

ACCESS SERVICE

8. Common Channel Signaling System 7 (CCS/SS7) (T)8.1 General8.1.1 Service Description

Common Channel Signaling System 7 (CCS/SS7) Service, provides a dedicated two-way signaling path between the customer designated premises and a Telephone Company interconnecting Signal Transfer Point (STP). The customer's designated premises and the Telephone Company's STP must be in the same LATA. CCS/SS7 Service provides interconnection with the Telephone Company's CCS/SS7 network and can be used to access Telephone Company services as they become available and as facilities permit. CCS/SS7 Service is provisioned as a Switched Access Service in accordance with Technical Publications TR-TSY-000606 and TR-TSV-000905. The Reference to Technical Publications section of this tariff contains ordering information for these publications. (T)

8.1.2 Manner of Provisioning(A) CCS/SS7 Interconnection Service (N)

Special Access High Capacity Service must be provided in conjunction with CCS/SS7 Interconnection Service. The access link facilities for CCS/SS7 Interconnection Service will be provisioned as a Special Access High Capacity DS1 (1.544 Mbps) channel at the customer designated premises multiplexed to a 56 Kbps circuit. The link facilities for CCS/SS7 Interconnection Service will be provided as A-Links or B/D Links.

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. STP locations are set forth in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4.

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8. Common Channel Signaling System 7 (CCS/SS7) (Cont'd) (T)

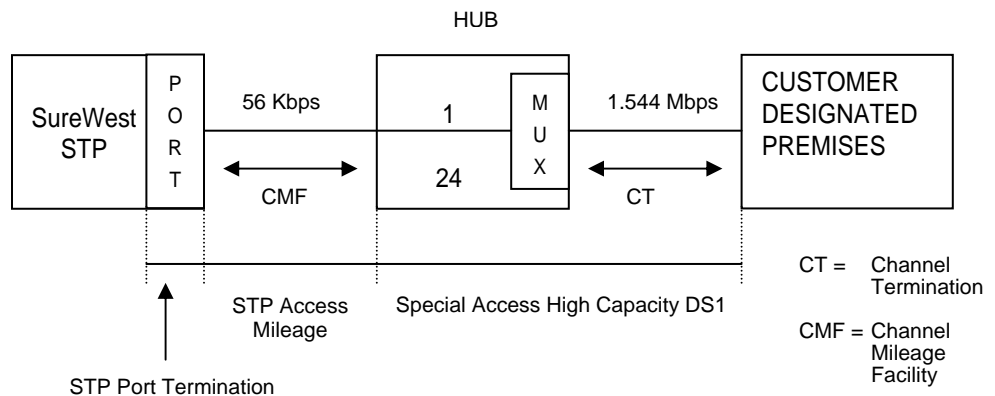
8.1 General (Cont'd)

8.1.2 Manner of Provisioning (Cont'd)

(A) CCS/SS7 Interconnection Service (Cont'd) (N)

The following diagram illustrates CCS/SS7 Interconnection Service:

CCS/SS7 INTERCONNECTION SERVICE



(B) SS7 Trunk Signaling (N)

The customer may request the Telephone Company to transport ISUP SS7 messages and /or TCAP/CLASS messages in lieu of having their own STP connection that utilizes CCS/SS7 interconnection service.

A signaling path for transport will be established on the Telephone Company's existing CCS/SS7 interconnection with its STP provider. This signaling path is established between the customer's Originating Point Code (OPC) and Common Language Location Identifier (CLLI) Code and the Destination Point Code (DPC) and CLLI Code.

Material omitted now located on Original Sheet 236.1

(Continued)

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8. Common Channel Signaling System 7 (CCS/SS7) (Cont'd) (T)

8.1 General (Cont'd)

8.1.3 Rate Elements

(A) CCS/SS7 Interconnection Service (N) (L)

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

(1) Signaling Network Access Link (SNAL) (T)

The SNAL is a 56 Kbps digital data transmission facility between a designated Telephone Company Hub and the Telephone Company interconnecting STP.

The cost of this facility is recovered through the channel mileage in the categories as described in Section 7.1.2(B) preceding. (L)

(2) STP Port Termination (T) (L1)

The STP Port Termination rate element provides for the termination of the customer's 56 kbps circuit. One STP Port Termination must be installed at the Telephone Company interconnecting STP for each 56 kbps circuit.

There are two charges that apply to the STP Port Termination, i.e., a fixed recurring monthly rate per port termination and a nonrecurring installation charge per port. (L1)

(L) Material formerly located on 1st Revised Sheet 236.

(L1) Material formerly located on 1st Revised Sheet 237.

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8. Common Channel Signaling System 7 (CCS/SS7) (Cont'd) (T)8.1 General (Cont'd)8.1.3 Rate Elements (Cont'd)(B) SS7 Trunk Signaling (N)

The SS7 Trunk Signaling rate element applies per signaling path. A path is established between any combination of OPC/CLLI code and DPC/CLLI code.

(N)
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(N)8.1.4 Ordering Options and Conditions

CCS/SS7 Service is ordered under the Access Order provisions set forth in Section 5 preceding. The Access Order Charge applicable for Switched Access will apply per Access Order for the installation, addition, change or rearrangement of CCS/ Service. Other charges associated with the ordering of CCS/SS7 Service are applicable as specified in Section 5 preceding.

(T)
(T)
(T)8.2 Transmission Specifications

Transmission specifications for CCS/SS7 Service are set forth in Technical Publications TR-TSY-000606 and TR-TSV-000905. The Reference to Technical Publications section of this Tariff contains ordering information for these publications.

(T)

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff and the appropriate Technical Reference Publication.

Material omitted now located on Original Sheet 236.1.

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

8.3 Acceptance Testing

At the customer's request, the Telephone Company will, at no additional charge, cooperatively test at the time of installation, the parameters, as specified in Technical Publications TR-TSY-000606 and TR-TSV-000905. The Reference to Technical Publications section of this Tariff contains ordering information for these publications.

8.4 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in Section 2 preceding, the Telephone Company has certain other obligations pertaining to the provision of CCS/SS7 Interconnection Service. These obligations are as follows:

8.4.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. The Telephone Company maintains the right to apply protective controls which would generally be applied as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3), except as specified in 2.4.4(C) preceding.

8.4.2 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company, through its own service evaluation routines, may be made available to the customer. This data provides information on STP Port availability. This data does not include service performance data which is provided under other tariff sections, e.g., testing service results. If the data is to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

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8. Common Channel Signaling System 7 (CCS/SS7) Interconnection Service (Cont'd)8.5 Obligations of the Customer

In addition to the obligations of the customer set forth in Section 2 preceding, the customer has certain other obligations pertaining to the use of CCS/SS7 Interconnection Service. These obligations are as follows:

8.5.1 Forecast Report

The customer shall furnish to the Telephone Company, at the time CCS/SS7 Interconnection is ordered and annually thereafter, an updated three year forecast of usage for 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.

8.6 Rate Regulations

This section contains specific regulations governing the rates and charges that apply for CCS/SS7 Interconnection Service.

8.6.1 Description of Rates and Charges

There are two types of rates and charges which apply to CCS/SS7 Interconnection Service. They are monthly recurring rates, and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth below. For billing purposes, each month is considered to have 30 days.

(A) Monthly Rates

Monthly rates are fixed recurring rates that apply each month, or fraction thereof, that a specific rate element is provided.

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8. Common Channel Signaling System 7 (CCS/SS7) Interconnection Service (Cont'd)8.6 Rate Regulations (Cont'd)8.6.1 Description of Rates and Charges (Cont'd)(B) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation of a service or rearrangement of an existing service).

Charges for the rearrangement of CCS/SS7 Interconnection Service are set forth in 6.7.1(C) preceding.

Rates and charges for the Special Access High Capacity DS1 (1.544 Mbps) Service and the Special Access multiplexing arrangements are contained in Section 17.2.7 following.

8.6.2 Application of Rates and Charges

Rates and charges for the Signaling Network Access Link and the STP Port Termination apply as follows:

(A) Signaling Network Access Link

A fixed monthly rate applies for each 56 kbps access link between the Telephone Company Hub, where multiplexing from DS1 (1.544 Mbps) to a 56 kbps circuit occurs, and the Telephone Company interconnecting STP.

A monthly rate per mile applies to each airline mile between the Telephone Company Hub, where multiplexing from DS1 (1.544 Mbps) to a 56 kbps circuit occurs, and the Telephone Company interconnecting STP. Rates charges are as set forth in Section 17.1.5(A) following.

(B) STP Port Termination

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

A nonrecurring charge applies for the installation of each STP Port Termination at the Telephone Company interconnecting STP. Rates and charges are as set forth in Section 17.1.5(B) following.

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8. Common Channel Signaling System 7 (CCS/SS7) Interconnection Service (Cont'd)8.6 Rate Regulations (Cont'd)8.6.3 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, as set forth following. For the purpose of administering this regulation, with respect to the determination of charges for a fractional part of a month, every month is considered to have 30 days.

8.6.4 Moves

The regulations for moves and application of charges are set forth in Section 6.7.4 preceding.

8.6.5 Mileage Measurement

The mileage to be used to determine the monthly rate for the Signaling Network Access Link is calculated on the airline distance between the locations involved, i.e., the Telephone Company Hub and the Telephone Company interconnecting STP. Mileage is calculated as set forth in Section 7.1.2(B) preceding.

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