

TARIFF DISTRIBUTION

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Title page 1 and pages 1 to 41-5 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63 64, and 65 contain all changes from the original tariff that are in effect on the date hereof.

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2. General Regulations (Cont'd)2.7 Definitions (Cont'd)Facility Interface

See Point of Termination.

Facility Signaling Point of Interconnection (FSPOI)

Denotes a Telephone Company-designated transport termination facility used in connection with the provisioning of a STP Access Link used for CCS/SS7 Interconnection Service.

(N)
|
(N)

Feature Group

Denotes a category of Switched Access Service differentiated by the technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company entry switch.

Field Identifier (FID)

Denotes a two to four character alphanumeric code used to identify data, give instructions, or associate data that is to be processed as a group.

First Come - First Served

Denotes the practice for processing access orders. The first access order received will be the first access order processed.

First Point of Switching

Denotes the first Telephone Company location at which switching occurs on the terminating path of a call proceeding from the customer premises to the terminating end office and, at the same time, the last Telephone Company location at which switching occurs on the originating path of a call proceeding from the originating end office to the customer premises.

Frequency Shift

Denotes the change in the frequency of a tone as it is transmitted over a channel.

Gateway Network Element (GNE)

Denotes the network element that provides message concentration for an X.25 data communication network. The GNE provides an X.25 virtual circuit, between the network and the operational support system, which is used to transport messages to and from the operation support system and other subtending SONET network elements on the network. The data communication channel is used to transport the messages within the SONET network.

Grandfathered

Denotes Terminal Equipment, Multiline Terminating Systems and Protective Circuitry directly connected to the facilities previously utilized to provide services under the provisions of this tariff, and which are considered grandfathered under Part 68 of the F.C.C.'s Rules and Regulations.

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5. Ordering for Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Ordering Requirements (Cont'd)(N) Carrier Identification Code Parameter (CIP)

The Customer must specify per trunk group or tandem, and all associated Carrier Identification Codes, the end offices that will be used to pass originating Carrier Identification Code Parameter (CIP) to the Customer's designated premises. The Customer's end office must be equipped with SS7 Signaling and is provided in conjunction with Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service as set forth in Section 23. End offices so equipped may be found in National Exchange Carrier Association Tariff F.C.C. No. 4.

(O) Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service

The Customer must specify the: (T)

- Number of access links
- Link Type
- Signaling Link Code
- Customer Signaling Point Code (T)
- Common Language Location Identifier (CLLI) codes of both the Telephone Company's interconnecting STP and the FSPOI, if applicable (C)
- Contact telephone number for installation and maintenance of the customer's designated premises (C)

The Customer's designated premises and the Telephone Company's STP must be in the same LATA unless that LATA STP has been removed through consolidation and rehomings. If the LATA STP has been removed through consolidation and rehomings, the Customer's designated premises and the Telephone Company's designated LATA FSPOI must be in the same LATA. (C)

In addition, the Customer will provide an estimate of total annual volume and busy hour busy month volume projected for a period of three years. The forecast should be itemized by message type. The Telephone Company will utilize this forecast in its own efforts to project further facility requirements. (T)

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5. Ordering for Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.4 Selection of Facilities for Access Orders

When there are analog or digital high capacity facilities to the Customer's serving wire center for Switched Access, to a hub for (T) Special Access, MegaLink Custom Services or STN(s), or when there are digital high capacity facilities to an interconnecting STP or (C) FSP/POI for CCS/SS7 Interconnection Service, the Customer must (C) specify a channel assignment for each service ordered. In addition, when a Customer requests a Service Facility Move (SFM) (T) or Reconfiguration, the Connecting Facility Assignments (CFAs) or specific point of termination (for interconnection cross connects) must be specified for the facilities involved in the SFM or Reconfiguration for each service. The Customer will (T) provide this information to the Telephone Company/Interconnector during the order process.

For all other access orders, the option to request a specific transmission path or channel is not provided except as described (D) in Section 27.

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23. Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service (Cont'd)23.2 Service Provisioning23.2.1 Manner of Provisioning

CCS/SS7 Interconnection Service is provisioned as a Switched Access Service in accordance with Southwestern Bell Telephone Company Common Channel Signaling/Signaling System 7 Network Interface Requirements TP-76638 and Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. The Reference to Technical Publications section of this tariff contains ordering information for these publications.

The Customer may utilize an existing DS1 (1.544 Mbps) facility for CCS/SS7 Interconnection Service. If the Customer does not have existing DS1 (1.544 Mbps) facilities available for use with CCS/SS7 Interconnection Service, the Customer must order a Switched Transport DS1 (1.544 Mbps) facility and Multiplexing feature from Section 6. The Switched Transport DS1 facility must consist of a Entrance Facility and a Direct-Trunked Transport Facility as described in Section 6.5. The Entrance Facility will provide the dedicated connection from the Customer's premises to the Telephone Company's serving wire center for that premises. The Direct-Trunk Transport Facility will provide the transmission facilities between the serving wire center of the Customer designated premises and the Telephone Company designated hub. Multiplexing from 1.544 Mbps to 56 kbps will occur at the Telephone Company designated hub.

CCS/SS7 Interconnection Service is provisioned in A-Link pairs (multiples of 2) or B/D-Link Quads (multiples of 4). Either of two architecture configurations may be used:

- A-Links connect a Customer's Signaling Point with a Telephone Company mated Signaling Transfer Point pair per LATA and must be provisioned using a FSPOI if the LATA STP has been removed through consolidation and rehomng. (T) (C) (C) (C)
- B/D-Links connect a Customer's mated STP pair to a Telephone Company mated STP pair per LATA and must be provisioned using a FSPOI if the LATA STP has been removed through consolidation and rehomng. (T) (C) (C) (C)

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23. Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service (Cont'd)

23.2 Service Provisioning (Cont'd)

23.2.1 Manner of Provisioning (Cont'd)

One STP Port Termination is required for each 56 kbps access link utilized for CCS/SS7 Interconnection Service and will be installed at the Telephone Company interconnecting STP. A Customer Signaling Point Code will also be translated at the Telephone Company interconnecting STP. STP and FSPOI locations are set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. (C)

CCS/SS7 Interconnection Service ordering or modification provisions will apply as set forth in Section 5. Multiple orders for this service shall be cross-related and shall identify the customer's desired diversity requirements. (D)

The Access Order Charge applicable for Switched Access will apply per Access Order for the installation, addition, change or rearrangement of CCS/SS7 Interconnection Service.

Outbound Messaging Application may only be used with the Outbound Messaging Application Customer's provision of services to subscribers and may only be used in conjunction with SS7 as described above.

When a STP Access Link used to provide CCS/SS7 Interconnection Service is provisioned using a FSPOI, the STP Access Link is ordered from the Customer's designated premises to a Telephone Company-designated FSPOI. FSPOIs are deployed only in LATAs where the Telephone Company has removed an STP pair through consolidation and rehomings. (N)

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23. Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service (Cont'd)23.2 Service Provisioning (Cont'd)23.2.6 Forecast Report

The Customer shall furnish to the Telephone Company, (T)
at the time CCS/SS7 Interconnection Service is ordered
and annually thereafter, an updated three year
forecast of usage for the DS1 (1.544 Mbps) facility,
the STP Access Link and the STP Port Termination. The
forecast shall include total annual volume and busy
hour busy month volume. The Telephone Company will
utilize the forecast in its own efforts to project
further facility requirements.

23.2.7 Consolidation of STPs

(N)

When the Telephone Company consolidates its Common
Channel Signaling (CCS) Network to reduce its number of
STP pairs, Customer changes in CCS/SS7 Interconnection
Service and translations will be required.

The Telephone Company will establish schedules for any
consolidation, and will work cooperatively with
existing Customers to establish dates by which
necessary changes in facilities and translations will
be completed. However, all of an existing Customer's
CCS/SS7 Interconnection Service in a LATA must be
connected to the new serving arrangement, or
disconnected no later than the date established by the
Telephone Company for the consolidation.

In order to avoid duplicate charges for STP Access
Links being rehomed, Customers who move STP Access
Links will need to place "add" and "disconnect" orders
with the same Due Date. The Connecting Facility
Assignment (CFA) on the "add" order must be the same as
the one on the "disconnect" order for Customers who
order new links to the FSPOI.

The conversion to the consolidated architecture may
require existing Customers to use duplicate STP Access
Links and STP ports at the time of conversion to assure
continuity of service. Where needed, such redundancy
will include the Customer's existing CCS/SS7
Interconnection Service as well as the new CCS/SS7
Interconnection Service between the Customer and the
new STP. However, a Customer may have CCS/SS7
Interconnection Service under both the existing
arrangement and the new arrangement pursuant only to
the conversion schedule established by the Telephone
Company. Existing facilities no longer required after
all of a Customer's facilities have been converted must
be disconnected within 60 days of the completion of
such conversion. Requests from existing Customers for
augmentation of existing capacity in a LATA will be
converted to the new serving arrangement in accordance
with the Telephone Company's conversion schedule.
Otherwise, requests for new service will be connected
to the new serving arrangement regardless of when
ordered.

(N)

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ACCESS SERVICE

23. Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service (Cont'd)23.2 Service Provisioning (Cont'd)23.2.7 Consolidation of STPs (Cont'd)

Recurring and nonrecurring charge credits will apply to the installation of new CCS/SS7 Interconnection Service associated with the Telephone Company's STP consolidation as follows: Recurring charge credits will apply for new STP Access Links and STP ports provided by the Telephone Company for the period of time beginning with the installation of the new connections until the earlier of 1) the disconnection of the first pair or quad of existing connections which has traffic being converted to the new arrangement, or 2) 60 days following the completion of the conversion. Both nonrecurring and recurring charge credits will apply to any new CCS/SS7 Interconnection Service that is required by the consolidation of traffic from other LATAs for the period of time beginning with the installation of the new CCS/SS7 Interconnection Service until the earlier of 1) the disconnection of the first pair or quad of existing connections that have traffic being converted to the new connections, or 2) four months after installation of the new connections. (N)

Due to billing system constraints, all recurring and nonrecurring charges will be billed, but appropriate credits will be applied to the Customer's bill after the associated existing facilities are disconnected. (N)

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ACCESS SERVICE

23. Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service (Cont'd)23.3 Rate Regulations (Cont'd)23.3.1 Rate Categories

The following rate elements apply to CCS/SS7 Interconnection Service:

- Switched Transport DS1 (1.544 Mbps) Facility (optional) (described in (A) following),
- STP Access Link (described in (B) following), and
- STP Port Termination (described in (C) following)

(A) Switched Transport DS1 (1.544 Mbps) Facility

The Switched Transport DS1 (1.544 Mbps) facility provides the facilities between the Customer's (T) premises and the Telephone Company designated hub and is composed of a Switched Transport Entrance Facility, Direct-Trunked Transport Facility and a Multiplexing feature. The monthly recurring rates and nonrecurring charges for Switched Transport DS1 (1.544 Mbps) Entrance Facility, Direct-Trunked Transport Facility and Multiplexing feature are those contained in Section 6.9.2. The DS1 capability can optionally (D) be provided per a shared use DS1 as specified in Sections 7.2.10 or 20.4.11. (T)

(B) STP Access Link

The STP Access Link rate element provides for the 56 kbps transmission facilities between a Telephone Company designated hub and the Telephone Company interconnecting STP. STP (N) Access Links must be provisioned using a FSPOI | if the LATA STP has been removed through (N) consolidation and rehomeing.

STP Access Link is calculated according to mileage band. There are two rates that apply per band, i.e., a fixed monthly rate per mileage band and a monthly rate per mile.

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ACCESS SERVICE

23. Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service (Cont'd)

23.3 Rate Regulations (Cont'd)

23.3.3 Monthly Rates

Monthly rates are fixed recurring rates that apply each month, or fraction thereof, that a specific rate element is provided. For billing purposes, each month is considered to have thirty (30) days.

CCS/SS7 Interconnection Service is a Switched Access Transport Service; however, it is not subject to the usage charges specified in Section 3 and Local Switching as specified in Section 6. (D)
(D)

(A) STP Access Link

A fixed monthly rate applies, per mileage band, for each 56 kbps access link between the Telephone Company designated hub, where multiplexing from DS1 (1.544 Mbps) to a 56 kbps circuit occurs, and the Telephone Company interconnecting STP. If ordering to a FSPOI, a fixed monthly rate applies, per mileage band, from the serving wire center associated with a Customer-designated premises and the Telephone Company-designated Central Office FSPOI equipment. (N)
(N)

A monthly rate per mile applies to each airline mile between the Telephone Company-designated hub, where multiplexing from DS1 (1.544 Mbps) to a 56 kbps circuit occurs, and the Telephone Company interconnecting STP. If ordering to a FSPOI, a monthly rate per mile applies to each airline mile between the serving wire center associated with a Customer-designated premises and the Telephone Company-designated Central Office FSPOI equipment. (N)
(N)

(B) STP Port Termination

A monthly rate applies for each STP Port Termination installed at the Telephone Company interconnecting STP.

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ACCESS SERVICE

23. Common Channel Signaling/Signaling System 7 (CCS/SS7) Interconnection Service (Cont'd)23.3 Rate Regulations (Cont'd)23.3.4 Determining Mileage and Charges

The mileage to be used to determine the monthly rate, per mile, for the DS1 (1.544 Mbps) facility and the STP Access Link is calculated on the airline distance between the locations involved, i.e., the serving wire center associated with the Customer's premises and the Telephone Company designated hub, or the Telephone Company designated hub and the Telephone Company interconnecting STP. (T)

When the STP Access Link used to provide CCS/SS7 Interconnection Service is provisioned using a FSPOI, the Mileage rate category provides for the transmission facilities between the serving wire center associated with a Customer-designated premises and the Telephone Company-designated Central Office FSPOI equipment necessary to terminate the STP Access Link. (N)

Mileage is shown in terms of mileage bands as specified in Section 23.4. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4, then determine which band (0 miles or over 0 miles) that computed mileage falls and apply the rate shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates. (T) (D)

23.3.5 Minimum Period

CCS/SS7 Interconnection Service is provided for a minimum period of one month. When service is disconnected prior to the expiration of the minimum period, monthly charges are applicable for the balance of the minimum period.

If service is disconnected after the minimum period, monthly charges will be based on the actual number of days the service is furnished. In order to determine the charges for a fractional portion of a month, every month is considered to have 30 days.

23.3.6 Moves

The regulations for moves and application of charges are set forth in Section 6.8.10. (T)

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