
 ACCESS SERVICE

CHECK SHEET (Cont'd)

Title Page 1 and Pages 1 to 16-16 inclusive of this tariff, including Supplements Nos. 1 and 2, are effective as of the date shown. Original and revised pages, as named below are in effect on the date indicated.

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1	38th *	2-1	Original	2-22	Original
2	2nd *	2-2	Original	2-23	Original
3	Original	2-3	Original	2-24	Original
4	34th *	2-4	Original	2-25	Original
5	Original	2-5	Original	2-26	Original
		2-6	Original	2-27	Original
6	Original	2-7	Original	2-28	Original
7	1st	2-8	Original	2-29	Original
8	Original	2-9	Original	2-30	Original
9	Original	2-10	Original	2-31	Original
10	Original	2-10.1	Original	2-32	Original
11	Original	2-10.2	Original	2-33	Original
12	1st	2-10.3	Original	2-34	Original
13	Original	2-10.4	Original	2-35	Original
14	Original	2-11	1st	2-36	Original
15	Original	2-12	Original	2-37	Original
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17	Original	2-14	Original	2-39	Original
18	1st	2-15	Original	2-40	Original
19	Original	2-16	1st	2-41	Original
20	Original	2-17	Original	2-42	Original
21	Original	2-18	Original	2-43	1st
22	Original	2-19	Original	2-43.1	Original
		2-20	1st *	2-44	2nd
		2-20.1	1st *		
		2-20.2	Original *	3-1	1st
		2-20.3	Original *	3-2	Original
		2-20.4	Original *	3-3	2nd
		2-20.5	Original *	3-4	Original
		2-20.6	Original *	3-5	Original
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*New or Revised Page

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ACCESS SERVICE

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4-20	Original	4-50	Original	4-80	Original
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9-1	Original	12-7	Original	15-1	28th
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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations

Each Telephone Company will calculate its portion of the Switched Transport, Directory Assistance Transport and Channel Mileage as follows:

- (a) Determine the total Direct Trunked Transport Facility Tandem Switched Transport Facility or Channel Mileage Facility by computing the number of airline miles between the Telephone Company premises (end office, access tandem or serving wire centers for Switched Access or serving wire centers for Special Access) using the V&H method set forth in Sections 4.6.12 and 5.4.4.

When Terminating Tandem Switched Transport is provided through a Frontier Telephone ILEC access Tandem and the Terminating End Office is not owned by a Frontier Telephone ILEC Company or through an ILEC Access Tandem not owned by a Frontier Telephone ILEC Company and the Terminating End Office is owned by a Frontier Telephone ILEC Company, Terminating – Tandem 3rd Party rates are applicable, otherwise Terminating – Tandem End Office rates are applicable. When originating Tandem Switched Transport is provided, Originating rates are applicable.

(N)

(N)

- (b) Each Telephone Company will multiply the total number of airline miles, as set forth in (a) preceding, by its tariffed rate to determine a dollar amount.
- (c) Determine the billing percentage (BP), as set forth in EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 which represents the portion of the services provided by each Telephone Company.

Multiply the BP times the dollar amount calculated in (b) preceding times the number of direct trunks to obtain the Direct Trunked Transport Facility charges for Switched Access Feature Groups and Directory Assistance.

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations

(c) (Cont'd)

Multiply the BP times the dollar amount calculated in (b) preceding, times the number of access minutes to obtain the Tandem Switched Transport Facility charges for Switched Access Feature Groups and Directory Assistance. (M)

Multiply the BP times the dollar amount calculated in (b) preceding to obtain the Channel Mileage Facility charges for Special Access. (M)

Direct Trunked and Tandem Switched Transport Termination charges also apply as set forth in Sections 4.1.2(A) and 15, except as set forth in (d) following. For jointly provided facilities, this charge applies at the Telephone Company end office (i.e., when the Telephone Company is the Initial Billing Company).

Channel Mileage Termination charges also apply as set forth in Sections 5.1.2(B)(2) and 15 except as set forth in (d) following, and apply only where the Telephone Company provides the channel termination. There is no distinction drawn between meet point billing Customers and Customers where the Telephone Company is sole provider.

(d) When three or more Telephone Companies are involved in providing an access service, the intermediate Telephone Company(ies) will determine the appropriate charges as set forth in (a), (b), and (c) preceding, except the Direct Trunked Termination, Tandem Switched Termination or Channel Mileage Termination charges do not apply.

(e) When the tandem office is located within a Telephone Company operating territory, that company will bill 100% of the tandem switching rate.

(f) When the local switching office is located within a Telephone Company operating territory, that company will bill 100% of the Residual Interconnection Charge.

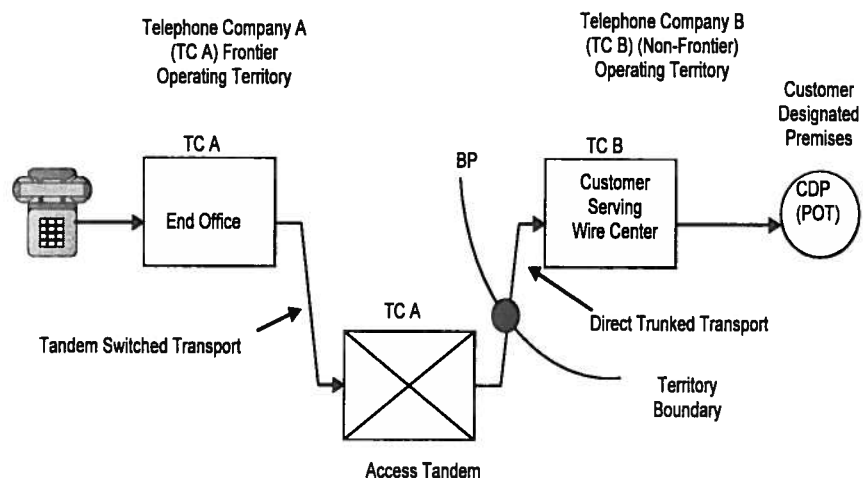
ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)

(N)

(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations (Cont'd)(g) Example 1: Originating Switched Access
(See Diagram 1)

- Feature Group D Switched Access is ordered to End Office.
- Originating End Office and Access Tandem are in the operating territory of a Telephone Company (TC-A).
- Customer Designated Premises is in the operating territory of a Telephone Company (TC-B)
- Assumptions:
 - TC-A Direct Trunk Transport BP = 40%
 - TC-B Direct Trunk Transport BP = 60%
 - Direct Trunked Transport mileage = 26 mi.
 - Tandem Switched Transport mileage = 23 mi.
- Diagram 1



(N)

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)

(N)

(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations (Cont'd)(g) Example 1: Originating Switched Access (Cont'd)
(See Diagram 1)

- Telephone Company A charges are:
 - End Office charges = 9,000 min. x EO rate
 - Tandem Switched Transport Facility charge = 9,000 min. x 23 mi. x TSF rate
 - Tandem Switched Transport Termination charge = 2 terminations x 9,000 min. x TST rate
 - Tandem Switching Rate = 9,000 min. x TS rate
 - Direct Trunked Facility charge = 26 mi. x DTF rate x 40%
 - Direct Trunked Termination charge = 1 termination x DTT rate
 - Shared Multiplexing charge = 9,000 min. x SM rate

Example 2: Terminating Switched Access – Tandem 3rd Party

(See Diagram 2A and 2B)

- Feature Group D Switched Access is ordered to End Office.
- Terminating Access Tandem is owned by Frontier Telephone ILEC Companies (TC-A) and End Office is owned by a non-Frontier Telephone Company (TC-B).
- Assumptions:
 - *TC-A Direct Trunk Transport BP = 40%
 - *TC-B Direct Trunk Transport BP = 60%
 - Direct Trunk Transport mileage = 26 mi.
 - TC-A Tandem Switched Transport BP = 20%
 - TC-B Tandem Switched Transport BP = 80%
 - Tandem Switched Transport mileage = 23 mi.

(N)

*Where applicable see Diagram 2A

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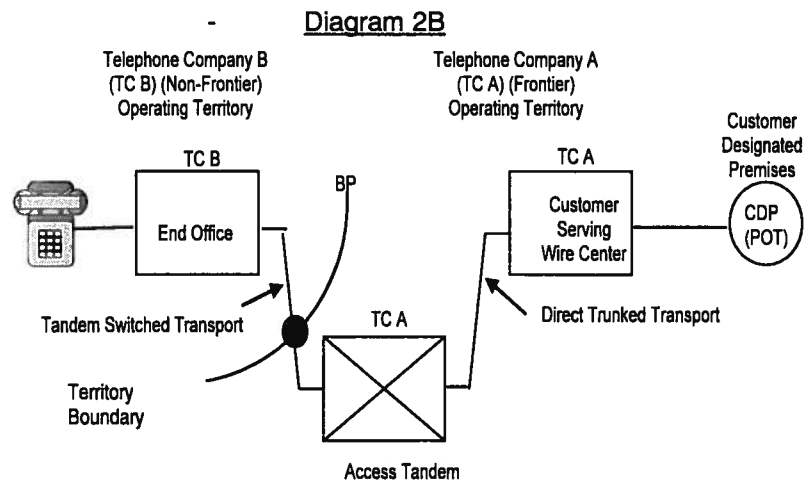
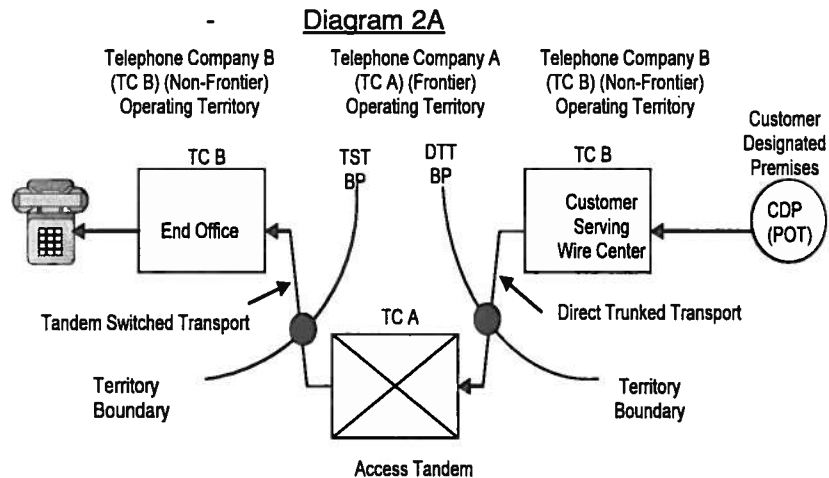
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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)

(N)

(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations (Cont'd)(g) Example 2: Terminating Switched Access – Tandem 3rd Party (Cont'd)
(See Diagram 2A and 2B)

(N)

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)

(N)

(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations (Cont'd)(g) Example 2: Terminating Switched Access – Tandem 3rd Party (Cont'd)
(See Diagram 2A and 2B)

- Telephone Company A charges are:
 - Tandem Switched Transport Facility-3rd Party charge = 9,000 min. x 23 mi. x TSF-3rd Party rate x 20%
 - Tandem Switched Transport Termination-3rd Party charge = 1 termination x 9,000 min. x TST – 3rd Party rate
 - Tandem Switching-3rd Party Rate = 9,000 min. x TS-3rd Party rate
 - Direct Trunked Facility charge
 - 2A = 26 miles. x DTF rate x 40%
 - 2B = 26 miles. x DTF rate
 - Direct Trunked Termination charge
 - 2A = 1 termination x DTT rate
 - 2B = 2 termination x DTT rate
 - Shared Multiplexing 3rd Party Charge = 9,000 min. x SM-3rd Party rate

(N)

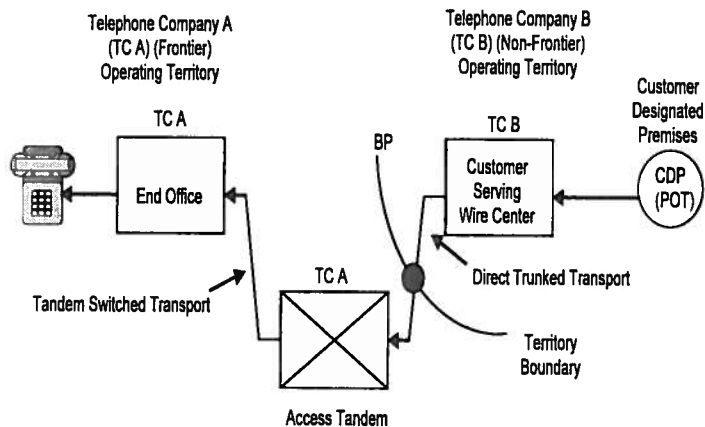
ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)

(N)

(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations (Cont'd)(g) Example 3: Terminating Switched Access - Tandem End Office
(See Diagram 3)

- Feature Group D Switched Access is ordered to End Office.
- Terminating End Office and Access Tandem are both owned by Frontier Telephone ILEC Companies (TC-A).
- Assumptions:
 - TC-A Direct Trunk Transport BP = 40%
 - TC-B Direct Trunk Transport BP = 60%
 - Direct Trunk Transport mileage = 26 mi.
 - Tandem Switched Transport mileage = 23 mi.
- Diagram 3



(N)

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations (Cont'd)(g) Example 3: Terminating Switched Access - Tandem End Office (Cont'd)
(See Diagram 3)

- Telephone Company A charges are:
 - End Office Charges = 9,000 min. x EO rate
 - Tandem Switched Facility – End Office charge
= 9,000 min. x 23 mi. x TSF-End Office rate.
 - Tandem Switched Transport Termination –End Office charge
= 2 terminations x 9,000 min. x TST-End Office rate.
 - Tandem Switching – End Office charge
= 9,000 min. x TS-End Office rate
 - Direct Trunked Facility Charge
= 26 miles x DTF rate x 40%
 - Direct Trunked Termination charge
= 1 termination x DTT rate
 - Shared Multiplexing charge
= 9,000 min. x SM-End Office rate

(N)

(N)

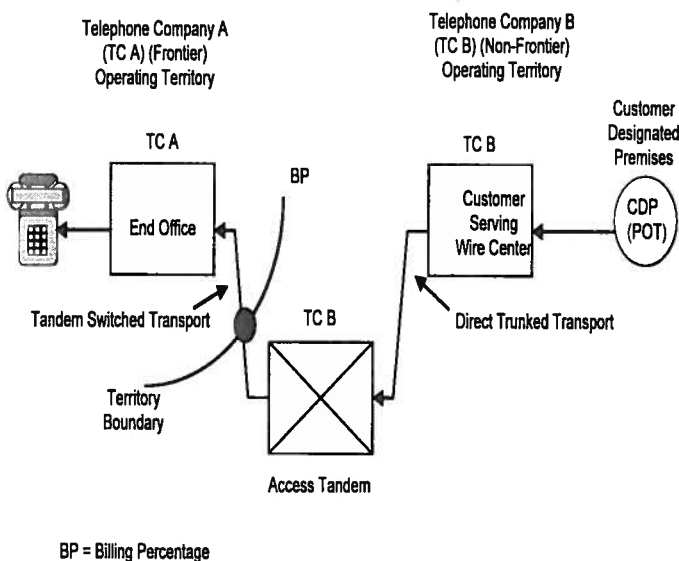
ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)

(N)

(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations (Cont'd)(g) Example 4: Terminating Switched Access-Tandem 3rd Party
(See Diagram 4)

- Feature Group D Switched Access is ordered to End Office.
- End Office is owned by Frontier Telephone Company (TC-A).
- Access Tandem is owned by a non-Frontier Telephone ILEC Company (TC-B).
- Diagram 4



(N)

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)

(N)

(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations (Cont'd)(g) Example 4: Terminating Switched Access-Tandem 3rd Party (Cont'd)
(See Diagram 4)

- Telephone Company A charges are:
 - End Office charges = 9,000 min x EO rate
 - Tandem Switched Facility -3rd Party charge
= 9,000 min. x 23 mi. x TSF-3rd Party rate x 80%
 - Tandem Switched Termination -3rd party charge
= 1 termination x 9,000 min. x TST-3rd Party rate

(N)

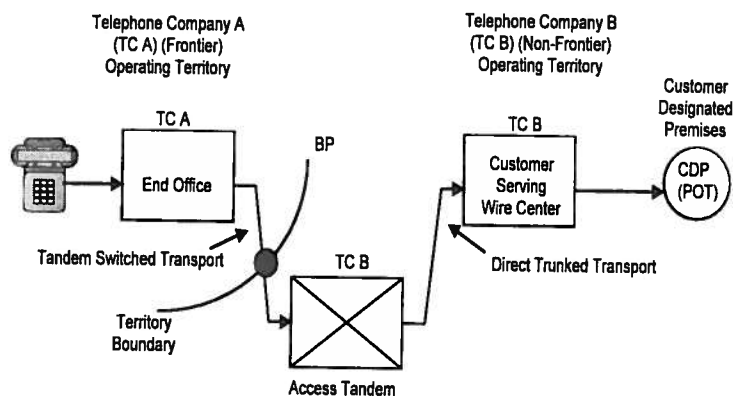
ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)

(N)

(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations (Cont'd)(g) Example 5: Originating Switched Access - Frontier Telephone ILEC Company owns only the End Office.
(See Diagram 5)

- Feature Group D Switched Access is ordered to End Office.
- End Office is owned by Frontier Telephone Companies (TC-A).
- Access Tandem is owned by a non-Frontier Telephone ILEC Company (TC-B)
- Assumptions:
 - Direct Trunk Transport mileage = 26 mi.
 - TC-A Tandem Switched Transport BP = 80%
 - TC-B Tandem Switched Transport BP = 20%
 - Tandem Switched Transport mileage = 23 mi.
- Diagram 5



BP = Billing Percentage

(N)

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Access Services Provided by More Than One Telephone Company (Cont'd)

(N)

(B) Meet Point Billing (Cont'd)(2) Determination of Meet Point Billed Transport Calculations (Cont'd)(g) Example 5: Originating Switched Access - Frontier Telephone ILEC Company owns only the End Office.
(Cont'd)
(See Diagram 5)

- Telephone Company A charges are:
 - End Office charges = 9,000 min. x EO rate
 - Tandem Switched Transport Facility charge
= 9,000 min. x 23 mi. x TSF rate x 80%.
 - Tandem Switched Transport Termination charge
= 1 termination x 9,000 min. x TST rate.

(N)

ACCESS SERVICE

4. Switched Access Service (Cont'd)4.1 General (Cont'd)4.1.2 Rate Elements (Cont'd)(A) Switched Transport (Cont'd)(2) Direct Trunked Transport (Cont'd)

Direct Trunked Transport rates consist of a Direct Trunked Facility rate which is applied on a per mile basis and a Direct Trunked Termination rate which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, hub, and serving wire center).

The Direct Trunked Facility rate recovers a portion of the costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits.

The Direct Trunked Termination rate recovers a portion of the costs of the circuit equipment that is necessary for the termination of each end of the Direct Trunked Facility.

Direct Trunked Transport is not available between a host and remote.

(3) Tandem Switched Transport

The Tandem Switched Transport rate elements recover a portion of the costs associated with the communications path between the serving wire center and the end office on circuits that are switched at a tandem switch. Tandem Switched Transport consists of circuits dedicated to the use of a single Customer from the serving wire center to the tandem and circuits used on common by multiple Customers from the tandem to the end office. For examples of Tandem Switched Transport see Section 2.4.4 preceding.

(N)
(N)

Beginning July 1, 1998, the dedicated transport provided between the serving wire center and the tandem must be ordered as Direct Trunked Transport as described in (2), preceding.

ACCESS SERVICE

4. Switched Access Service (Cont'd)4.1 General (Cont'd)4.1.2 Rate Elements (Cont'd)(A) Switched Transport (Cont'd)(4) Multiplexing

Shared Multiplexing provides for the use of the multiplexing equipment at the remote, the end office, and at the access tandem. The common transport multiplexing rate element is assessed on a per minute of use basis at the tandem.

(N)
|
(N)

DS3 to DS1 Multiplexing charges apply when a High Capacity DS3 Entrance Facility of High Capacity DS3 Direct Trunked Facility is connected with High Capacity DS1 Direct Trunked Transport. The DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(B) End Office

The End Office rate category provides the local end office switching and line termination functions necessary to complete the transmission of Switched Access communications to and from the End Users served by the local end office. The End Office rate category includes the Local Switching, and Directory Assistance Information Surcharge.

For the usage sensitive elements, i.e., Local Switching, when Feature Group Services terminate in Telephone Company end offices that are not equipped for full-time measurement capabilities, a studied average minutes of use (MOU) at a rate per MOU will be billed. In the event usage measurements are missing from full-time measurement data, a prorated amount will be calculated for the missing data. This amount will be included with the actual measurement for billing.

End office functions may, at the option of the Customer, be provided for both interstate and intrastate communications.

ACCESS SERVICE

15. Rates and Charges (Cont'd)

15.2 Switched Access Service

Switched Transport

Entrance Facility

Voice Grade 2 Wire, per month	\$29.00
Voice Grade 4 Wire, per month	\$38.00
High Capacity DS1, per month	\$185.00
High Capacity DS3, per month	\$1,797.00

Direct Trunked Transport Termination

Voice Grade, per termination per month	\$53.50
High Capacity DS1, per termination per month	\$94.77
High Capacity DS3, per termination per month	\$623.00

Direct Trunked Transport Facility per mile

Voice Grade, per month	\$3.00
High Capacity DS1, per month	\$15.00
High Capacity DS3, per month	\$220.00

Multiplexing

DS3 to DS1, per month	\$999.00	
Shared Multiplexing Terminating End Office, per min	\$0.00000000	(N)
Shared Multiplexing Terminating-3rd Party, per min	\$0.00000000	(N)
Shared Multiplexing Originating, per min	\$0.00000000	(N)

Tandem Switched Termination

Originating Premium, per termination, per minute	\$0.000500	(N)
Terminating Premium – End Office, per term, per min	\$0.000500	(N)
Terminating Premium – 3 rd Party, per term, per minute	\$0.000500	

Originating Non-Premium, per termination, per min.	\$0.000225
Terminating Non-Premium, per termination, per min.	\$0.000225

Tandem Switched Facility

Originating Premium, per minute, per mile	\$0.000090	(N)
Terminating Premium – End Office, per min, per mile	\$0.000090	(N)
Terminating Premium – 3 rd Party, per minute, per mile	\$0.000090	

Originating Non-Premium, per minute, per mile	\$0.000041
Terminating Non-Premium, per minute, per mile	\$0.000041