

Qwest Corporation d/b/a CenturyLink QC

**WN U-48
ACCESS SERVICE
WASHINGTON**

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORTS REQUIREMENTS

B. Jurisdictional Requirements (Cont'd)

1. Feature Group A (FGA) or Feature Group B (FGB)

a. FGA to be Resold

Upon ordering FGA Service to be resold, the customer shall state in its initial order a projected PIU factor as set forth in B., preceding. The PIU factor is reported by State. When the customer reports a State-level PIU factor, the specified percentage applies to all end offices within the State.

(C)
(C)

The projected PIU factor is used by the Company to apportion the originating and terminating usage between interstate and intrastate until a revised report is received as set forth in C., following. The number of access minutes (either the measured minutes or the assumed minutes) is multiplied by the projected PIU factor to develop the interstate access minutes. The number of access minutes minus the developed interstate access minutes is the developed intrastate access minutes. This PIU factor is in addition to the PIU factor as set forth in 3., following.

b. FGA Not to be Resold

For FGA Service not to be resold, the customer shall state in its initial order a projected PIU factor of zero percent (0%) by line-side termination or access service group.

c. FGB Service

Upon ordering FGB Service, the customer shall state in its initial order a projected PIU factor as set forth in B., preceding. The PIU factor is reported by State. When the customer reports a State-level PIU factor, the specified percentage applies to all end offices within the State.

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The projected PIU factor for FGB Service used by the Company to apportion the originating and terminating usage between interstate and intrastate is developed in the same manner as in a., preceding. This PIU factor is in addition to the PIU factor as set forth in 3., following.

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORTS REQUIREMENTS

B. Jurisdictional Requirements (Cont'd)

2. Feature Group C (FGC) or Feature Group D (FGD) Service

a. Originating FGC or FGD Service

When a customer orders FGC or FGD Switched Access Service(s), where the jurisdiction is determined from the call detail, the Company will develop the projected PIU factor according to such jurisdiction. The projected interstate percentage is developed on a monthly basis, by end office, when the originating FGC or FGD access minutes are measured, by dividing the measured interstate originating access minutes by the total originating access minutes.

b. Terminating FGC Service

When a customer orders terminating FGC Switched Access Service, the data used by the Company to develop the projected PIU factor for originating FGC access minutes is used to develop the projected PIU factor for such terminating access minutes. When originating call details are insufficient to determine the jurisdiction for the call, the customer may supply the projected PIU factor by State[1] or authorize the Company to use the Company developed percentage for such call detail. The Company will designate the number obtained by subtracting the projected PIU factor for originating and terminating access minutes calculated by the Company from 100 (100 - Company calculated projected interstate percentage = intrastate percentage) as the intrastate percentage of use.

(C)

[1] When the customer reports a State-level PIU factor, the specified percentage applies to all end offices within the State.

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORTS REQUIREMENTS

B.2. (Cont'd)

c. Terminating FGD Service

When a customer orders terminating FGD, if the Company has sufficient call details to determine the jurisdiction for the call, the Company will bill the call minutes of use according to that jurisdiction.

When terminating call details are insufficient to determine the jurisdiction for the call, see A, preceding, the customer may supply the projected PIU factor for a portion of the indeterminate jurisdiction by State[1]. The projected PIU factor will be used to apportion the terminating traffic which does not exceed the 5% floor. (C)

When terminating call details are insufficient to determine the jurisdiction, and the customer does not supply a projected PIU factor by State, calls will be billed using a PIU of 50 (50% interstate – 50% intrastate). The PIU of 50 will be used to apportion the terminating traffic which does not exceed the 5% floor. (C)

In the event that the Company applies the intrastate terminating access rate to calls without sufficient call detail as provided in this Tariff, the customer will have the opportunity to request backup documentation regarding the Company's basis for such application, and further request that the Company change the application of the intrastate access rate upon a showing of why the intrastate rate should not be applied. (See also Section 2.4.1.B.4., billing disputes.)

[1] When the customer reports a State-level PIU factor, the specified percentage applies to all end offices within the State. (C)
(C)

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORTS REQUIREMENTS

B. Jurisdictional Requirements (Cont'd)

- 3. Entrance Facility (EF) and Direct-Trunked Transport (DTT) Facility (Excludes Voice Grade (VG) EF and DTT for Feature Group A)

For EF and DTT facilities, the customer has the following jurisdiction options; 1) allow the Company to develop the projected State-level PIU factor using a mechanized program as set forth in a., following or 2) provide the Company with a projected State-level PIU factor via a quarterly jurisdictional report as set forth in b., following. (C)

Customers initially ordering Switched Access Services in the LATA for the first time, shall provide on the access order a State-level PIU factor for new EF and DTT facilities based on all the originating and terminating traffic using such facilities. The Company will use the State-level PIU factor from the customer's initial order for service as the State-level PIU factor for the Company's mechanized program for the first quarter of new service only. After the first quarter of new service, the Company will develop the State-level PIU factor as described in a., following until the Company receives a certified letter from the customer authorizing the Company to develop the projected PIU factor from a customer-provided report as set forth in b., following. (C)

The PIU factor for an EF DS3 capacity of two or more is applied at the same percentage as the reported or calculated EF PIU factor at the State-level. (C)

- a. Company-Developed EF and DTT PIU Factor

The Company-developed State-level PIU factors for EF and DTT facilities are updated on a quarterly basis by calculating the customer's average billed Interstate usage (excluding VG EF and DTT facilities for FGA) for the last three months. The Company will perform the calculation for the revised State-level PIU factor no later than the last business day in January, April, July and October, respectively. The Company-developed State-level PIU factor will serve as the basis for the customer's next three months' advance billing beginning in February, May, August and November, respectively. (C)

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORTS REQUIREMENTS

B.3.a. (Cont'd)

When existing customers order additional EF and DTT facilities for Switched Access Service, the Company will determine the State-level PIU factor where jurisdiction can be determined from previously billed usage. The PIU factor is based on the average billed Switched Access interstate usage (excluding VG EF and DTT facilities for FGA) per State, per customer on a quarterly basis. When the Company is unable to determine the State-level PIU factor for EF and DTT facilities for an existing customer because usage data is not being billed to that customer, the Company will apply a default PIU factor of fifty percent (50%). (C)

The PIU factor is expressed as a whole number (i.e., a number 0 - 100). The PIU factor is used by the Company to determine interstate and intrastate rates and charges. The PIU factor is applied to all rate elements associated with EF and DTT facilities. This PIU factor is in addition to the PIU factors as set forth in 1. and 2., preceding, and 5., following. (C)

b. Customer-Provided EF and DTT PIU Factor

Customers who choose to provide a projected State-level PIU factor for EF and DTT facilities, shall notify the Company by letter (certified U S Mail, return receipt requested) authorizing the Company to develop the projected State-level PIU factor from a customer-provided quarterly report. Customer's choosing to provide a projected State-level PIU factor shall base the PIU factor on all the originating and terminating traffic using the EF and DTT facilities in the State. The customer-provided jurisdictional report must be received by the Company no later than fourteen (14) days after the first of January, April, July and October in order for the customer-provided PIU factor to serve as the basis for the next three month's advance billing beginning in February, May, August and November, respectively. The Company will program the customer-provided revised PIU factor into the Company's billing data base no later than the last business day in January, April, July and October, respectively. If the customer does not provide the jurisdictional report in time for the Company to program the billing data base, the Company will continue to develop a State-level PIU factor for the quarter as the Company's billing data base can only be programmed with one PIU process at a time in the same quarter. (C)

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2.3.10 JURISDICTIONAL REPORTS REQUIREMENTS

B.3.b. (Cont'd)

For existing customers who provide a quarterly report and the report is not received by the Company in time for the Company to program the revised State-level PIU factor for EF and DTT facilities in the State, the Company will assume the EF and DTT PIU factors to be the same as those provided in the last quarterly report and follow the steps as set forth in C., following.

(C)
(C)

Customers who choose to provide a projected State-level PIU factor for EF and DTT facilities shall supply a percentage in a whole number (i.e., a number 0 - 100) by State. The PIU factor is used by the Company to determine interstate and intrastate rates and charges. The PIU factor is applied to all rate elements associated with EF and DTT facilities. This PIU factor is in addition to the PIU factors as set forth in 1. and 2., preceding, and 5., following.

(C)
(C)

Customers may request to change from a quarterly customer-provided State-level PIU factor to a Company-developed State-level PIU factor for their EF and DTT facilities in the State. The customer must notify the Company (by certified U. S. Mail, return receipt requested) no later than fourteen (14) days after the first of January, April, July and October in order for the Company-developed State-level PIU factor as set forth in a., preceding to serve as the basis for the next three months' advance billing beginning in February, May, August and November, respectively. The Company will program the PIU factor into the Company's billing data base no later than the last business day of January, April, July and October for the advance quarterly billing beginning in February, May, August and November, respectively. If the customer does not notify the Company in time for the Company to program the billing data base with the Company-developed State-level PIU factor, the customer must continue to provide a quarterly jurisdictional report for the quarter as the Company's billing data base can only be programmed with one PIU process at a time in the same quarter.

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2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORTS REQUIREMENTS

B.3. (Cont'd)

- c. Voice Grade (VG) EF and DTT facilities for Feature Group A (FGA) to be Resold

Customers initially ordering a VG EF and a DTT facility for FGA to be resold shall provide a projected PIU factor for each new facility. These PIU factors shall reflect all originating and terminating traffic using these facilities and are in addition to the PIU factors as set forth in 1.a., preceding.

The PIU factor for the VG EF and DTT facility will be applied to all rate elements associated with the EF and DTT facility.

The PIU factor is expressed as a whole number (i.e., a number 0 - 100). The PIU factor will be used by the Company to determine interstate and intrastate rates and charges. If the customer does not provide the Company a Switched Access PIU factor for an EF or DTT facility, the Company will apply a default PIU factor of fifty percent (50%).

The PIU factor will be used by the Company until a revised PIU factor is reported as set forth in C., following. A Switched Access State-level PIU factor shall be provided for all VG EF and for all DTT facilities provided within a State for Feature Group A for the revised reports. These PIU factors will account for both the originating and terminating traffic of all services using these facilities within the State.

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- d. Voice Grade (VG) EF and DTT facilities for Feature Group A (FGA) not to be Resold

Customers initially ordering a VG EF and a DTT facility for FGA not to be resold shall state a projected PIU factor of zero percent (0%) for each facility. This PIU factor is in addition to the PIU factor as set forth in 1.c., preceding.

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORTS REQUIREMENTS

B.6. (Cont'd)

The projected PIU and POM are used to apportion the ISUP Call Set-up requests as interstate, intrastate and other for charging purposes. ISUP Call Set-up requests reported as POM will not be charged, provided that if the customer charges the Company for ISUP Call Set-up requests for Company originated traffic, the Company may charge the customer for ISUP Call Set-up requests associated with customer originated traffic in the same categories of traffic billed by the customer (i.e., local, EAS, intraMTA, Local Exchange Company portion of jointly provided switched access or Company originated toll traffic).

If a customer does not provide a PIU factor, the Company will apply a default PIU factor of fifty percent (50%). If a customer does not provide a POM factor, the Company will apply a default POM factor of zero percent (0%) except in those instances where the Company fails to provide the requested data described above with respect to the initial submission of the POM in a State, in which case the Company will apply a default CCSAC POM equal to the number obtained by subtracting the declared CCSAC PIU from 100.

(C)

The PIU and POM factors will be used by the Company until a revised PIU or POM factor is reported as set forth in C., following. A State-level PIU and POM factor shall be provided for CCSAC Service provided within a State for the revised reports.

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7. 700, 800 and 900 Access Service

Upon ordering 700, 800 or 900 Access Service, the customer shall provide the Company a projected PIU factor in a whole number (i.e., a number 0 - 100) for the amount of traffic that the customer may originate for each State. The projected PIU factor is used by the Company until a revised report is received as set forth in C., following.

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORTS REQUIREMENTS (Cont'd)

C. Jurisdictional Reports

1. Percent Interstate Use (PIU) Factor

Except where Company measured access minutes are used as set forth in B.2., preceding, the customer provided PIU factor will be used until the customer reports a different projected PIU factor based on the following guidelines:

- a. The customer may update the interstate and intrastate PIU factor via jurisdictional report on a quarterly basis. The customer shall report the PIU factor by traffic and service type for each State. The customer shall forward to the Company a revised report, to be received no later than fourteen (14) days after the first of January, April, July and October. The revised report shall show the PIU factor for the most current data available, for each service arranged for interstate use. This data shall consist of at least three and no more than twelve consecutive months of data, ending no more than seventy-five (75) days earlier than the date the report is due (e.g., for the report due January 15th, the last month of data should be no earlier than October 31). The updated PIU factor shall be based on call detail records. The PIU factor can be based on a statistically valid sample. The PIU factor reported in January, April, July and October will be effective on the bill date of each such month and will serve as the basis for subsequent monthly billing pending the receipt of a revised PIU report.
- b. No prorating or back billing will be done based on the jurisdictional report. However, usage will be billed utilizing the intrastate percentage that was in effect at the time the usage was generated.
- c. The customer shall maintain and retain the work papers that show how the interstate percentage was determined and a summary derived from the actual call detail records for a minimum twelve (12) month period which statistically substantiates each interstate percentage provided to the Company. This summary at a minimum shall include month, year, state, traffic type (e.g., originating, terminating, 700, 8XX, 900, etc.) and service type.

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORTS REQUIREMENTS

C. Jurisdictional Reports (Cont'd)

2. Percent Other Message (POM) Factor

The customer-provided POM factor will apply to CCSAC ISUP Call Set-up requests only, and will be used until the customer reports a different projected POM factor based on the following guidelines:

- a. The customer may update the POM factor via jurisdictional report on a quarterly basis. The customer shall report the POM factor for each State. The customer shall forward to the Company a revised report, to be received no later than fourteen (14) days after the first of January, April, July and October. The revised report shall show the POM factor for the most current data available. This data shall consist of at least three (3) and no more than twelve (12) consecutive months of data, ending no more than seventy-five (75) days earlier than the date the report is due (e.g., for the report due January 15th, the last month of data should be no earlier than October 31). The updated POM factor shall be based on actual records, defined as either call detail records, call message counts (including incomplete attempts) or signaling message records. The POM factor may be based on a statistically valid sample. The POM factor reported in January, April, July and October will be effective on the bill date of each such month and will serve as the basis for subsequent monthly billing pending the receipt of a revised POM report. If the customer requests the Company to provide data, per the terms of Section 2.3.10.B.6., preceding, the data provided by the Company will comply with the terms of this Section.
- b. No prorating or back billing will be done based on the jurisdictional report. However, usage will be billed utilizing the POM percentage that was in effect at the time the usage was generated.
- c. The customer shall maintain and retain the work papers that show how the POM was determined and a summary derived from the actual records for a minimum twelve (12) month period which statistically substantiates each POM provided to the Company. This summary at a minimum shall include month, year and state. If the customer requests the Company to provide data, per the terms of Section 2.3.10.B.6., preceding, the Company will comply with the terms of this Section with respect to the data it provides.

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2. GENERAL REGULATIONS

2.3 OBLIGATIONS OF THE CUSTOMER

2.3.10 JURISDICTIONAL REPORT REQUIREMENTS

F. Identification and Rating of VoIP-PSTN Traffic (Cont'd)

VoIP-PSTN Traffic and associated facilities identified in accordance with this Tariff section will be billed at rates equal to the Company's applicable tariffed interstate switched access rates as set forth in CenturyLink Operating Companies F.C.C. No. 11 Tariff when applicable based on the schedule shown above.

1. Calculation and Application of Percent-VoIP- Usage Factors

- a. The Company will determine the number of VoIP-PSTN Traffic minutes of use (MOU) to which interstate rates will be applied under B, preceding, by applying an originating Percent VoIP Usage (PVU) factor to the total intrastate access MOU originated by a Company end user and delivered to the customer and by applying a terminating PVU factor to the total intrastate access MOU terminated by a customer to the Company's end user.
- b. The Company will use state average data and the customer provided Facility PVU to determine the monthly recurring credit for terminating VoIP-PSTN Traffic.
- c. The customer will calculate and furnish to the Company an originating PVU factor representing the whole number percentage of the customer's total originating intrastate access MOU that the customer exchanges with the Company in the State that is received from the Company and that is terminated in IP format and that would be billed by the Company as intrastate access MOU. (C)
- d. The customer will calculate and furnish to the Company a terminating PVU factor representing the whole number percentage of the customer's total terminating intrastate access MOU that the customer exchanges with the Company in the State that is sent to Company and which originated in IP format and that would be billed by the Company as intrastate access MOU. (C)
- e. The customer shall not modify their reported PIU factor to account for VoIP-PSTN Traffic.
- f. The customer will calculate and furnish to the Company a Facility PVU factor representing the whole number percentage of the customer's total monthly recurring switched transport charges that are associated with the intrastate access MOU included in the PVU factor.

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6. SWITCHED ACCESS SERVICE

6.2 PROVISION AND DESCRIPTION OF SWITCHED ACCESS SERVICES

6.2.3 FEATURE GROUP C (FGC)

A.8. (Cont'd)

a. Smart Public Access Line (PAL)

For traffic originating from a Smart PAL, the customer to whom such calls are routed shall order FGC trunks from end offices to the customer's premises via direct trunks or via Operator Access Tandems, with the Operator Trunk-Full Feature type of transport termination, as set forth in 6.3.2, following. The trunks must be dedicated, and the customer shall specify the number of trunks required at each end office from which the customer will receive 1+ sent-paid traffic.

The customer is responsible for providing all other operator services signaling capabilities, as described in the Operator Services Systems Generic Requirements (OSSGR) Technical Reference FR-271 and the LATA Switching Systems Generic Requirements (LSSGR) Technical Reference FR-64.

When the Company provides Operator Services Signaling (OSS) between an Operator Access Tandem and the customer's premises, the customer will be required to order a separate and final trunk group from the Operator Access Tandem to the customer's premises for each Numbering Plan Area (NPA) within a LATA to identify the originating NPA. Also, the customer must order a separate trunk group for each type of coin control signaling that is utilized among the equal access end offices subtending an Operator Access Tandem.

The Company will not block 101XXXX 1+ calls and will route 101XXXX 1+ interLATA sent-paid traffic in accordance to the end user request. It will be the responsibility of the 101XXXX 1+ dialed carrier to complete the casual 101XXXX 1+ interLATA sent-paid call or to provide a recorded message to the end user.

The Company will perform normal acceptance testing for sent-paid services for Smart PALs. In addition, the Company will perform testing for coin control and Operator Trunk-Full Feature (i.e., coin collect, coin return, 1+ person-to-person, operator recall, overtime and information calls). Test data files must be received from the customer that will be processing the 1+ interLATA sent-paid traffic 45 days prior to the routing of said 1+ traffic to that customer. The Company will provide optional testing, at the request of the customer, as set forth in Section 13, following.

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6. SWITCHED ACCESS SERVICE

6.2 PROVISION AND DESCRIPTION OF SWITCHED ACCESS SERVICES

6.2.4 FEATURE GROUP D (FGD)

A.12.a. (Cont'd)

When the Company provides Operator Services Signaling (OSS) between an Operator Access Tandem and the customer's premises, the customer will be required to order a separate and final trunk group from the Operator Access Tandem to the customer's premises for each Numbering Plan Area (NPA) within a LATA to identify the originating NPA. Also, the customer must order a separate trunk group for each type of coin control signaling that is utilized among the equal access end offices subtending an Operator Access Tandem.

The Company will not block 101XXXX 1+ calls and will route 101XXXX 1+ interLATA sent-paid traffic in accordance to the end user request. It will be the responsibility of the 101XXXX 1+ dialed carrier to complete the casual 101XXXX 1+ interLATA sent-paid call or to provide a recorded message to the end user.

The Company will perform normal acceptance testing for sent-paid services for Smart PALs. In addition, the Company will perform testing for coin control and Operator Trunk-Full Feature (i.e., coin collect, coin return, 1+ person-to-person, operator recall, overtime and information calls). Test data files must be received from the customer that will be processing the 1+ interLATA sent-paid traffic 45 days prior to the routing of said 1+ traffic to that customer. The Company will provide optional testing, at the request of the customer, as set forth in Section 13, following.

(C)

b. Basic PAL

For traffic originating from a Basic PAL, the Company shall provide 1+ interLATA sent-paid access from equal access end offices to the customer's premises via FGD trunks. For traffic originating from a Basic PAL dialed as 1+ and/or 101XXXX 1+, the customer to whom such calls are routed shall order or have existing FGD trunks with ANI optional feature, as set forth in 6.3.1, following.

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6. SWITCHED ACCESS SERVICE

6.7 RATE REGULATIONS (Cont'd)

6.7.7 MEASURING ACCESS MINUTES

Customer traffic to end office switches will be measured (i.e., recorded or assumed) by the Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Company to determine the basis for computing chargeable access minutes. In the event the customer message detail is not available because the Company lost or damaged data files or experienced recording system outages, the Company shall estimate the volume of lost customer access minutes of use based on previously known values. For terminating calls over FGA, FGB, FGC to 800/800-type and FGD, and for originating calls over FGA used for resale, FGB, FGD and *DID* Access, the measured minutes are the chargeable access minutes. For originating calls over FGA not used for resale and FGC, chargeable originating access minutes are derived from recorded minutes in the following manner.

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STEP 1

Obtain recorded originating minutes and messages (measured as set forth in B. and D., following, for FGA not used for resale and FGC respectively) from the appropriate recording data.

STEP 2

Obtain the total messages and attempts by multiplying the originating measured messages by the "attempts per message ratio". "Attempts per message ratios" (A/M) are obtained separately for the major call categories such as DDD, operator, 8XX, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgment from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.

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6. SWITCHED ACCESS SERVICE

6.8 RATES AND CHARGES (Cont'd)

6.8.2 LOCAL SWITCHING

A. Local End Office Switching

RATE PER ACCESS MINUTE

1. Local Switching

- Originating \$0.014441
- Terminating 0.000700 (R)

- End Office Shared Port
- Originating 0.000590
- Terminating 0.000000 (R)

- | | USOC | MONTHLY
RATE |
|--|-------------|-------------------------|
| • End Office Dedicated Trunk Port,[1]
per trunk | P4TWX | \$3.00 (R) |

[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 charge is \$3.00.

(T)
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6. SWITCHED ACCESS SERVICE

6.8 RATES AND CHARGES

6.8.2 LOCAL SWITCHING

B. Common Switching Optional Features (Cont'd)

	RATE		
• Feature Group A InterLATA Toll Denial, per Line	—		
		USOC	NONRECURRING CHARGE
• Clear Channel Capability (available with FGD), per Trunk Group[1]		NR4CA	\$12.50 (R) (T)

C. Transport Termination Options

FID

1. Lineside Terminations (For FGA)

• Two Way Operation	
- Dial Pulse with Loop Start	NC +++A
- Dial Pulse with Ground Start	NC +++E
- DTMF with Loop Start	NC +++F
- DTMF with Ground Start	NC +++G
• Terminating Operation	
- Dial Pulse with Loop Start	NC +++N
- Dial Pulse with Ground Start	NC +++P
- DTMF with Loop Start	NC +++R
- DTMF with Ground Start	NC +++S
• Originating Operation	
- Loop Start	NC +++U
- Ground Start	NC +++V

[1] The flat rated Clear Channel Capability 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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8. INFORMATION AND BILLING SERVICES

8.1 GENERAL TERMS AND CONDITIONS

B. Liability of the Company (Cont'd)

1. The Company's Liability for Recording Service is as follows:

If customer message detail is not available because the Company, due to its error or omission, lost or damaged data files or incurred recording system outages, the Company will estimate the volume of lost customer messages and associated revenue based on previously known values. The estimated customer message volume will be included along with the customer message detail provided to the customer and/or to a location, including the Company billing system, designated by the customer. (C)

When the Company is notified that, due to the Company's omission or error, incomplete message data has been provided to a customer, the Company will make every reasonable effort to locate and/or recover the data and provide new data files or data transmission to the customer at no additional charge. Recorded customer message detail is not retained by the Company for more than 45 days. Thereafter the recorded message detail is retained as billed message detail. (C)

C. Audit Provisions

Upon reasonable written notice by the customer to the Company, the customer shall have the right, through its authorized representative, to examine and audit, during normal business hours and at reasonable intervals as determined by the Company, all such records and accounts as may under recognized accounting practices contain information bearing upon the determination of revenues for which amounts may be payable to the customer and to request detail supporting the billed charges. The information subject to the audit will be limited to the period of time for which the service(s) were provided.

All information received or reviewed by the customer or authorized representative is considered confidential and is not to be distributed, provided or disclosed in any form to anyone not involved in the audit, nor is such information to be used for any other purpose.

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8. INFORMATION AND BILLING SERVICES

8.2 RECORDING SERVICE (Cont'd)

B. Definitions

Recording Service

The recording of the details of a message and, when requested by the customer, the provision of those details to the customer. Recording service includes recording, assembly and editing with provision of message detail or assembly and editing without provision of message detail.

• Recording-Completed

The entering on data files or other acceptable media the details of messages originated through Switched Access Service for which answer and disconnect supervision has been received. Recording is provided 24 hours a day, 7 days a week. (C)

• Assembly and Editing with Provision of Message Detail

The aggregation of the recorded message details to create individual messages, verification that required data for rating is present and the provision of this assembled message detail either on data files or via data transmission. (C)

• Assembly and Editing without Provision of Message Detail

The aggregation of the recorded message details to create individual messages and the verification that required data is present.

• Selective Processing

The option which provides the additional processing of messages recorded by the Company in order to provide only those messages requested for billing by a customer. This includes but is not limited to processing on an account, end office, or class of service basis. The Selective Processing charges will be determined on an individual case basis.

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8. INFORMATION AND BILLING SERVICES

8.2 RECORDING SERVICE (Cont'd)

C. Rate Application and Provisioning Parameters

For each message recorded, the recording and assembly and editing charges, as set forth in B., preceding, will apply, whether or not the customer's schedule of rates specifies billing on a per message basis or any other basis.

Except for lost or damaged records, the recorded detail will be available to the customer a minimum of five business days after the date all the detail requested by the customer was processed by the Company.

When recorded and assembled and edited message detail is provided to a customer, the message detail is entered on a data file or data transmitted for provisioning to a customer. The data charge per file or data transmission (as set forth in the Catalog for Information and Billing Services) per record will apply.

(C)

(C)

When selective processing is ordered, a recurring charge (ICB) for daily processing may apply. A development charge (ICB) for the design, programming and testing required to satisfy the customer's request may also apply.

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8. INFORMATION AND BILLING SERVICES

8.3 BILLING NAME AND ADDRESS

A. General Description

The Billing Name and Address (BNA) service provides the customer with a method of obtaining information needed to identify the customer's end users. BNA makes available to an authorized customer the billing name and address on those telephone numbers for which the customer has provided service but does not have an associated name and address in the customer's data base.

B. Rate Application and Provisioning Parameters

Contracts are required for each customer subscribing to this service. BNA will not be provided unless a contract is signed between the Company and the customer.

1. Methods

The Company will accommodate BNA requests in either of two ways, mechanized and/or manual.

a. Mechanized

The mechanized method accepts requests on an input data file or a transmitted data file in standardized format from the customer. (C)

b. Manual

The manual method accepts requests from the customer by telephone to a Company designated office and/or by paper via datafax or U.S. Mail.

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8. INFORMATION AND BILLING SERVICES

8.3 BILLING NAME AND ADDRESS

B. Rate Application and Provisioning Parameters (Cont'd)

2. Output

With both the manual and mechanized methods, the customer has several options for receiving BNA data. The customer may elect transmitted data files, and/or paper. For date file and transmitted data file output, the files are returned in the standardized format. For paper output, the BNA data is returned in a preformatted report. The BNA data will be provided to the customer at the same intervals the customer receives subscription data.

(C)
(C)

C. Rates

	ORDERING CODE	RATE
1. Billing Name and Address		
• Mechanical Method, per listing	N/A	\$0.17
• Manual Method, per listing	N/A	1.95

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**13. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND
MISCELLANEOUS SERVICES**

13.3 MISCELLANEOUS SERVICES (Cont'd)

13.3.6 PROVISION OF ACCESS SERVICE BILLING INFORMATION

- A. The customer will receive monthly bills and Customer Service Records (CSRs) in a standard paper format at no charge. At the option of the customer, monthly bills and CSRs may be provided electronically, in lieu of the standard paper format at no charge. (C)
(C)
- B. At the option of the customer Additional copies of the customer's monthly bill and/or CSR may be provided in standard paper or electronic format for an additional charge. (C)
(C)
(D)
(D)
- C. Upon acceptance by the Company of an order for data transmission, the Company will determine the period of time to implement the transmission of such material on an individual order basis.

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**13. ADDITIONAL ENGINEERING, ADDITIONAL LABOR AND
MISCELLANEOUS SERVICES**

13.3 MISCELLANEOUS SERVICES

13.3.6 PROVISION OF ACCESS SERVICE BILLING INFORMATION (Cont'd)

D. The rates and charges for the provision of Access Service Billing Information are as follows:

	FID	RATE	
			(D)
			(D)
2. Electronic Transmission to a customer's premises of Billing Detail and/or Information, Charges per record transmitted	BOD DT	ICB	(T)
3. Additional Copies of the customer's monthly bill or service and features record in standard paper format			(C)
• Per page	NOB NEL	ICB	(D)

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15. COMMON CHANNEL SIGNALING NETWORK (CCSN)

15.8 RATES AND CHARGES

A. Common Channel Signaling Access Capability (Cont'd)

3. CCS Link

	USOC	NONRECURRING CHARGE	MONTHLY RATE
• First CCS Link	NRBS1,NRME6	\$567.00	—
• Each additional	NRBSA,NRME7	180.00	—
4. STP PORT, per port	PT8SX	—	\$425.00
5. Multiplexing			
• DS1 to Voice	QMVXX,FMCNX	—	280.10
• DS3 to DS1[1]	QM3XX,FMC5X	—	300.00

B. Message Charge

		MONTHLY RATE ACCESS	POM
1. Signal Formulation			
• ISUP, Per call set-up request[2]			
- Originating		\$0.000829	—
- Terminating		0.000000 (R)	—
2. Signal Transport			
• ISUP, Per call set-up request[2]			
- Originating		0.000559	—
- Terminating		0.000000 (R)	—
• TCAP, Per data request[3]		0.000418	—
3. Signal Switching			
• Per ISUP, Per call set-up request[2]			
- Originating		0.001162	—
- Terminating		0.000000 (R)	—
• Per TCAP, Per data request[3]		0.000460	—

[1] For Shared Use only as set forth in 2.7, preceding.

[2] For application, see Section 2.3.12.B.2., preceding.

[3] For application, see Section 2.3.12.B.1., preceding.