

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(8) When Terminating Tandem Switched Transport is provided through a CenturyLink Operating Company (CLOC) ILEC Access Tandem and the Terminating End Office is not owned by any CLOC ILEC or through an ILEC Access Tandem not owned by a CLOC ILEC and the Terminating End Office is owned by a CLOC ILEC, 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. The rate for the Switched Access Direct-Trunked Transport and Tandem-Switched Transport or Special Access Channel Mileage per mile element for services provided as set for in (1) through (7) preceding is determined as follows:

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|
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- (a) Determine the appropriate Switched Transport or Channel Mileage by computing the airline mileage between the two ends of the Switched Transport or Channel Mileage element. Determine the airline mileage for the Tandem-Switched Transport per mile element using the V & H method as set forth in Section 6.7.14 following. Determine the airline mileage for the Direct-Trunk Transport and Channel Mileage per mile element using the V & H method as set forth in Section 7.4.6 following.
- (b) Determine the rate for the airline mileage determined in (a) preceding using the Telephone Company's tariff. Multiply such rate by the Telephone Company's billing percentage factor and divide by 100 to obtain the Switched Transport element or Channel Mileage per mile element charges.

(9) The interconnection points will be determined by the Exchange Telephone Companies involved. The billing percentage factor for the Telephone Company for the service between the two involved offices is listed in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4 *.

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(*) For intraLATA Local Exchange Carrier to Local Exchange Carrier traffic percentages of ownership will be determined by the V&H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

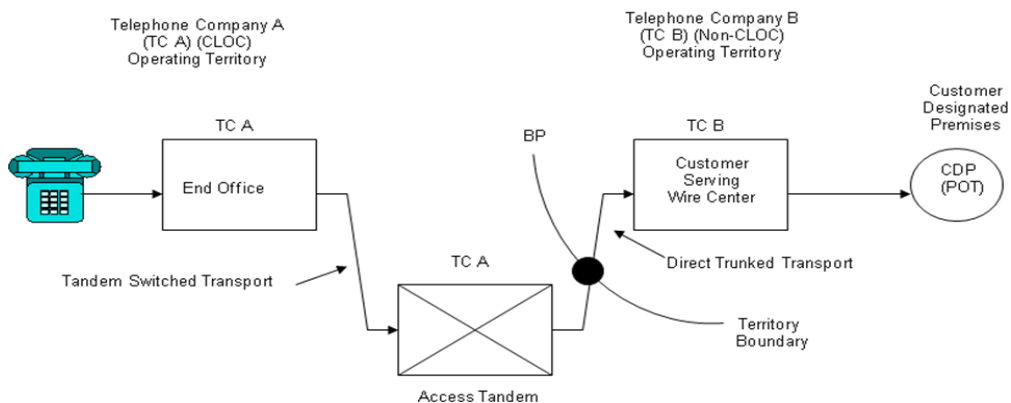
2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(10) 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:
 - o TC-A Direct Trunk Transport BP = 40%
 - o TC-B Direct Trunk Transport BP = 60%
 - o Direct Trunked Transport mileage = 26 mi.
 - o Tandem Switched Transport mileage = 23 mi.

Diagram 1



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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(10) 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 Facility charge
= 9,000 min. x 23 mi. x TSF rate

Tandem Switched Termination charge
= 2 terminations x 9,000 min. x TST rate

Tandem Switching charge
= 9,000 min x TS rate

Direct Trunked Facility charge
= 26 miles x DTF rate x 40%

Direct Trunked Termination charge
= 1 termination x DTT rate

Common Transport Multiplexing charge
= 9,000 min x CTM rate

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(11) 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 CLOC ILEC carrier (TC-A) and End Office is owned by a non-CLOC ILEC carrier (TC-B)
- Assumptions:
 - o TC-A Direct Trunk Transport BP = 40% (where applicable Diagram 2A)
 - o TC-B Direct Trunk Transport BP = 60% (where applicable Diagram 2A)
 - o Direct Trunk Transport mileage = 26 mi.
 - o TC-A Tandem Switched Transport BP = 20%
 - o TC-B Tandem Switched Transport BP = 80%
 - o Tandem Switched Transport mileage = 23 mi.

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2. General Regulations (Cont'd)

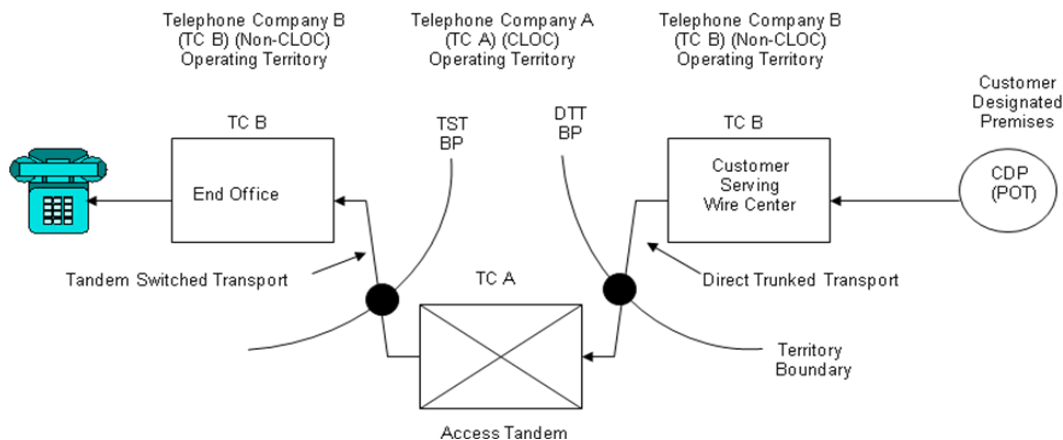
2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

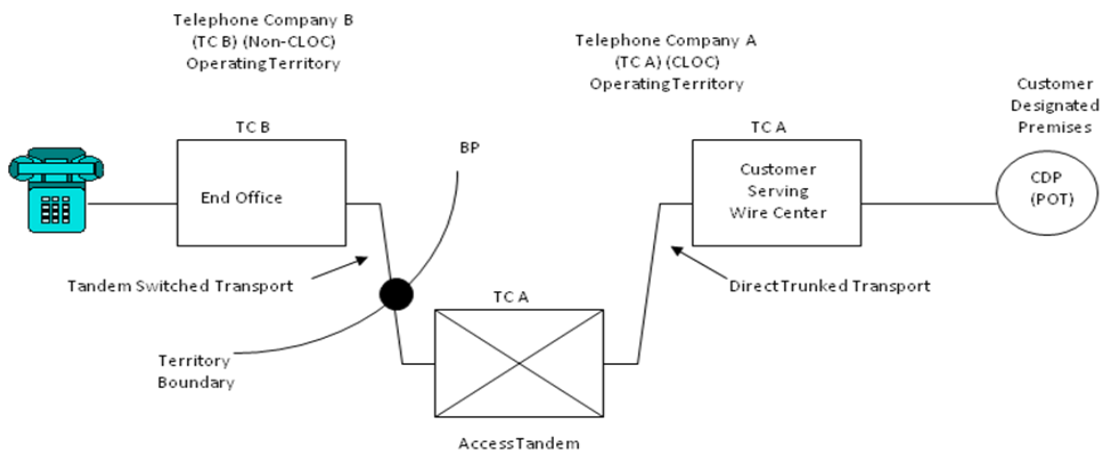
(B) (Cont'd)

(11) Example 2: Terminating Switched Access – Tandem 3rd Party
(Cont'd)
(See Diagram 2A and 2B)

- Diagram 2A



- Diagram 2B



BP = Billing Percentage

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(11) Example 2: Terminating Switched Access – Tandem 3rd Party
(Cont'd) (See Diagram 2A and 2B)

Example 2 Telephone Company A charges are:

Tandem Switched Facility – 3rd Party charge
= 9,000 min. x 23 mi. x TSF-3rd Party rate x 20%

Tandem Switched Termination – 3rd Party charge
= 1 termination x 9,000 min. x TST-3rd Party rate

Tandem Switching – 3rd Party charge
= 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

Common Transport Multiplexing – 3rd Party charge
= 9,000 min x CTM-3rd Party rate

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

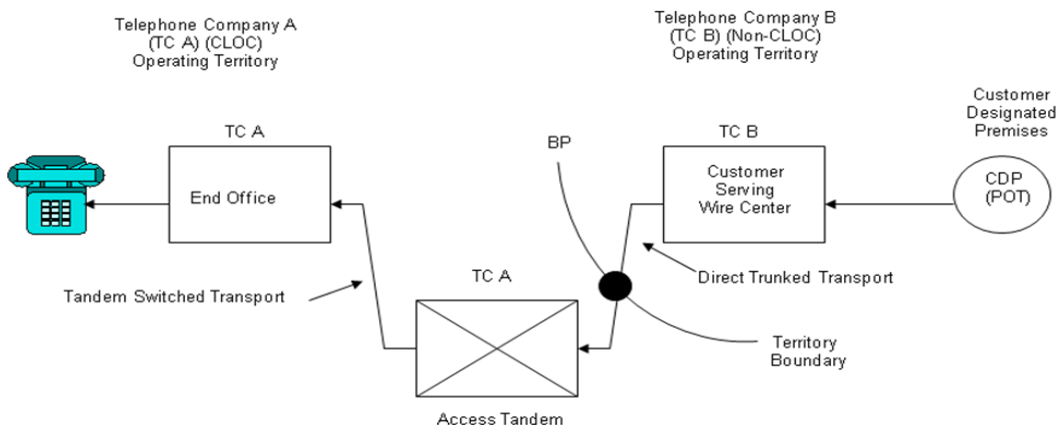
2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(12) 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 a CLOC ILEC (TC-A)
- Assumptions:
 - o TC-A Direct Trunk Transport BP = 40%
 - o TC-B Direct Trunk Transport BP = 60%
 - o Direct Trunk Transport mileage = 26 mi.
 - o Tandem Switched Transport mileage = 23 mi.

Diagram 3



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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(12) 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 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

Common Transport Multiplexing – End Office charge
= 9,000 min x CTM-End Office rate

(N)

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

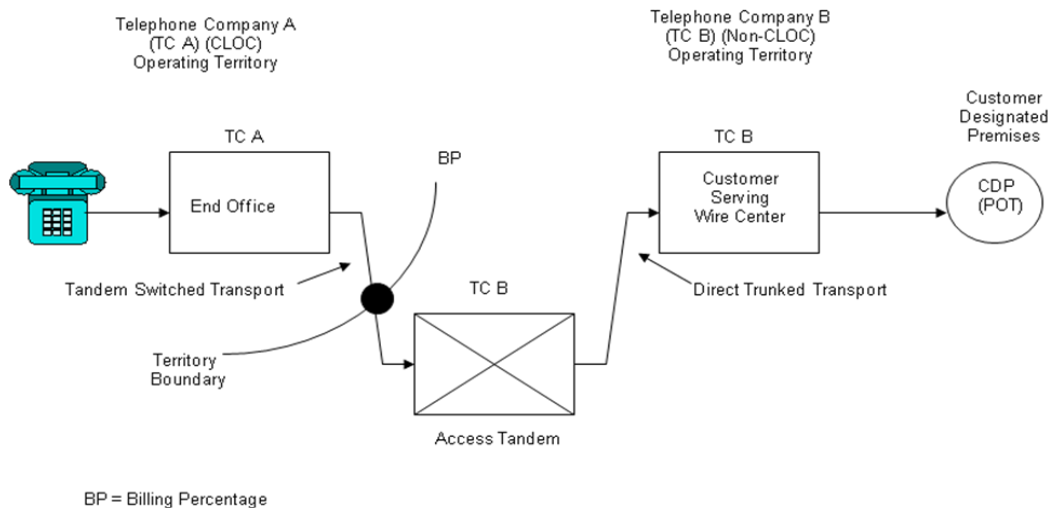
2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(13) Example 4: Originating Switched Access – CLOC owns only the End Office (See Diagram 4)

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

Diagram 4



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(13) Example 4: Originating Switched Access – CLOC owns only the End Office (Cont'd) (See Diagram 4)

- Telephone Company A charges are:

End Office charges = 9,000 min. x EO rate

Tandem Switched Facility charge
=9,000 min. x 23 mi. x TSF rate x 80%

Tandem Switched Termination charge
= 1 termination x 9,000 min. x TST rate

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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

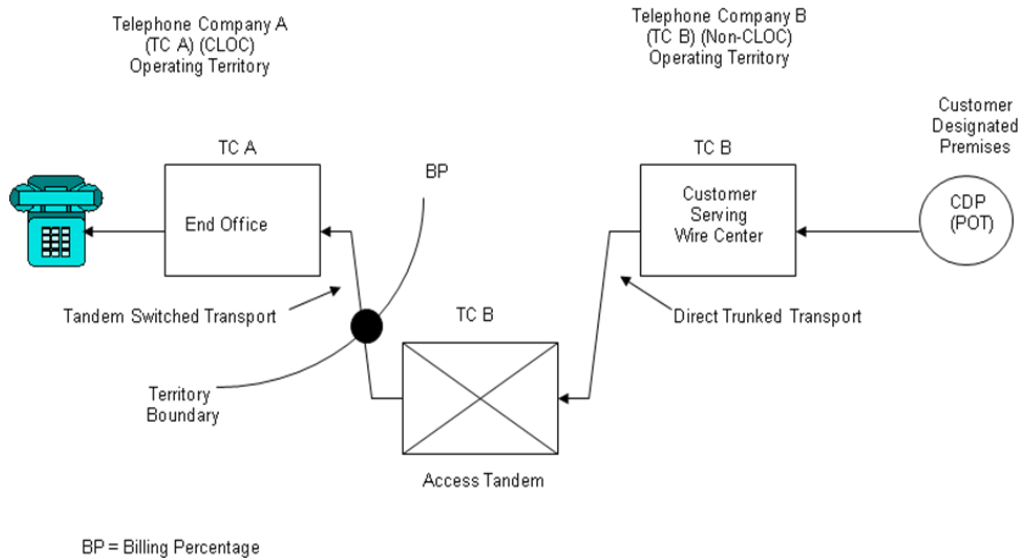
2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(14) Example 5: Terminating Switched Access – Tandem 3rd Party (See Diagram 5)

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

Diagram 5



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2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company or Rate Schedule is Involved (Cont'd)

(B) (Cont'd)

(14) Example 5: Terminating Switched Access – Tandem 3rd Party
(Cont'd) (See Diagram 5)

- 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

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Rate Categories (Cont'd)(B) Switched Transport (Cont'd)(3) Tandem-Switched Transport

Tandem-Switched Transport provides the communication path between the access tandem and an end office that subtends that tandem, and includes tandem switching functions. Tandem-Switched Transport is available for use with all trunk side Switched Access services. Tandem-Switched Transport is not available for use with line side Switched Access services.

Tandem-Switched Transport provides for the transmission facilities between the access tandem and an end office that subtends the tandem. For examples of Tandem Switched Transport see Section 2.4.8 preceding. Tandem-Switched Transport is composed of four subelements:

- (a) Tandem-Switched Transmission, which provides for the transmission facilities from the Telephone Company's access tandem switch to an end office subtending that tandem. This includes the transmission medium itself as well as certain circuit equipment that is used at the ends of the interoffice links and employed to derive the channels on the transmission medium, and circuit equipment used within the network to manage the circuits at intermediate locations.

The Telephone Company applies a 50% billing percentage to the Tandem-Switched Transport termination (fixed) rate on jointly-owned circuits, and applies 100% on wholly-owned circuits. When the Tandem-Switched Transport Facility is zero (i.e., collocated serving wire centers), neither the Tandem-Switched Transport Facility (per mile) rate nor the Tandem-Switched Transport Termination (fixed) rate will apply.

- (b) Tandem Switching, which provides for use of the Telephone Company's access tandem.

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Switched Transport

	<u>Rate Per Access Minute</u>			
	<u>Originating</u>	<u>Terminating 3rd Party</u>	<u>Terminating End Office</u>	
(C) <u>Tandem-Switched Transport</u>				
(1) Tandem-Switched Transmission				
(a) Termination (Fixed)				
Zone 1	\$0.000218	\$0.000218	\$0.000105 (R)	
Zone 2	\$0.000235	\$0.000235	\$0.000106 (R)	
Zone 3	\$0.000245	\$0.000245	\$0.000107 (R)	
Zone 4	\$0.000278	\$0.000278	\$0.000109 (R)	
(b) Facility (Per Mile)				
Zone 1	\$0.000020	\$0.000020	\$0.000000 (R)	
Zone 2	\$0.000021	\$0.000021	\$0.000000 (R)	
Zone 3	\$0.000023	\$0.000023	\$0.000000 (R)	
Zone 4	\$0.000025	\$0.000025	\$0.000000 (R)	
(2) Tandem Switching				
Zone 1	\$0.000331	\$0.000331	\$0.000331 (R)	
Zone 2	\$0.000362	\$0.000362	\$0.000362 (R)	
Zone 3	\$0.000381	\$0.000381	\$0.000381 (R)	
Zone 4	\$0.000425	\$0.000425	\$0.000425 (R)	
(3) Common Transport Multiplexing				
Zone 1	\$0.000218	\$0.000218	\$0.000000 (R)	
Zone 2	\$0.000235	\$0.000235	\$0.000000 (R)	
Zone 3	\$0.000254	\$0.000254	\$0.000000 (R)	
Zone 4	\$0.000277	\$0.000277	\$0.000000 (R)	

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6. Switched Access Service (Cont'd)

6.8 Rates and Charges (Cont'd)

6.8.2 Switched Transport (Cont'd)

(F) Network Blocking Charge

- Per Call*

Rate Per Call Blocked
GAR

(G) Installation (Note 2)

- Per Line

Nonrecurring
Charge

\$20.00

- Per Trunk

\$20.00

6.8.3 Local Switching

Rate Per Access Minute
Originating Terminating

(A) LS1 and LS2

\$0.023617 \$0.000000 (R)

(B) End Office to Tandem Rearrangement Charge (Note 2)

A nonrecurring charge as specified below will apply when a customer requests end office or tandem rearrangement of FGD trunks as set forth in 6.7.1(C)(3) preceding.

Per 24 Channels Converted
or Fraction Thereof

Nonrecurring
Charge

\$23.45

(C) Dedicated Trunk Port (Note 1)

Monthly Rate

(a) Per DS0

\$ 1.83

(b) Per DS1

\$46.70

Note 1: The End Office Dedicated Trunk Port rate was calculated based upon a 50/50 split between originating and terminating traffic using this flat-rated port. The FCC in their FCC 11-161 ICC Transformation order in section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes. The Originating portion of the DS0 charge is \$1.83 and the Originating portion of the DS1 charge is \$46.70.

Note 2: This flat rated charge was calculated based upon a 50/50 split between originating and terminating. The FCC in their FCC 11-161 ICC Transformation Order in Section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes.

* Applies to FGD.

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22. VoIP-PSTN Rates and Charges (Cont'd)

22.1 Switched Transport (Cont'd)

(C) Tandem-Switched Transport

		<u>Rate Per Access Minute</u>			
		<u>Originating</u>	<u>Terminating 3rd Party</u>	<u>Terminating End Office</u>	(T)
(1)	Tandem-Switched Transmission Termination, per Access Minute				(T)
	Zone 1	\$0.000218	\$0.000218	\$0.000105 (R)	
	Zone 2	\$0.000235	\$0.000235	\$0.000106 (R)	
	Zone 3	\$0.000245	\$0.000245	\$0.000107 (R)	
	Zone 4	\$0.000278	\$0.000278	\$0.000109 (R)	
	Facility, per Access Minute per mile				
	Zone 1	\$0.000020	\$0.000020	\$0.000000 (R)	
	Zone 2	\$0.000021	\$0.000021	\$0.000000 (R)	
	Zone 3	\$0.000023	\$0.000023	\$0.000000 (R)	
	Zone 4	\$0.000025	\$0.000025	\$0.000000 (R)	
(2)	Tandem Switching, per Access Minute				
	Zone 1	\$0.000331	\$0.000331	\$0.000331 (R)	
	Zone 2	\$0.000362	\$0.000362	\$0.000362 (R)	
	Zone 3	\$0.000381	\$0.000381	\$0.000381 (R)	
	Zone 4	\$0.000425	\$0.000425	\$0.000425 (R)	
(3)	Common Transport Multiplexing, per Access Minute				
	Zone 1	\$0.000218	\$0.000218	\$0.000000 (R)	
	Zone 2	\$0.000235	\$0.000235	\$0.000000 (R)	
	Zone 3	\$0.000254	\$0.000254	\$0.000000 (R)	
	Zone 4	\$0.000277	\$0.000277	\$0.000000 (R)	

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22. VoIP-PSTN Rates and Charges (Cont'd)

22.2 End Office

(A) Local Switching

		<u>Rate</u>		
		<u>Per Access Minute</u>		
		<u>Originating</u>	<u>Terminating</u>	
(1)	LS1 and LS2	\$0.003983	\$0.000000	(R)
(2)	Common/Shared Trunk Port	0.000498	0.000000	

(B) End Office to Tandem Rearrangement Charge (Note 2)

A nonrecurring charge as specified below will apply when a customer requests end office or tandem rearrangement of FGD trunks as set forth in 6.7.1(C)(3) preceding.

<u>Per 24 Channels Converted or Fraction Thereof</u>	<u>Nonrecurring Charge</u>
	\$23.45

(C) Dedicated Trunk Port (Note 1)

	<u>Monthly Rate</u>
(a) Per DS0	\$ 1.83
(b) Per DS1	\$46.70

Note 1: The End Office Dedicated Trunk Port rate was calculated based upon a 50/50 split between originating and terminating traffic using this flat-rated port. The FCC in their FCC 11-161 ICC Transformation order in section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes. The Originating portion of the DS0 charge is \$1.83 and the Originating portion of the DS1 charge is \$46.70.

Note 2: This flat rated charge was calculated based upon a 50/50 split between originating and terminating. The FCC in their FCC 11-161 ICC Transformation Order in Section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes.

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