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
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5A.3 Rate Regulations (Cont'd)

5A.3.3 Minimum Periods

Special Access Service is provided for a specified minimum period. The minimum period and the applicable charges for that period are dependent on the interval (i.e., standard, negotiated, or short notice) under which service is provided. An exception to the minimum period exists for part-time and occasional Video and Program Audio* services which may be ordered and paid for on a daily basis. Minimum periods and minimum period charges are described in Section 3 preceding. (C)

5A.3.4 Moves

A move involves a change in the physical location of one of the following:

- The point of interface at the IC terminal location
- The IC terminal location
- The network interface at the end user premises
- The end user premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, for all services, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the service termination affected (i.e., the IC terminal location or the end user premises). There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full non-recurring charge for the basic service.

(B) Moves To a Different Building

Moves to a different building will be treated as a discontinuance of service and start of a new service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The IC will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

5A.3.5 Rate Application Exception Rules

(A) Intrabuilding Access Services

Intrabuilding cable facilities, provided by the Telephone Company to connect two IC terminal locations or an IC terminal location and an end user premises in the same public building, will be rated as an Access Connection and an appropriate facility interface combination. The Special Transport and Special Access Line rate elements will not apply to this type of service, nor will the Special Access Service Surcharge set forth in 5A.3.2 preceding apply.

* Effective December 19, 2013 Program Audio Services are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service will not be permitted. (C)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
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5A.3 Rate Regulations (Cont'd)

5A.3.5 Rate Application Exception Rules (Cont'd)

(B) IC Terminal Location to IC Terminal Location

When two IC terminal locations are connected together via Special Access Service, the IC will be billed as though the service were connecting an IC terminal location and an end user premises: Access Connection, Special Transport, Features and Functions (facility interface combination) and Special Access Line. One of the IC terminal locations will be treated as an end user premises.

(C) End User to End User

When two end user premises are connected together vis Voice Grade 13 (VG13) Special Access Service, the IC will be billed as though the service were connecting an IC terminal location and an end user premises: Access Connection, Special Transport, Features and Functions (facility interface combination) and Special Access Line. The end user premises at which the service connects to interLATA service will be treated as an IC terminal location. No Special Access Service Surcharge will apply for this service.

5A.3.6 Mileage Measurement

The mileage to be used to determine the monthly rate for the Special Transport is calculated on the airline distance between the serving wire centers involved (i.e., IC serving wire center, Hub serving wire center or end user serving wire center). The V&H coordinates method is used to determine mileage. This method is explained in the National Exchange Carrier Association (NECA) Tariff FCC No. 4, Serving Wire Center Information (V&H coordinates).

Mileage is shown in 5A.4.2 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, then find the band into which the computed mileage falls and apply the rates shown for that band to the actual number of miles. There are two rates that apply for each mileage band, a flat rate for the band and a rate per mile.

When Hubs are involved, mileage rates are computed separately for each section of the Special Transport mileage: IC serving wire center to Hub, Hub to Hub and/or Hub to end user serving wire center.

5A.3.7 Facility Hubs

An IC has the option of ordering high capacity analog or digital facilities (i.e., DS1, DS1C, DS2, DS3 or DS4) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Voice, Program Audio*, etc.). (C)

* Effective December 19, 2013 Program Audio Services are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service will not be permitted. (C)

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5A.3 Rate Regulations (Cont'd)

5A.3.7 Facility Hubs (Cont'd)

The Telephone Company will designate the facility Hub locations. Different locations may be designated as Hubs for different facility capacities (e.g., multiplexing from digital to digital may occur at one location which multiplexing from digital to analog may occur at a different location). The IC will choose the desired Hub from a list that the Telephone Company will make available.

Some of the types of multiplexing provided include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to Voice Grade Service
- from digital to Program Audio Service*

The transmission performance for the end to end service provided from the IC terminal location to the end user premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps service is multiplexed to voice frequency channels, the transmission performance will be voice grade, not high capacity.

The Telephone Company will commence billing the monthly rate for the Access Connection and the Special Transport or Special Access Cross Connect charge for EIS arrangements, for the high capacity facility to the Hub as soon as it is provided, even though individual services utilizing those facilities may not be ordered and installed until a later date. If the IC has designated the type of multiplexing to be provided, the nonrecurring charge for the multiplexer will be billed to the IC at that time and the billing for the monthly rate will begin.

Individual service rates (by service type) will apply for the facility interface combination, the Special access line, and additional Special Transport (if required) for each channelized service. these will be billed to the IC as each individual service is installed.

Although not requiring multiplexing, the Telephone Company will designate certain serving wire centers as Hubs for Video and Program Audio* Services. Full-time service will be provided to the Hub and billed accordingly at the monthly rates set forth in 5A.4.1 and 5A.4.2 following, for the Access Connection and the Special Transport respectively. The IC may order part-time and occasional Video and Program Audio* Services from the Hub to the end user premises. The rate elements required to provide service from the Hub to the end user premises (i.e., Special Transport, Facility Interface Combinations and Special Access Lines) will be billed at daily rates for the duration of the service requested by the IC.

5A.3.8 Shared Use Special Access High Capacity Services (C)

Shared use occurs when Switched Access Service is provided over the same Special Access High Capacity facility through a common Special Access high capacity interface. This sharing arrangement is available only for existing services. Shared Use will be ordered, provisioned and rated only as Special Access Service, regardless of whether individual channels of the Shared Use facility are used for Special Access Service or for Switched Access Service or any other type of service. Shared use of Expanded Interconnection Service and Special Access Cross Connect arrangements is not available. Shared use of Switched Access facilities (i.e., Special Access Services provided over Switched Access facilities) is not allowed.

* Effective December 19, 2013 Program Audio Services are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service will not be permitted.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (C)

5A.4.1 Access Connections

Each Connection (USOC)	Monthly Rates	Daily Rates
2-Wire (1XC2X) (For use with NB1-5, VG1-13 and AP1-4)	$3.67	$0.35*
4-Wire (1XC4X) (For use with NB4-5, VG1-13 and DA1-4)	7.98	-
TV (1XCTV)	215.61	43.67
DS1 - 1.544 Mbps (1XCDX)	102.35	-

ICB Rates and Charges apply for the following:

Group (1XG++)
Supergroup (1XS++)
Mastergroup (1XM++)
20kHz (1XN++)
13kHz (1XW++)
19.2 kbps (1XV++)
50 kbps (1XQ++)
230.4 kbps (1XK++)
56 kbps (1X5++)
DS1C - 3.152 Mbps (1XA++)
DS2 - 6.312 Mbps (1X6++)
DS3 - 44.736 Mbps (1X8++)
DS4 - 274.176 Mbps (1X9++)

*Daily Rates are applicable with AP1-4 only.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.2 Special Transport

	Mileage Bands	Monthly Rates Fixed	Monthly Rates Per Mile
2-Wire - Metallic (1L5XX)	0 - 4	None	$5.80
(For use with NB1-3)	Over 4 to 8	None	5.80
	Over 8 to 16	None	5.80
	Over 16 to 25	None	5.80
	Over 25 to 50	None	5.80
	Over 50 to 100	None	5.80
	Over 100	None	5.80
75 Baud (1L5XX)	0 - 4	$10.19	$5.90
(For use with NB4)	Over 4 to 8	21.99	2.95
	Over 8 to 16	29.67	1.99
	Over 16 to 25	29.67	1.99
	Over 25 to 50	46.67	1.31
	Over 50 to 100	65.17	0.94
	Over 100	94.17	0.65
150 Baud (1L5XX)	0 - 4	$7.81	$3.86
(For use with NB5)	Over 4 to 8	8.73	3.63
	Over 8 to 16	20.65	2.14
	Over 16 to 25	20.65	2.14
	Over 25 to 50	29.65	1.78
	Over 50 to 100	57.65	1.22
	Over 100	77.65	1.02
2-Wire/4-Wire Voice (1L5XX)	0 - 4	$4.42	$8.35
(For use with VG1-13)	Over 4 to 8	17.03	5.20
	Over 8 to 16	37.88	2.60
	Over 16 to 25	47.80	1.98
	Over 25 to 50	72.63	0.99
	Over 50 to 100	86.52	0.70
	Over 100	121.77	0.36

	Mileage Bands	Monthly Rates Fixed	Monthly Rates Per Mile	Daily Rates Fixed	Daily Rates Per Mile
3.5 kHz Audio - AP1 (1L5XX)	0 - 4	$8.17	$3.71	$0.82	$0.37
	Over 4 to 8	11.01	3.00	1.10	0.30
	Over 8 to 16	11.01	3.00	1.10	0.30
	Over 16 to 25	18.85	2.51	1.89	0.25
	Over 25 to 50	18.85	2.51	1.89	0.25
	Over 50 to 100	23.35	2.42	2.34	0.24
	Over 100	49.35	2.16	4.94	0.22
5 kHz Audio - AP2 (1L5XX)	0 - 4	$8.72	$4.26	$0.87	$0.43
	Over 4 to 8	8.72	4.26	0.87	0.43
	Over 8 to 16	15.04	3.47	1.50	0.35
	Over 16 to 25	15.04	3.47	1.50	0.35
	Over 25 to 50	19.79	3.28	1.98	0.33
	Over 50 to 100	32.29	3.03	3.23	0.30
	Over 100	32.29	3.03	3.23	0.30

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.2 Special Transport (Cont'd)

	Mileage Bands	Monthly Rates Fixed	Monthly Rates Per Mile	Daily Rates Fixed	Daily Rates Per Mile
8 kHz Audio - AP3 (1L5XX)	0 - 4	$10.82	$6.69	$1.08	$0.67
	Over 4 to 8	10.82	6.69	1.08	0.67
	Over 8 to 16	22.34	5.25	2.23	0.53
	Over 16 to 25	28.42	4.87	2.84	0.49
	Over 25 to 50	28.42	4.87	2.84	0.49
	Over 50 to 100	40.92	4.62	4.09	0.46
	Over 100	58.92	4.44	5.89	0.44
15 kHz Audio - AP4 (1L5XX)	0 – 4	$22.57	$9.33	$2.26	$0.93
	Over 4 to 8	22.57	9.33	2.26	0.93
	Over 8 to 16	22.57	9.33	2.26	0.93
	Over 16 to 25	38.57	8.33	3.86	0.83
	Over 25 to 50	42.07	8.19	4.21	0.82
	Over 50 to 100	56.07	7.91	5.61	0.79
	Over 100	56.07	7.91	5.61	0.79
TV (1L5XX)	0 – 4	$227.76	$246.97	$140.73	$98.20
	Over 4 to 8	227.76	246.97	140.73	98.20
	Over 8 to 16	227.76	246.97	140.73	98.20
	Over 16 to 25	227.76	246.97	140.73	98.20
	Over 25 to 50	227.76	246.97	140.73	98.20
	Over 50 to 100	227.76	246.97	140.73	98.20
	Over 100	227.76	246.97	140.73	98.20

	Mileage Bands	Monthly Rates Fixed	Monthly Rates Per Mile	
Digital Data 1 (1L5XX)	0 - 4		$45.05	$1.23
	Over 4 to 8	45.05	1.23	
	Over 8 to 16		49.21	0.71
	Over 16 to 25		49.21	0.71
	Over 25 to 50		54.46	0.50
	Over 50 to 100		54.46	0.50
	Over 100	59.46	0.45	
Digital Data 2 (1L5XX)	0 - 4		$39.14	$1.46
	Over 4 to 8	39.14	1.46	
	Over 8 to 16		44.66	0.77
	Over 16 to 25		44.66	0.77
	Over 25 to 50		44.91	0.76
	Over 50 to 100		51.91	0.62
	Over 100	51.91	0.62	
Digital Data 3 (1L5XX)	0 - 4		$47.21	$1.37
	Over 4 to 8	47.21	1.37	
	Over 8 to 16		51.77	0.80
	Over 16 to 25		54.49	0.63
	Over 25 to 50		54.49	0.63
	Over 50 to 100		60.49	0.51
	Over 100	60.49	0.51	

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.2 Special Transport (Cont'd)

	Mileage Bands	Monthly Rates	
		Fixed	Per Mile
Digital Data 4 (1L5XX)	0 - 4	$75.08	$9.19
	Over 4 to 8	93.44	4.60
	Over 8 to 16	111.84	2.30
	Over 16 to 25	130.24	1.15
	Over 25 to 50	141.24	0.71
	Over 50 to 100	156.24	0.41
	Over 100	176.24	0.21
DS1 - 1.544 Mbps (1L5XX)	0 - 4	$38.02	$15.09
	Over 4 to 8	38.02	15.09
	Over 8 to 16	38.02	15.09
	Over 16 to 25	38.02	15.09
	Over 25 to 50	38.02	15.09
	Over 50 to 100	38.02	15.09
	Over 100	38.02	15.09

ICB Rates and Charges apply for the following:

Group (1L5X+)
Supergroup (1L5X+)
Mastergroup (1L5X+)
20kHz (1L5X+)
13kHz (1L5X+)
19.2 kbps (1L5X+)
50 kbps (1L5X+)
230.4 kbps (1L5X+)
56 kbps (1L5X+)
DS1C - 3.152 Mbps (1L5X+)
DS2 - 6.312 Mbps (1L5X+)
DS3 - 44.736 Mbps (1L5X+)
DS4 - 274.176 Mbps (1L5X+)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions

(A) Facility Interface Combinations

(1) Narrowband Services

IC	Monthly Rates Per Service End User	USOC	Nonrecurring Charges Per Service Termination First	Additional Service	
DC (For use with NB1-3)	DC	9C6	None	$163.59	$78.23
TT (For use with NB4)	TT	9C7	$2.63	318.45	184.87
DB-10 (For use with NB4)	TT	9ET	0.36	290.78	166.49
DB-43+ (For use with NB4)	TT	9E2	7.55	272.43	158.70
DB-10 (For use with NB5)	IA	9F1	0.36	290.78	166.49
DB-43+ (For use with NB5)	IA	9F2	7.55	272.43	158.70
AH* (For use with NB2)	DC	9CV	10.29	225.05	119.99
AH* (For use with NB4)	TT	9C5	12.72	260.75	155.44
AH* (For use with NB5)	IA	9C3	10.29	260.75	155.44
DS* (For use with NB2)	DC	9C9	5.05	220.03	115.49
DS* (For use with NB4)	TT	9VG	7.48	272.43	158.70
DS* (For use with NB5)	IA	9VH	5.05	272.43	158.70

*Requires intermediate multiplexing

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(A) Facility Interface Combinations (Cont'd)

(2) Voice Grade Services

IC	End User	USOC	Nonrecurring Charges: Monthly Rates Per Service Termination	Per Service Termination: First Service	Per Service Termination: Additional Service
AB (For use with VG2)	AC	9GB	$17.77	$90.85	$62.34
AB (For use with VG2)	SF	9XZ	21.56	146.89	90.51
AH* (For use with VG2)	AC	9P7	19.30	68.65	39.23
AH* (For use with VG5,6,10,12)	DA	9SE	6.80	73.62	38.91
AH* (For use with VG5)	DE	9SD	19.72	37.38	17.41
AH* (For use with VG9)	DX	9XK	16.65	82.97	48.26
AH* (For use with VG3,7,8)	DY	9RN	17.52	78.05	43.34
AH* (For use with VG3,7,8,9)	EA	9RK	22.41	82.97	48.26
AH* (For use with VG3,7,8,9)	EB	9RL	22.41	82.97	48.26
AH* (For use with VG1)	GO	9QF	25.58	63.31	35.88
AH* (For use with VG1,3,7)	GS	9QG	26.09	63.31	35.88
AH* (For use with VG2,7)	LA	9QB	20.75	79.74	47.16
AH* (For use with VG2.7)	LB	9QC	20.75	68.02	38.60
AH* (For use with VG2,7)	LC	9QD	20.75	68.65	39.23
AH* (For use with VG1,2,7)	LO	9QE	20.75	68.65	39.23
AH* (For use with VG2)	LR	9RM	20.75	61.34	33.92
AH* (For use with VG1,2,3,7,8)	LS	9P9	19.30	61.34	33.92
AH* (For use with VG1,2,4,5,6,7,9)	NO	9P6	13.61	55.77	28.34
AH* (For use with VG3,7)	RV	9SC	15.43	68.65	39.23
AH* (For use with VG2,3,7,8,9)	SF	9XC	23.09	82.97	48.26
AH* (For use with VG11)	TF	9SF	13.61	55.77	28.34

*Requires intermediate multiplexing.

(C) Indicates Change

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(A) Facility Interface Combinations (Cont'd)

(2) Voice Grade Services (Cont'd)

IC	End User	USOC	Nonrecurring Charges: Monthly Rates Per Service	Per Service Termination: First Service	Per Service Termination: Additional Service
DA (For use with VG10,13)	DA	9KR	$5.03	$158.90	$99.19
DB (For use with VG6,10,12)	DA	9KQ	5.03	158.90	99.19
DB (For use with VG6)	NO	9YJ	6.81	115.83	70.90
DD (For use with VG5)	DE	9KO	13.97	113.72	70.17
DS* (For use with VG2)	AC	9KV	14.06	65.20	36.32
DS* (For use with VG5,6,10,12)	DA	9KT	4.75	75.41	41.24
DS* (For use with VG5)	DE	9KS	13.96	35.76	16.33
DS* (For use with VG9)	DX	9XU	11.41	69.60	35.42
DS* (For use with VG3,7,8)	DY	9LV	12.28	69.60	35.42
DS* (For use with VG3,7,8,9)	EA	9K8	17.17	70.61	36.43
DS* (For use with VG3,7,8,9)	EB	9K9	17.17	70.61	36.43
DS* (For use with VG1)	GO	9K6	20.34	50.85	23.97
DS* (For use with VG1,3,7)	GS	9K7	20.85	50.85	23.97
DS* (For use with VG2,7)	LA	9KY	15.51	74.34	42.29
DS* (For use with VG2,7)	LB	9K1	15.51	65.46	36.57
DS* (For use with VG2,7)	LC	9K2	15.51	65.20	36.32
DS* (For use with VG1,2,7)	LO	9K3	15.51	65.20	36.32
DS* (For use with VG2)	LR	9K5	13.81	50.85	23.97
DS* (For use with VG1,2,3,7,8)	LS	9KX	15.76	50.85	23.97
DS* (For use with VG1,2,4,5,6,7,9,13)	NO	9KU	8.37	55.85	28.96
DS* (For use with VG3,7)	RV	9LB	10.19	65.20	36.32

*Requires intermediate multiplexing.

(C) Indicates Change

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(A) Facility Interface Combinations (Cont'd)

(2) Voice Grade Services (Cont'd)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination First Service	Nonrecurring Charges Per Service Termination Additional Service
DS* (For use with VG2,3,7,8,9)	SF	9XJ	$17.85	$70.61	$36.43
DS* (For use with VG11)	TF	9LW	8.37	55.85	28.96
DX (For use with VG9)	DX	9YE	13.07	133.96	79.51
DX (For use with VG3,7,8)	DY	9J7	13.94	133.96	79.51
DX (For use with VG3,7,8,9)	EA	9KJ	18.48	146.41	90.51
DX (For use with VG3,7,8,9)	EB	9KK	18.48	146.41	90.51
DX (For use with VG2,7)	LA	9JD	16.83	153.42	99.17
DX (For use with VG2,7)	LB	9JE	16.83	138.07	88.16
DX (For use with VG2,7)	LC	9JF	16.83	132.49	84.65
DX (For use with VG2,7)	LO	9YF	16.83	132.49	84.65
DX (For use with VG2,3,7,8)	LS	9J6	18.41	130.97	81.96
DX (For use with VG3,7)	RV	9KM	11.50	132.49	84.65
DX (For use with VG2,3,7,8,9)	SF	9XB	19.16	146.41	90.51
DY (For use with VG13)	DY	9KN	13.93	133.96	79.51
EA (For use with VG2)	AC	9HC	20.26	132.49	84.65
EA (For use with VG9)	DX	9YA	17.61	161.62	97.89
EA (For use with VG3,7,8,13)	DY	9G8	18.48	133.96	79.51
EA (For use with VG3,7,8,9,13)	EA	9HX	22.50	162.64	98.90
EA (For use with VG3,7,8,9,13)	EB	9H1	22.50	162.64	98.90
EA (For use with VG2,7)	LA	9HM	21.71	153.42	99.17
EA (For use with VG2,7)	LB	9HN	21.71	138.07	88.16

*Requires intermediate multiplexing.
(C) Indicates Change

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(A) Facility Interface Combinations (Cont'd)

(2) Voice Grade Services (Cont'd)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination First Service	Additional Service	
EA (For use with VG2,7)		LC	9HQ	$21.71	$132.49	$84.65
EA (For use with VG2,7)		LO	9XN	21.71	132.49	84.65
EA (For use with VG92,3,7,8)		LS	9HF	23.30	130.97	81.96
EA (For use with VG3,7)		RV	9H2	22.12	132.49	84.65
EA (For use with VG2,3,7,8,9)		SF	9X5	24.05	146.41	90.51
EB (For use with VG2)		AC	9H6	20.26	132.49	84.65
EB (For use with VG9)		DX	9YB	17.62	161.62	97.89
EB (For use with VG3,7,8,13)		DY	9HB	18.48	133.96	79.51
EB (For use with VG3,7,8,9,13)		EA	9H9	23.37	162.64	98.90
EB (For use with VG3,7,8,9,13)		EB	9JC	23.37	162.64	98.90
EB (For use with VG2,7)		LA	9H4	21.71	153.42	99.17
EB (For use with VG2,7)		LB	9HR	21.71	138.07	88.16
EB (For use with VG2,7)		LC	9H5	21.71	132.49	84.65
EB (For use with VG2,7)		LO	9XY	21.71	132.49	84.65
EB (For use with VG2,3,7,8)		LS	9H3	23.30	130.97	81.96
EB (For use with VG3,7)		RV	9H7	16.39	132.49	84.65
EB (For use with VG2,3,7,8,9)		SF	9X6	24.05	146.41	90.51
EC (For use with VG3,7,8)		DY	9L2	18.48	133.96	79.51
EC (For use with VG3,7,8)		EA	9LX	23.37	162.64	98.90
EC (For use with VG3,7,8)		EB	9L1	23.37	162.64	98.90
EC (For use with VG3,7,8)		SF	9XR	24.05	146.41	90.51

(C) Indicates Change

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(A) Facility Interface Combinations (Cont'd)

(2) Voice Grade Services (Cont'd)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination First Service	Additional Service
EX (For use with VG3,7)		GS	9SH	$20.94	$130.97	$82.23
EX (For use with VG2,7)		LA	9SK	15.60	153.42	99.17
EX (For use with VG2,7)		LB	9SL	15.60	138.07	88.15
EX (For use with VG2,7)		LC	9SO	15.60	132.49	84.65
EX (For use with VG1,2,7)		LO	9SJ	15.60	132.49	84.65
EX (For use with VG2)		LR	9SQ	13.90	132.49	84.65
EX (For use with VG1,2,3,7)		LS	9ST	17.19	130.97	81.96
EX (For use with VG1,3,7)		SF	9XD	17.94	146.41	90.51
GO (For use with VG1,3,7)		GS	9G6	13.90	96.48	61.23
GO (For use with VG3,7)		SF	9XA	28.09	146.41	90.51
GS (For use with VG1)		GO	9G5	30.58	96.48	61.23
LO (For use with VG1,2,3,7,8)		LS	9GC	22.52	96.12	60.91
LO (For use with VG2,3,7)		SF	9XP	23.27	146.41	90.51
LR (For use with VG2)		LR	9G2	17.52	96.41	57.83
LR (For use with VG2)		SF	9XT	21.55	146.41	90.51
LS (For use with VG2,7,13)		LA	9GD	20.93	142.26	72.65
LS (For use with VG2,7,13)		LB	9GZ	20.93	138.69	73.14
LS (For use with VG2,7,13)		LC	9G1	20.93	126.45	59.77
LS (For use with VG1,2,7,13)		LO	9G4	20.93	126.45	59.77
LS (For use with VG2)		SF	9YG	23.27	146.41	90.51
NO (For use with VG6,10,12,13)		DA	9X2	6.81	115.34	70.90

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(A) Facility Interface Combinations (Cont'd)

(2) Voice Grade Services (Cont'd)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination First Service	Additional Service	
NO (For use with VG1,2,4,5,6,7,9)		NO	9GE	$6.65	$106.92	$66.89
RV (For use with VG3,7)		RV	9JC	10.28	96.48	61.23
RV (For use with VG3,7)		SF	9YH	17.94	146.41	90.51
SF (For use with VG2)		AC	9L5	20.98	132.49	84.65
SF (For use with VG9)		DX	9W1	18.34	146.41	90.51
SF (For use with VG3,7,8)		DY	9L3	19.21	133.96	79.51
SF (For use with VG3,7,8,9)		EA	9PO	24.10	146.41	90.51
SF (For use with VG3,7,8,9)		EB	9P4	24.10	146.41	90.51
SF (For use with VG1,3,7)		GS	9PN	27.78	131.87	82.23
SF (For use with VG2,7)		LA	9ME	22.44	153.42	99.17
SF (For use with VG2,7)		LB	9MF	22.44	138.07	88.16
SF (For use with VG2,7)		LC	9MG	22.44	132.49	84.65
SF (For use with VG1,2,7)		LO	9MK	22.44	132.49	84.65
SF (For use with VG2)		LR	9L7	20.74	130.97	81.96
SF (For use with VG2,3,7,8)		LS	9MD	24.03	130.97	81.96
SF (For use with VG3,7)		RV	9P5	17.12	132.49	84.65
SF (For use with VG2,3,7,8,9)		SF	9XH	24.78	138.65	83.70
TF (For use with VG11)		TF	9SG	6.65	105.70	66.89

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(A) Facility Interface Combinations (Cont'd)

(3) Pregram Audio Services

IC	End User	USOC	Monthly Rates Per Service Termination		Nonrecurring Charges Daily Termination First Service	Per Service Additional Service	
PG3 (For use with AP1)		PG3	9AO	$3.66	$0.36	$1129.76	$812.90
DS* (For use with AP1)		PG3	9AT	3.66	0.36	976.46	865.50
AH** (For use with AP1)		PG3	9AM	3.66	0.36	989.17	868.14
PG5 (For use with AP2)		PG5	9AV	18.82	1.88	1129.76	812.90
DS* (For use with AP2)		PG5	9A1	18.82	1.88	976.46	856.50
AH** (For use with AP2)		PG5	9AZ	18.82	1.88	989.17	868.14
PG8 (For use with AP3)		PG8	9A3	18.02	1.80	1129.76	812.90
DS* (For use with AP3)		PG8	9A6	18.02	1.80	976.46	856.50
AH** (For use with AP3)		PG8	9A4	18.02	1.80	989.17	868.14
PG1 (For use with AP4)		PG1	9A8	89.69	8.97	1129.76	812.90
DS* (For use with AP4)		PG1	9CC	89.69	8.97	976.46	856.50

* Requires intermediate DS1 to Voice Multiplexer. (One voice channel for AP1, two voice channels for AP2, three voice channels for AP3 and six voice channels for AP4.

** Requires intermediate Group to Voice Multiplexer.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(A) Facility Interface Combinations (Cont'd)

(4) Video Services

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Daily Per Service Termination First Service	Additional Service	
TV-1 (For use with TV1)		TV-15	9F5	$42.36	$17.16	$13.10 None
TV-2 (For use with TV1)		TV-15	9F6	46.16	18.11	13.10 None
TV-15 (For use with TV1)		TV-15	9BT	64.42	25.77	13.10 None
4TV-5 (For use with TV2)		4TV-5	9F7	35.33	13.36	13.10 None
6TV-5 (For use with TV2)		6TV-5	9F8	53.00	25.79	13.10 None

(5) Wideband Analog Services

ICB rates and charges apply for all interface combinations.

(6) Wideband Digital Services

ICB rates and charges apply for all interface combinations.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(A) Facility Interface Combinations (Cont'd)

(7) Digital Data Access Services

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination First Service	Additional Service
DU-24 (For use with DA1)		DU-24	9CG	None	$1207.53	$878.93
DS* (For use with DA1)		DU-24	9CN	None	1026.52	900.06
DU-48 (For use with DA2)		DU-48	9CO	None	1208.05	879.39
DS* (For use with DA2)		DU-48	9CU	None	1026.82	900.33
DU-96 (For use with DA3)		DU-96	9CW	None	1209.09	880.33
DS* (For use with DA3)		DU-96	9CJ	None	1027.33	900.79
DU-56 (For use with DA4)		DU-56	9CK	$11.71	1241.01	1086.49
DS* (For use with DA4)		DU-56	9CQ	20.40	1053.42	926.27

* Digital Data Carrier Multiplexing Equipment is required.

(8) High Capacity Services

ICB rates and charges apply for all interface combinations except as shown below.

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination First Service	Additional Service
DS-15 (For use with HC1)		DU	9C4	$530.67	$287.93	$162.00
DS-31 (For use with HC1C**)		DS-31	9UE	532.02	287.93	162.00

** Available only from an IC terminal location to another IC terminal location.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(B) Voice Grade Performance

Performance	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination First Service	Additional Service	
		VGP			
VG1			$5.72	$355.11	$187.21
VG2			5.72	355.11	187.21
VG3			5.72	355.11	187.21
VG4			5.72	361.12	189.82
VG5			2.72	355.46	189.82
VG6			5.72	361.12	189.82
VG7			5.72	361.12	189.82
VG8			5.72	364.89	189.82
VG9			5.72	364.89	189.82
VG10			5.72	355.46	189.82
VG11			5.72	361.12	189.82
VG12			5.72	361.12	189.82
VG13			5.72	355.11	187.21

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(C) Hub Functions

(1) Multiplexing

Description	USOC	Monthly Rates	Nonrecurring Charges	
DS4 to DS1 - Provides 274.176 Mbps capacity to multiplex 168 DS1 channels. (Available with HC4) - Per arrangement		MQ4	$2815.56	$1465.73
DS3 to DS1 - Provides 44.736 Mbps capacity to multiplex 28 DS1 channels. (Available with HC3) - Per arrangement		MQ3	299.92	370.68
DS2 to DS1 - Provides 6.312 Mbps capacity to multiplex 4 DS1 channels. (Available with HC2) - Per arrangement		MQ2	99.92	182.96
DS1C to DS1 - Provides 3.152 Mbps capacity to multiplex 2 DS1 channels. (Available with HC1C) - Per arrangement		MQC	20.69	167.32
DS1 to Voice or Digital Data - Provides 1.544 Mbps capacity to multiplex 24 Voice or Digital Data grade channels. (Available with HC1) - Per arrangement		MQ1	103.24	151.68
Voice to Narrowband - Provides voice grade capacity to multiplex NB4 and NB5 channels. (Available with VG6) - Per arrangement		MQX	249.43	292.47

ICB rates and charges apply for all other Multiplexing arrangements except for Digital Data Multiplexing as shown following.

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(C) Hub Functions (Cont'd)

(1) Multiplexing (Cont'd)

Description	USOC	Monthly Rates	Nonrecurring Charges Initial	Subsequent
Digital Data Multiplexing:				
Carrier Multiplexing Unit - Provides 1.544 Mbps capacity to multiplex 23 64 kbps channels.				
- Per unit		QMU	$150.95	$140.47	None
Carrier Multiplexing Plug-Ins				
- Per 64 kbps channel equipped		QP1	1.56	53.09	$135.20
Carrier Sub-Multiplexing Unit - Provides 64 kbps capacity to multiplex subspeed Digital Data Access Services.				
- Per unit				
-20 2.4 kbps services		QSU24	146.39	88.66	167.03
-10 4.8 kbps services		QSU48	75.45	70.88	151.12
- 5 9.6 kbps services		QSU96	52.45	70.88	151.12

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(C) Hub Functions (Cont'd)

(2) Bridging

Description	USOC	Monthly Rates	Nonrecurring Charges	
Narrowband Bridges				
Two-wire Bridging (Available with NB1-3) - Per Port		BCNN2	$3.19	$5.25
Telegraph Bridging (Available with NB4,5)				
- Two Wire, per Port		BCNT2	3.19	6.29
- Four Wire, per Port		BCNT4	3.19	10.45
Voice Grade Bridges				
Voice Bridging (Available with VG2,12,13)				
- Two Wire, per Port		BCNV2	3.19	6.29
- Four Wire, per Port		BCNV4	3.19	10.45
Data Bridging (Available with VG5,6,10,13)				
- Two Wire, per Port		BCND2	5.27	6.29
- Four Wire, per Port		BCND4	5.27	10.45
Telephoto Bridging (Available with VG11)				
- Two Wire, per Port		BCNF2	6.59	6.29
- Four Wire, per Port		BCNF4	6.59	10.45
DATAPHONE Select-A-Station Bridging (Available with VG5)				
Sequential Arrangement Ports				
- Per 2-wire channel connected		DQ2	24.44	6.29
- Per 4-wire channel connected		DQ4	129.81	10.45
Addressable Arrangement Ports				
- Per 2-wire channel connected		KQ2	26.21	6.29
- Per 4-wire channel connected		KQ4	133.35	10.45

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd)

5A.4.3 Features and Functions (Cont'd)

(C) Hub Functions (Cont'd)

(2) Bridging (Cont'd)

Description	USOC	Monthly Rates	Daily Rates	Nonrecurring Charges		
Voice Grade Bridges (Cont'd)						
Telemetry and Alarm Bridging						
Split Band, Active Bridging Channel connections - Per channel connected		CNLRX	$9.26	-	$6.29	
Passive Bridging Channel connections - Per channel connected		BCNTP	.84	-	6.29	
Summation, Active Bridging Channel connections - Per channel connected		BCNSA	1.57	-	6.29	
Program Audio* Bridges (Available with AP1-4) - Per Bridge		BCNPA	42.00	$4.20	35.39	(C)
Digital Data Access Bridges (Available with DA1-4) - Per Port		BCNDA	7.72	-	10.45	

* Effective December 19, 2013 Program Audio Services are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service will not be permitted. (C)

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd) (C)

5A.4.3 Features and Functions (Cont'd)

(D) Optional Features and Functions

(1) Voice Grade Services

Conditioning

	USOC	Monthly Rates	Nonrecurring Charges Initial	Subsequent	
C-Type Conditioning - Per Two-Point Service or each section (midlink or end link of a Multipoint Service		X1C	$6.55	$11.04	$682.95
DA-Type Conditioning - Per Two-Point Service or each section (midlink or end link or a Multipoint Service		XDC	1.46	9.43	681.34
Telephoto Conditioning - Per Two-Point Service or each section (midlink or end link or a Multipoint Service		XTC	3.23	9.13	681.04
Improved Return Loss					
For effective 2-wire transmission at the end user premises - Per end user premises, per service		1RL2W	1.95	13.59	39.80
At 4-wire point of interface, applicable to each 2-wire let of effective 4-wire channel - Per IC terminal location, per service		1RL4W	1.95	24.68	50.89
IC specified end user premises receive level within a range acceptable to the Telephone Company on effective 4-wire transmission - Per end user premises, per service		RLS	None	9.63	35.84

(C) Indicates Change
Issued: May 13, 1994
Effective: July 13, 1994

SPECIAL FACILITIES FOR INTRASTATE ACCESS
(Former Contel Territory)

5A.4 Rates and Charges (Cont'd)

5A.4.3 Features and Functions (Cont'd)

(D) Optional Features and Functions (Cont')

(2) Program Audio Services* (Grandfathered effective 12/19/13) (C)

	USOC	Monthly Rates	Daily Rates	Nonrecurring Charges Initial	Nonrecurring Charges Subsequent
Gain Conditioning - Per Service	XGC	$4.32	$0.43	$57.62	$338.95
Stereo Conditioning - Per Service	XSC	None	None	57.62	338.95

(3) Digital Data Access Services

Loop Transfer Arrangement - Per arrangement	XTD	16.92	-	87.96	186.33

(4) High Capacity Services

Automatic Protection Switching - Per arrangement	APP	281.15	-	68.27	159.66

5A.4.4 Special Access Lines

2-Wire	EUC2X	34.28	3.35*
	*For use with AP1-4		
4-Wire	EUC4X	54.20	-
TV	EUCTV	292.45	249.16
DS1	EOW	110.83	-

ICB Rates and Charges apply to all other Special Access Lines.

Optional Feature: Hybrid Provides conversion from 4-wire SAL to 2-wire termination at end user premises	HBC	5.36		13.59	13.59
Special Access Service Surcharge	S25	25.00			

* Effective December 19, 2013 Program Audio Services are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service will not be permitted. (C)