

CENTRALIZED EQUAL ACCESS SERVICE

## CHECK SHEET

Title Page 1 and Pages 1 to 15-10, inclusive, of this tariff are effective as of the date shown. Original and revised pages as named below contain all changes from the original tariff that are in effect on the date hereof.

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1	11th*	2-18	original	2-48	original
1.1	12th *	2-19	original	2-49	original
2	original	2-20	original	3-1	original
3	original	2-21	original	4-1	original
4	3rd	2-22	original	5-1	original
5	1st	2-23	original	5-2	original
6	2nd	2-24	original	5-3	original
7	original	2-25	original	5-4	original
8	original	2-26	original	5-5	original
9	original	2-27	original	5-6	original
10	original	2-28	original	5-6.1	2nd
11	original	2-29	original	5-7	original
12	1st	2-30	original	5-8	original
13	2nd	2-31	original	5-9	original
14	1st	2-32	original	5-10	original
15	1st	2-33	original	5-11	original
16	1st	2-34	original	5-12	original
1-1	1st			5-13	original
2-1	original	2-35.1	original	5-14	original
2-2	original	2-36	original	5-15	original
2-3	original	2-37	1st	5-16	1st
2-4	original	2-37.1	original	5-16.1	original
2-5	original	2-38	original	5-17	original
2-6	original	2-39	original	5-18	original
2-7	original	2-40	1st	5-19	original
2-8	original	2-40.1	original	5-20	1st
2-9	original	2-41	Original	6-1	1st
2-10	original	2-42	original	6-2	original
2-11	original	2-43	original	6-3	1st
2-12	original	2-44	original	6-3.1	original
2-13	original	2-45	1st	6-3.2	original
2-14	original	2-46	1st	6-3.3	original
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10300 Sixth Avenue North

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6-5	3rd	6-35.2	original	13-1	original
6-6	3rd *	6-36	1st	13-2	original
6-7	original	6-36.1	original	13-3	original
6-8	1st	6-37	original	13-4	original
6-9	original	6-38	original	13-5	original
6-10	1st	6-39	original	13-6	original
6-11	Original	6-40	original	13-7	original
6-12	1st	6-41	original	13-8	original
6-13	2nd	6-42	original	13-9	original
6-14	4th	6-43	original	13-10	original
6-14.1	2nd	6-44	original	13-11	original
6-15	original	6-45	original	13-12	original
6-15.1	1st *	6-45.1	original	13-13	original
6-15.2	1st *	6-46	1st	13-14	original
6-15.3	1st *	6-47	original	14-1	original
6-15.4	1st *	6-48	original	15-1	original
6-16	original	6-49	original	15-2	original
6-17	original	6-50	original	15-3	original
6-18	1st	6-51	original	15-4	original
6-19	original	6-52	original	15-5	original
6-20	original	6-53	1st	15-6	original
6-21	original	6-54	original	15-7	original
6-22	original	6-55	10th	15-8	original
6-23	original	6-56	1st *	15-9	original
6-24	original	7-1	original	15-10	original
6-25	original	8-1	1st		
6-26	original	9-1	2nd		
6-27	original	9-2	2nd		
6-28	original	9-3	2nd		
6-29	original	9-4	2nd		
6-30	1st	10-1	original		
6-31	original	11-1	original		
6-32	original				
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\* New or Revised Page

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**CENTRALIZED EQUAL ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories

There are four rate categories which apply to the (C) provision of Switched Access Service: (X)(C)

Switched Transport (described in Section 6.1.3(A) following)

Non-chargeable Optional Features (described in 6.1.3(B) following)

Chargeable Optional Features (described in Section 6.1.3(C) following)

Common Channel Signaling Service (described in Section 6.1.3(D)) (S)(Y)

The following diagram depicts a generic view of how Centralized Equal Access Service is combined with the service of the Routing Exchange Carriers set forth in Section 9 following to provide a complete Switched Access Service.

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(S)(Y)

CENTRALIZED EQUAL ACCESS SERVICE

## 6. Switched Access Service (Cont'd)

## 6.1 General (Cont'd)

## 6.1.3 Rate Categories (Cont'd)

## (D) Common Channel Signaling Service

Common Channel Signaling (CCS) is a protocol suite that allows for out-of-band signaling for voice and data message services. Signaling System Seven (SS7) is currently a widely deployed CCS protocol. The Company's CCS network is a digital data network carrying signaling information, which interfaces with the voice/data network. To ensure network reliability, Signal Transfer Points (STPs) are deployed in geographically dispersed mated pairs. STP access requires interconnection to ports of both STPs of the mated pair.

(S)(Y)  
(C)(X)  
(S)(Y)

(S)(Y)

(D)(X)

(S)(Y)

The STP provides translations and routing functions for SS7 signaling messages received from the Company's network signaling points and the SS7 networks of other entities. There are two types of signaling messages. ISDN User Part (ISUP) messages are used for call set-up. This type of signaling allows a customer to send originating and terminating call set-up signaling information between the customer's designated premises, the Company's STP and other entities. The second type of signaling is Transaction Capabilities Application Part (TCAP) messages. TCAP messages are used to carry information between signaling points for call related databases.

(S)(Y)

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**CENTRALIZED EQUAL ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D) Common Channel Signaling Service (Cont'd)

(S)(Y)

(1) B-Link Interconnection Service

Bridging Links (B-Links) service describes the Customer provided quad (4) links that connect peer pairs of STPs. These links carry signaling messages beyond their initial point of entry to a STP of another SS7 network. The Company's charges for B-Link Interconnection service consist of a monthly STP port charge and message usage charges.\* The charges are set forth in Section 6.8.3. The message usage charges apply only where the Company incurs usage charges as a result of interconnection with other SS7 providers. The message usage charge is assessed at the rates set forth in Section 6.8.3 following.

(C)(X)

(D)(X)

(S)(Y)

(C)(X)

(N)

(C)(X)

(D)(X)

(S)(X)

\* Material omitted from this page now covered on Page 6-15.3.

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**CENTRALIZED EQUAL ACCESS SERVICE**

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D) Common Channel Signaling Service (Cont'd)

(D) (X)

(D) (X)

(2) Connectivity Link

(N)

The customer must have connectivity to the Company's STP.\* To connect to the Company STP through a port, the customer must provide a telecommunications facility or link that provides a bi-directional transmission and operates at a DSO level. This link is utilized exclusively for connecting the customer's CCS network and the Company's CCS network for the transmission of network control signaling data.

(C) (X)

(4) Message Usage Charges

Message charges are assessed based on the type of message protocol, ISUP or TCAP. ISUP messages are for call set-up and TCAP are related to call related databases. ISUP message are charged on a per call request and TCAP messages are charged per data request.

\* Certain material on this page previously covered on page 6-15.2.

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CENTRALIZED EQUAL ACCESS SERVICE6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(D) Common Channel Signaling Service (Cont'd)

(S)(Y)

(4) Message Usage Charges (Cont'd)

The specific rate elements are as follows:

Signal Formulation: This charge is applied per call set-up request for the formulation of a signal message. The Signal Formulation charge is at the rate set forth in Section 6.8.3 following.

(S)(Y)  
(C)(X)  
(C)(X)

Signal Transport: An ISUP signal transport charge is applied per call set-up request for signaling messages transported to or from the Company STP in association with call set-up. A TCAP signal transport charge is applied per data request transported to or from the Company STP and the destined foreign database. The Signal Transport charges are set forth in Section 6.8.3 following.

(S)(Y)

(S)(Y)  
(C)(X),  
(S)(Y)

Signal Switching: An ISUP signal switching charge is applied per call set-up request that is switched at the Company STP. A TCAP signal switching charge is applied for each data request that is switched by the Company STP and destined for a foreign database or network. The Signal Switching charges are set forth in Section 6.8.3 following.

(S)(Y)  
(C)(X)  
(C)(X)

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CENTRALIZED EQUAL ACCESS SERVICE6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.3 Common Channel Signaling Service Charges

(S)(Y)

(A) B-Link ServiceMonthly Recurring

STP Per Port

\$1,200.00

(S)(Y)

(B) Message Usage Charges

(N)

(C)(X)

Signal Formulation, per  
call setup request

\$.0009

Signal Transport

ISUP, per call set-up request \$.0006

TCAP, per data request \$.000418

Signal Switching

ISUP, per call set-up request \$.002

TCAP, per data request \$.000046

(C)(X)

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