

FACILITIES FOR INTRASTATE ACCESS

List of Effective Sheets

Sheet A through 375 of the schedule are effective as of the date shown on each sheet. Original or revised sheets contain all material including changes from the original schedule that are in effect on the date hereof.

<u>Sheet No.</u>	<u>Number of Revision Except As Indicated</u>	<u>Sheet No.</u>	<u>Number of Revision Except As Indicated</u>	<u>Sheet No.</u>	<u>Number of Revision Except As Indicated</u>
<b>Check Sheet 1</b>	<b>7<sup>th</sup> Revised*</b>	11	Original	46	Original
Check Sheet 2	5 <sup>th</sup> Revised	12	Original	47	Original
Check Sheet 3	3 <sup>rd</sup> Revised	13	Original	48	Original
<b>Check Sheet 4</b>	<b>1<sup>st</sup> Revised*</b>	14	Original	49	Original
Title Sheet 1	Original	15	Original	50	Original
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TOC 9	Original	24	Original	59	Original
TOC 10	Original	25	Original	60	1 <sup>st</sup> Revised
TOC 11	Original	26	Original	61	1 <sup>st</sup> Revised
TOC 12	Original	27	Original	61.1	Original
TOC 13	Original	28	Original	61.2	Original
TOC 14	Original	29	Original	61.3	Original
TOC 15	Original	30	Original	61.4	Original
<b>TOC 16</b>	<b>1<sup>st</sup> Revised*</b>	31	Original	62	Original
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9	Original	44	Original		
10	Original	45	Original		

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93	Original	127	Original	<b>161</b>	<b>3<sup>rd</sup> Revised*</b>
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99	Original	133	Original	167	Original
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101	Original	135	Original	169	Original
102	Original	136	Original	170	Original
103	Original	137	Original	<b>171</b>	<b>1<sup>st</sup> Revised*</b>
104	Original	138	Original	<b>172</b>	<b>2<sup>nd</sup> Revised*</b>
105	Original	139	Original	<b>173</b>	<b>1<sup>st</sup> Revised*</b>
106	Original	140	Original	174	Original

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175	2 <sup>nd</sup> Revised*	209	Original	243	Original
176	Original	210	Original	244	Original
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178	Original	212	Original	246	Original
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205	Original	239	Original	273	1 <sup>st</sup> Revised
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277	Original	311	Original	345	Original
278	Original	312	Original	346	Original
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281	Original	315	1 <sup>st</sup> Revised*	349	Original
282	Original	316	1 <sup>st</sup> Revised*	350	Original
283	Original	317	1 <sup>st</sup> Revised*	351	Original
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285	Original	319	1 <sup>st</sup> Revised*	353	Original
286	Original	320	1 <sup>st</sup> Revised*	354	Original
287	Original	321	1 <sup>st</sup> Revised*	355	Original
288	Original	322	1 <sup>st</sup> Revised*	356	Original
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FACILITIES FOR INTRASTATE ACCESS

TARIFF SCHEDULES

Regulations, Rates and Charges applying to the provision of Access Service for connection to intrastate communications facilities for Intrastate Customers within the operating territories of the Issuing Carrier

FRONTIER CALIFORNIA INC.  
9260 E. Stockton Blvd., Elk Grove, CA 95624

(Cal. P.U.C U-1002-C)

Access Services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof.

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<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

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<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

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<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

<sup>2</sup> BaseT Ethernet Digital Connect Switch Service is withdrawn as of November 16, 2005.

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<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of August 24, 2006. No moves, changes or additions will be permitted.

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FACILITIES FOR INTRASTATE ACCESS

EXPLANATION OF ABBREVIATIONS

AAM	- Assumed Access Minutes
AC	- Alternating Current
ACAT	- Additional Cooperative Acceptance Testing
ACD	- Automatic Call Distribution
AM	- Access Minutes
ANI	- Automatic Number Identification
AST	- Automatic Scheduled Testing
AT&TC	- American Telephone and Telegraph Communications, Inc.
BHMC	- Busy Hour Minutes of Capacity
CAROT	- Centralized Automatic Reporting on Trunks
CCS	- Centum-Call Seconds
CCS7	- Common Channel Signaling System 7
CN	- Charge Number
CO	- Central Office
CPN	- Calling Party Number
CSP	- Call Selection Parameter
CST	- Cooperative Scheduled Testing
CSU	- Circuit Switching Unit
DAM	- Distance in Airline Miles
dB	- Decibel
dBm	- Decibels below on milliwatt
DC	- Direct Current
DDS	- Digital Data Services
DDSSC	- Digital Data Services Secondary Channel
DTMF	- Dual Tone Multi-Frequency
DX	- Duplex
E&M	- The receive and transmit leads of a signaling system
ERL	- Echo Return Loss
FCC	- Federal Communications Commission
FDM	- Frequency Division Multiplex
FIA	- Facilities for Intrastate Access
Hz	- Hertz
IAM	- Initial Address Message
IC	- InterLATA Area Customer
IP	- Information Provider
kbps	- Kilobits per second
kHz	- Kilohertz
LATA	- Local Access and Transport Area
LDMTS	- Long Distance Message Telecommunications Services
Ma	- Milliampere
Mbps	- Megabits per second
MJU	- Multi-Junction Unit

Continued

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FACILITIES FOR INTRASTATE ACCESS

EXPLANATION OF ABBREVIATIONS

MMUC	-	Minimum Monthly Usage Charge
MST	-	Manual Scheduled Testing
MTL	-	Maximum Termination Liability
NANP	-	North American Numbering Plan
NPA	-	Numbering Plan Area
NST	-	Nonscheduled Testing
NXX	-	Three Digit Central Office Code
PAL	-	Public Access Line
PBX	-	Private Branch Exchange
PCM	-	Pulse Code Modulation
PL	-	Private Line
POC	-	Point of Connection
SF	-	Single Frequency
SP	-	Signaling Point
SRL	-	Singing Return Loss
SST	-	Signaling System
STP	-	Signal Transfer Point
STR	-	Switched Transport Rate
TAS	-	Tandem Access Sectorization
TASR	-	Tandem Access Sectorization Region
TSPS	-	Traffic Service Position System
V&H	-	Vertical & Horizontal
WATS	-	Wide Area Telecommunications Service

Continued

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FACILITIES FOR INTRASTATE ACCESS

A. APPLICABILITY

1. Applicable to regulations, rates and charges for Switched Facilities for Intrastate Access, hereinafter referred to as Switched Access, Special Facilities for Intrastate Access, hereinafter referred to as Special Access and Expanded Interconnection Service, or jointly, as FIA, provided by the Utility to InterLATA and IntraLATA Customers, which include carriers, end users, and any others subscribing to the services provided in this tariff. This tariff is also applicable to Ancillary and Miscellaneous services. This tariff does not apply to other services offered by the Utility.
2. Regulations, rates and charges in this tariff apply to FIA and shall not serve as a substitute for IC tariff offerings of services to end users. The provision of such FIA by the Utility does not constitute a joint undertaking with the customer for the furnishing of any service.

Special Note:

Rates, charges and conditions shown herein include all network facilities on the Utility's side of the Local Loop Demarcation Point (LLDP) as defined in Schedule. The purpose of the LLDP is to separate responsibility of the Utility from the responsibility of the building owner/customer. Exceptions to the LLDP are shown in the Product Guide, charges and conditions for tariffed work functions performed on the customer's side of the LLDP are as shown in Schedule.

B. TERRITORY

Within the serving area of the Utility.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS

A. Undertaking of the Utility

1. Scope

- a. The Utility does not undertake to transmit messages or offer a telecommunications service under this tariff.
  - b. The responsibility of the Utility shall be limited to the installation, operation and maintenance of the services which it provides.
  - c. The Utility will, for maintenance purposes, test its FIA only to the extent necessary to detect and/or clear troubles.
  - d. FIA are provided 24 hours daily, seven days per week.
- f. Provisions from other tariffs may be applicable to Access Service except that when provided in this tariff, provisions in this tariff shall take precedence.

2. Limitations

- a. The customer may not assign or transfer the use of FIA provided under this tariff except that, where there is no interruption of use or relocation of the FIA, such assignment or transfer may be made to:
  - (1) another customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such FIA, and the unexpired portion of the minimum period and the termination liability applicable to such FIA, if any, or
  - (2) a court appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such FIA, if any.
- b. In all cases of assignment or transfer, the written acknowledgement of the Utility is required prior to such assignment or transfer. Acknowledgement shall be made within 15 days from the receipt of notification. All rules and regulations contained in this tariff shall apply to such assignee or transferee.
- c. The assignment or transfer of FIA does not relieve or discharge the assignor or transferor from remaining jointly or severally liable with the assignee or transferee for any obligations existing at the time of the assignment or transfer.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

A. Undertaking of the Utility - Continued

2. Limitations - Continued

- d. The emergency provisioning and restoration of FIA shall be in accordance with Part 64, Subpart D, Paragraph 64.401. of the FCC's Rules and Regulations, which specifies the priority system for such activities. The service arrangement is described in Schedule Cal. P.U.C. No. A-4 and rate information is set forth in Section IV. of this tariff.
- e. The Utility does not warrant that its facilities and services meet standards other than those set forth in this tariff.

3. Liability

- a. The Utility's failure to provide or maintain FIA shall be excused by labor difficulties, governmental orders, civil commotions, acts of God or other circumstances beyond the Utility's reasonable control, except as otherwise provided for in this tariff.
- b. The Utility's liability, if any, for willful misconduct is not limited by this tariff. With respect to any other claim or suit, by a customer for damages associated with the installation, provision, termination, maintenance, repair or restoration of FIA, and subject to the provisions following, the Utility's liability, if any, shall not exceed an amount equal to the proportionate charge for the FIA for the period during which the FIA was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this tariff as a credit allowance for a provision of FIA interruption.
- c. The Utility shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Utility for its own act or omission hold liable any other carrier or customer providing a portion of a service.
- d. No license under patents is granted by the Utility to the customer or shall be implied or arise by estoppel in the customer's favor with respect to any circuit, apparatus, system or method used by the customer in connection with FIA provided under this tariff. With respect to claims of patent infringement made by third persons, the Utility will defend, indemnify, protect and save harmless the customer from and against all claims arising out of the use of FIA provided.
- e. The Utility shall be indemnified, defended and held harmless by the customer against any claim, loss or damage arising from the use of FIA offered. The foregoing indemnity shall issue on the customer separately, each being responsible for its own acts and omissions, involving:
  - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from any communications;
  - (2) Claims for patent infringement arising from combining or using the FIA furnished by the Utility in connection with facilities or equipment furnished by the customer; or
  - (3) All other claims arising out of any act or omission of the customer in the course of using FIA pursuant to this tariff.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

A. Undertaking of the Utility - Continued

3. Liability - Continued

- f. The Utility does not guarantee or make any warranty with respect to its FIA when used in a explosive atmosphere. The Utility shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to the FIA so provided. The foregoing indemnity shall issue on the customer separately, each being responsible for its own acts and omissions.
- g. The Utility shall reimburse the customer for damages to premises or equipment of the customer resulting from the provision of FIA by the Utility on such premises, or by the installation or removal thereof, caused by the negligence or willful act of the Utility.
- h. Except in the case of willful misconduct, under no circumstances whatever shall the Utility be liable for indirect, incidental, special or consequential damages; and this disclaimer shall be effective notwithstanding any other provisions hereof.

4. Provision of FIA

The Utility, after provision has been made for the Utility's telephone exchange services, to the extent that such FIA are or can be made available with reasonable effort, will provide to the customer, upon reasonable notice FIA offered in this tariff at rates and charges specified therein.

FIA provided to a customer may be connected directly to customer facilities and/or may be connected to access facilities of another telephone company or companies in the joint provision of intermarket area access.

5. Installation and Termination of FIA

Except as provided for Expanded Interconnection Service specified in Section XI, the FIA provided under this tariff (a) will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Utility's outside distribution network facilities at a suitable location inside a customer designated location, and (b) will be installed by the Utility to such point of termination.

6. Maintenance of FIA

- a. The FIA provided shall be maintained by the Utility. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any FIA provided by the Utility, other than by connection or disconnection to any interface means used, except with the written consent of the Utility.
- b. Customer provided transmission facilities and equipment terminating in the Utility wire center, access tandem, manhole or similar location for purposes of virtual Expanded Interconnection Service (EIS), as set forth in Section XI, will be maintained by the Utility.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

A. Undertaking of the Utility - Continued

7. Changes and Substitutions

Except as provided for equipment and systems subject to Part 68 of the FCC Rules and Regulations in 47 C.F.R. §168.110(b), the Utility may, where such action is reasonably required in the operation of its business, substitute, change, rearrange any telephone plant used in providing FIA, change minimum network protection criteria, change operating or maintenance characteristics of facilities, or change operations or procedures of the Utility. In case of any such substitution, change or rearrangement, the facility parameters will be within generally accepted standards. The Utility shall not be responsible if any such substitution, change or rearrangement renders any customer-furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution change or rearrangement materially affects the operating characteristics of the FIA the Utility will notify the customer in writing and work cooperatively with the customer relative to the changes required to the FIA. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics.

8. Discontinuance and Refusal of FIA

- a. If the customer fails to comply with the provisions this tariff, including any payments to be made by it on the dates or at the times herein specified, and fails within thirty (30) days after written notice, by certified mail, from the Utility to a person designated by the customer to correct such noncompliance, the Utility may discontinue the provision of the FIA to the noncomplying customer. In case of such discontinuance, all applicable charges shall become due.
- b. If the customer fails to comply with the provisions of this tariff in connection with the provision of FIA and fails to correct such course of action after notice as set forth in a., the Utility may refuse applications for additional FIA to the noncomplying customer until the course of action is corrected.
- c. The Utility is specifically granted the right to discontinue service to the end user for non-payment of any portion of the bill, including that portion of service billed by the Utility but rendered by a different carrier.

9. Preemption of FIA

In certain instances, i.e. when spare facilities and/or equipment are not available, it may be necessary to preempt existing services to provision or restore National Security Emergency Preparedness (NSEP) Services. If, in its best judgement, the Utility deems it necessary to preempt, then the Utility will ensure that:

- a. A sufficient number of public switched services are available for public use if preemption of such services is necessary to provision or restore NSEP Service.
- b. The service(s) preempted have a lower or do not contain NSEP assigned priority levels.
- c. A reasonable effort is made to notify the preempted service customer of the action to be taken.
- d. A credit allowance for any preempted service shall be made in accordance with the provisions set forth in Section 2.4.4(A).

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

A. Undertaking of the Utility - Continued

10. Limitation of Use of Metallic Facilities

- a. Signals applied to a metallic facility shall conform to limitations as set forth in the Technical Reference Publication AS No. 1. In the case of application of DC telegraph signaling systems, the customer shall be responsible, at its own expense, for the provision of current-limitation devices to protect the Utility facilities from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excessive noise.
- b. Metallic wire facilities (including facilities between wire centers) will be furnished only where such facilities are available and will be available to existing customers only. Additional legs may be added to existing circuits, but no new circuits will be established as of January 1, 1995.
- c. The Utility does not represent or guarantee that metallic wire channels will be compatible with or adaptable to any particular type of customer provided control or indicating equipment.

B. Use

1. Interference or Impairment

- a. The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Utility, including customer transmission equipment and facilities used with EIS, and associated with the FIA provided under this tariff shall not interfere with or impair service over any facilities of the Utility or other telephone companies involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to their employees or the public.
- b. Except as provided for equipment or systems subject to Part 68 of the FCC Rules and Regulations in 47 C.F.R. §68.108, if such characteristics or methods of operation are not in accordance with a preceding, the Utility will, where practicable, notify the customer that temporary discontinuance of the use of FIA may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Utility's right to temporarily discontinue forthwith the use of FIA if such action is reasonable under the circumstances. In case of such temporary discontinuance, the IC or end user will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, the allowance for interruption of FIA is not applicable.

3. Unlawful Use

The Utility shall refuse to establish service for any applicant and it shall discontinue and disconnect service to a customer whenever it has reasonable cause to believe that the use made or to be made of the service, or the furnishing of service to the premises of the applicant or customer, is prohibited under any law, ordinance, regulation, or other legal requirement, or is being or is to be used as an instrumentality, directly or indirectly, to violate or to aid and abet the violation of the law. A written notice to the Utility from any official charged with the enforcement of the law stating that such service is being used or will be used as an instrumentality to violate or to aid and abet the violation of the law is sufficient to constitute such reasonable cause.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligation of the Customer

1. Damages

The IC and end user separately, each being responsible for its own acts and omissions, shall reimburse the Utility for damages to FIA of the Utility caused by the negligence or willful act of the IC or end user, or resulting from improper use of the Utility FIA, or due to malfunction of any facilities or equipment provided by the IC or end user.

2. Theft

The IC and end user separately, each being responsible for its own location, shall reimburse the Utility for any loss through theft of facilities, apparatus, or equipment utilized to provide FIA under this tariff at the point of presence or at the end user's premises.

3. Equipment Space and Power

Except as specified in C.13, the customer shall furnish or arrange to have furnished to the Utility at no charge, equipment space and electrical power required by the Utility to provide FIA at the points of demarcation of such FIA. The equipment space provided shall meet industry standard environmental conditions. The selection of AC or DC power shall be mutually agreed to by the customer and the Utility. The customer shall also make necessary arrangements in order that the Utility will have access to such spaces at reasonable times for installing, repairing or removing facilities of the Utility.

4. Design of Customer Services

Subject to the provisions set forth under Changes and Substitutions in the General Regulations section, the customer shall be responsible at its expense for the overall design of their respective services and for any redesigning or rearrangement of such services which may be required because of changes in FIA, operations or procedures of the Utility, minimum network protection criteria or operating or maintenance characteristics of the FIA.

5. References to the Utility

The customer may advise its end users that certain FIA are provided by the Utility in connection with the service the customer furnishes to its end users; however, the customer shall not represent that the Utility jointly participates in the customer's services.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligation of the Customer - Continued

6. Claims and Demands for Damages

- a. With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Utility from and against all claims arising out of the combining with, or use in connection with, the FIA, any circuit, apparatus, system or method provided by the IC or its end users.
- b. The customer shall defend, indemnify and save harmless the Utility from and against suits, claims, and demands by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Utility's FIA including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain in effect any necessary certificates, permits, licenses or other authority to acquire or operate the FIA provided. However, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortuous conduct of the customer, its officers, agents or employees.

7. Coordination with Respect to Network Contingencies

The customer shall, in cooperation with the Utility, participate in planning the actions to be taken to maintain maximum network capability in the event of natural or man-made disasters which affect telecommunications services.

8. Availability for Testing

FIA shall be available to the Utility at times mutually agreed upon in order to permit the Utility to make tests and adjustments appropriate for maintaining the FIA in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.

9. Balance

All signals for transmission over the FIA shall be delivered by the customer balanced to ground except for loop and duplex (DX) and McCulloh-Loop (alarm system) type signaling and DC telegraph <sup>1</sup> transmission at speeds of 75 baud or less.

<sup>1</sup> Telegraph Service is withdrawn as of December 19, 2013.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements

a. Jurisdictional Determination

- (1) When the Utility receives sufficient call detail to permit it to determine the jurisdiction of some or all originating and terminating access minutes of use, the Utility will use that call detail to render bills for those minutes of use and will not use customer-provided Percent Interstate Usage (PIU) factors to determine the jurisdiction of those minutes of use.

The Utility will apply the PIU factor, either provided by the customer or as set forth in section 10.a.(2) or 10.c., or as otherwise determined in accordance with this tariff, only to minutes of use for which the Utility does not have sufficient call detail to determine jurisdiction. The customer-provided PIU factor will be used until the customer provides an updated PIU factor as set forth in 10.c. following. No prorating or back billing will be done based on the updated report.

There may be some portion of terminating minutes where it is not possible to know, and therefore to send, the needed originating number information. A "floor" of 7.00 percent (%) will be set for terminating minutes lacking originating number, for all switched access customers.

- (a) When the percentage of terminating traffic without sufficient call detail to determine jurisdiction does not exceed the sum of the floor plus a 2.00 percent (%) grace threshold or 9.00 percent (%), the Utility will apply the PIU factor, either provided by the customer or as set forth in section 10.a.(2).
- (b) When the percentage is greater than 9.00 percent (%), the Utility will assess rates from this tariff on all minutes exceeding the floor. For example, if 30 percent (%) of a customer's terminating minutes sent to the Utility do not contain sufficient originating information to allow the Utility to determine the originating location, then the Utility would apply the provisions of this tariff to those minutes exceeding the "floor", or 23.00 percent (%) in this example.

In the event that the Utility applies rates to terminating calls without originating number information as provided in this tariff, customers will have the opportunity to request backup documentation of the Utility's basis for such application, and further request that the Utility change the application of the intrastate access rate upon a showing of why the intrastate rate should not be applied.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

a. Jurisdictional Determination - Continued

(2) When the customer initially orders Switched Access Service(s), the customer will state in its order (Access Service Request) a PIU factor. This factor will be used by the Utility as the customer-provided PIU factor until the customer provides updated PIU factors as required in 10.c. following. For each service listed below, the customer may provide separate PIU factors in accordance with 10.a.(1) and 10.a.(3).

- Feature Group A (FGA) Switched Access Service <sup>1,2</sup>
- Feature Group B (FGB) Switched Access Service <sup>1,2</sup>
- Feature Group C (FGC) Switched Access Service <sup>1,2</sup>
- Feature Group D (FGD) Switched Access Service <sup>1,2</sup>
- Basic Serving Arrangement A (BSA-A) <sup>1,2,3</sup>
- Basic Serving Arrangement B (BSA-B) <sup>1,2,3</sup>
- Basic Serving Arrangement C (BSA-C) <sup>1,2,3</sup>
- Basic Serving Arrangement D (BSA-D) <sup>1,2,3</sup>
- 500 Access Services <sup>1,2</sup>
- 700 Access Services <sup>1,2</sup>
- Toll Free Services <sup>1,2,4</sup>
- 900 Access Services <sup>1,2</sup>

When a customer submits an order for Switched Access services, the customer must state the PIU factor on a statewide, LATA, or billing account number (BAN).

When the customer provides PIU factors, the Utility will subtract the developed PIU from 100 and the difference is the percent intrastate usage. The sum of the interstate and intrastate percentages will equal 100 percent. The customer may only provide a PIU factor that is a whole number (a number from 0 to 100).

- <sup>1</sup> The PIU factors will be applied to all associated elements and services, e.g. End Office Switching, Shared End Office Trunk Port, Tandem Switched Transport and Tandem Switching minutes of use, and Dedicated Trunk Port monthly charges.
- <sup>2</sup> The PIU for Switched Access services must be provided by the customer of record when used in conjunction with Switched EIS Services as described in Section XI of this tariff.
- <sup>3</sup> When determining the jurisdiction of Switched Access traffic provided via a BSA or Basic Service Element (BSE) and the intrastate equivalent of the BSA or BSE is only available on a bundled feature group basis, intrastate usage will be prorated to the bundled intrastate feature group equivalent of the BSA.
- <sup>4</sup> "Toll Free" service includes any access service which utilizes the following NPAs: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

a. Jurisdictional Determination- Continued

- (3) For purposes of developing the projected interstate percentage for Feature Group A (or BSA-A) and Feature B (or BSA-B), pursuant to Federal Communications Commission order FCC 85-145 adopted April 16, 1985, interstate usage is to be developed as though every call that enters a customer network at a point within the same state as that in which the called station is situated is an intrastate communication and every call that enters a customer's network at a point in a state other than that where the called station is situated is an interstate communication.

For Feature Group C (or BSA-C) and Feature Group D (or BSA-D), the customer shall consider every call that originates from a calling party in one state and terminates to a called party in a different state to be interstate communications. The customer shall consider every call that terminates to a called party within the same state as the state where the calling party is located to be intrastate communications. The manner in which a call is routed through the telecommunications network does not affect the jurisdiction of a call, i.e., a call between two points within the same state is an intrastate call even if it is routed through another state.

b. Entrance Facilities and Direct-Trunked Transport Facilities

The Utility will develop a PIU factor to apply to Entrance Facility and Direct-Trunked Transport rate elements when sufficient call detail exists. The Utility will apply the PIU factor provided by the customer as set forth in 10.a.(2) or 10.c only when the Utility does not have sufficient data to develop a PIU factor.

A customer may provide a separate PIU factor for each rate element (Entrance Facility, Direct-Trunked Transport) at a Billing Account Number or higher reporting level reflecting the originating and terminating traffic of all Switched Access services that use such facilities. When a customer orders the same type of Entrance Facility and Direct-Trunked Transport, i.e., DSO, DS1 or DS3, from the CDL to the first point of switching or Utility hub, the customer may submit one PIU factor to be applied to both the Entrance Facility and the Direct Trunked Transport. A consolidated PIU factor for all Entrance Facility and Direct-Trunked Transport elements may be provided at the option of the customer if such PIU factor is representative of the actual interstate use of the service.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

c. Jurisdictional Report Updates

The customer may update the interstate and intrastate jurisdictional reports on a quarterly basis. The reports will be based on the prior three months and will be due within fifteen days after the end of the quarter beginning with the completion of the first full quarter of service. In the event that the Utility does not have sufficient data to calculate PIU factors, these factors will be applied to activity dated on or after the first day of the next calendar month, which begins at least 15 business days after the day on which the revised report or letter is received.

If the revised factors represent what the Utility considers to be a substantial deviation (a deviation of 5 (five) percentage points or more for the preceding twelve calendar months is a substantial deviation) from the customer's previously reported factors and cannot be attributed to seasonal changes or other identifiable reasons, the Utility will request a Jurisdictional Report Verification of the factors as set forth in (C).10.e following.

When the Utility does not have sufficient data to rely on actual call detail or to develop a PIU factor, the revised report or letter will serve as the basis for the next three months' billing and will be effective on the bill date for that service. If the customer does not supply an updated quarterly report or letter, the Utility will assume the customer-provided PIU factors to be the same as those provided in the last quarterly report or letter accepted by the Utility.

For those cases in which a quarterly report or letter has never been received from the customer, the Utility will assume the customer-provided PIU factors to be the same as provided in the order for service.

A customer may file jurisdictional reports aggregating usage at a statewide, LATA, or BAN (Billing Account Number).

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

d. Maintenance of Customer Data

The customer shall retain for a minimum of twelve months call detail records that substantiate the interstate percent provided to the Utility as set forth in 10.a., 10.b. and 10.c. preceding for switched access service. Such records shall consist of (1) and (2) following, if applicable:

- (1) All call detail records such as work papers and/or backup documentation including paper or any other form of records for billed customer traffic, call information including call originating and terminating address (i.e., calling, called number), the call duration, all originating and terminating trunk groups or access lines over which the call is routed, and the point at which the call enters the customer's network and;
- (2) If the customer has a mechanized system in place that calculated the PIU factor, then a description of that system and the methodology used to calculate the PIU factor must be furnished and any other pertinent information (such as but not limited to flowcharts, source code, etc.) relating to such system must also be made available.

e. Jurisdictional Report Verification

The Utility may request the customer to verify their jurisdictional reports. The customer shall keep records of call detail from which the percentage of interstate and intrastate use can be ascertained. The Utility will request the customer to provide the records of call detail and other information (as specified in 10.d. preceding), used to determine the percentage of interstate and intrastate use. No more than one verification request will be made per year.

If the PIU factors filed by the customer cannot be validated by the data provided, and the data provided by the customer is sufficient to calculate a PIU factor different than the customer's reported PIU factor, the Utility will use these records to:

- (1) Revise the customer's PIU factor.
- (2) Calculate the interstate and intrastate access charges that should have been billed to the customer for the prior period specified in 10.d. preceding and debit or credit the customer for the difference between the charges that should have been billed with the default PIU and the charges that were billed.

The customer shall supply the data to the Utility within 30 days of the Utility request. The Utility will request data for the four prior quarters unless a shorter period is requested by the customer and agreed to by the Utility.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

e. Jurisdictional Report Verification - Continued

If the customer fails to supply data sufficient for the Utility to substantiate or determine PIU factors within 45 calendar days of the Utility's request, (as specified in 10.d. preceding) then:

- (1) The Utility will apply a default PIU factor of 50% to the traffic for which the Utility does not have sufficient call detail to determine the jurisdiction of the traffic ("unknown jurisdiction" usage) (i.e. 50% of the unknown jurisdiction usage will be billed under the interstate jurisdiction and 50% of the unknown jurisdiction usage will be billed under the intrastate tariff) in lieu of the PIU factors last submitted by the customer.
- (2) The Utility will apply the default PIU factor to all future access minutes of use with unknown jurisdiction beginning with the first bill date following the 45 calendar day period during which the customer was to submit the records of call detail requested by the Utility. The application of the default PIU factor will continue until the customer provides the Utility with records of call detail or other data that are sufficient for the Utility to substantiate the customer-provided PIU factors.

f. Contested Jurisdictional Reports

If after reviewing the data provided by the customer the Utility determines that that the customer-provided PIUs are inaccurate, the Utility will report the results of the analysis to the customer by Certified U.S. Mail (return receipt requested). The Utility will request that the customer provide updated PIU factors consistent with those contained in the Utility's report.

If the Utility applies the revised or default PIU factor to the customer's account as provided in 10.e. preceding in lieu of the customer-provided PIU factor, the customer may contest application of the default PIU by providing written notification, by Certified U.S. Mail (return receipt requested), to the Utility within thirty (30) calendar days from the date the revised or default PIU is applied or the date that the Utility provides notice to the customer of its decision to apply the revised or default PIU. The customer may request that the dispute be resolved by a neutral arbitrator mutually agreed upon by the Utility and the customer. Arbitration is an option provided in addition to the customer's existing right to file a complaint or legal action in a court of law or at the California Public Utilities Commission for resolution of the dispute. The arbitration hearing will be conducted in a state or location within the Utility operating territory where the customer maintains its principal place of business or at a location within the Utility operating territory that is mutually agreed upon by both parties. The arbitration procedures shall be governed by the law (both statutory and case) of the state in which the arbitration hearing is held, including, but not limited to, the Uniform Arbitration Act, as adopted in that state. The arbitrator shall determine the customer's PIU for each state for each category of traffic based on the standards in 10.a., 10.b. and 10.c. preceding.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

f. Contested Jurisdictional Reports - Continued

Prior to the arbitration hearing, each party shall notify the arbitrator of the PIU factor(s) which that party believes to be correct. The arbitrator, in deciding, may adopt the PIU percentage of either party or may adopt a PIU different from those proposed by the parties. If the arbitrator adopts a PIU proposed by one of the parties, the other party (whose PIU was not adopted) shall pay all costs of the arbitration. If the arbitrator adopts a PIU percentage higher than either of the PIU proposed by the parties, then the party proposing the lower PIU shall pay all costs of the arbitration. If the arbitrator adopts a PIU lower than either of the PIU proposed by the parties, then the party proposing the higher PIU shall pay all costs of the arbitration. If the arbitrator adopts a PIU which falls between the two percentages adopted by the parties, then the parties shall each pay one-half of the arbitration costs.

The PIU factor(s) for each state for each category of traffic determined by the arbitrator will be applied by the Utility to all future access minutes of use with unknown jurisdiction from that customer in that state until the customer provides the Utility with records of call detail or other data that are sufficient for the Utility to substantiate the customer-provided PIU factors.

Absent the customer's written notification, within the timeframe noted above, the customer must comply with the provisions set forth in 10.d. and 10.e. preceding. If the customer fails to comply with these provisions, the customer will be in violation of this Tariff and the Utility may refuse additional applications for service and/or refuse to complete any and all pending orders for service or may discontinue the provision of the services to the customer as specified in A.8. preceding.

The Utility retains the right to pursue any and all other legal remedies, whether in addition to, or in lieu of, the above procedures, to recover any under-billed switched access charges associated with incorrect customer-provided PIU factors under the applicable interstate or intrastate tariffs.

11. InterLATA 900 Service

When a customer offers interLATA information services using the 900 service class code, the following will apply:

- a. Customers offering this service must include a separate prefix for Information Providers (IPs) of harmful matter, as identified in California Penal Code Section 313(a), and allow blocking of 900 programs.
- b. 900 InterLATA Service may only be offered where blocking to 900 programs is available to end users. Blocking is available to end users under the terms and conditions set forth in Schedule Cal. P.U.C. No. A-40.
- c. Each program must contain a disclosure message.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer

11. InterLATA 900 Service - Continued

- d. The customer shall monitor all charges collected on behalf of IPs to insure that price levels, as specified in California Decision No. 91-03-021, are not exceeded.
- e. The customer shall disclose the name, address and business telephone number of an IP upon request of any end user.
- f. The customer must establish a specific complaint procedure and an adjustment policy as defined in Decision No. 91-03-021, Attachment D. The Utility will adopt the established procedure when the Utility provides Billing and Collection services for the customer.

12. Identification and Rating of VoIP-PSTN Traffic

a. Scope

- (1) VoIP-PSTN Traffic is defined as traffic exchanged between a Frontier end user and the customer in time division multiplexing ("TDM") format that originates and/or terminates in Internet protocol ("IP") format. This section, C. 12., governs the identification of VoIP-PSTN Traffic that is required to be compensated at interstate access rates by the Federal Communications Commission in its Report and Order in WC Docket Nos. 10-90, etc., FCC Release No. 11-161 (Nov. 18, 2011) ("Order") as modified by its Second Order on Reconsideration, FCC Release No. 12-47 (Apr. 25, 2012), and as codified in 47 C.F.R. § 51.319 ("Reconsideration Order"), and unless Frontier and the customer have agreed otherwise. Specifically, this section establishes the method of separating such traffic (referred to in this tariff as "Relevant VoIP-PSTN Traffic") from the customer's traditional intrastate access traffic, so that such Relevant VoIP-PSTN Traffic can be billed in accordance with the FCC Orders.
- (2) This section will be applied to the billing of switched access charges to a customer that is a local exchange carrier only to the extent that the customer has also implemented billing of interstate access charges for Relevant VoIP-PSTN Traffic in accordance with the FCC Order.

b. Rating of VoIP-PSTN Traffic

The Relevant VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to Frontier's applicable tariffed interstate switched access rates as provided in Tariff FCC14. Intrastate access minutes of use not required to be billed at interstate rates pursuant to this section C. 12 will be billed in accordance with the other rate provisions of this Tariff (absent an agreement between Frontier and the customer on a different compensation mechanism).

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

12. Identification and Rating of VoIP-PSTN Traffic - Continued

c. Calculation and Application of Percent-VoIP-Usage Factor

Frontier will determine the number of Relevant VoIP-PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under subsection b., above, through the use of a Percent VoIP Usage ("PVU") factor, which in turn will be based on a PVU-C factor and a PVU-V factor. These factors will be derived and applied as set forth below. The PVU-V and PVU-C factors will be based on information such as the number of Frontier's or the customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.

- (1) For the period on and after December 29, 2011 to July 12, 2012, and for the period on and after July 1, 2014:
  - (a) The customer will calculate and furnish to Frontier a PVU-C factor representing the percentage of the total access MOU that the customer exchanges with Frontier in the State, that (a) is sent to Frontier and that originated in IP format; or (b) is received from Frontier and terminated in IP format. A PVU-C factor for the period December 29, 2011 through July 12, 2012 must be submitted by April 15, 2012, in order to apply retroactively to December 29, 2011. A PVU-C factor for the period on and after July 1, 2014 will be submitted by June 1, 2014.
  - (b) Frontier will, likewise, calculate PVU-V factors for the two periods representing the percentage of Frontier's total access MOU in the State that Frontier originates or terminates on its network in IP format, and will begin applying those PVU-V factors to the calculation of the PVU factor as of December 29, 2011 and July 1, 2014, respectively.
- (2) For the period from July 13, 2012 through June 30, 2014:
  - (a) The customer will calculate and furnish to Frontier, before July 12, 2012, a PVU-C factor representing the percentage of the total intrastate and interstate access MOU sent by the customer to Frontier in the State that the customer originates in IP format. If the customer submitted a PVU-C factor under section C. 12. c. (1)(a) and does not furnish a new factor under this section C. 12. c. (2)(a), Frontier will use that previously submitted factor as the PVU-C for purposes of this subsection (2)(a).
  - (b) Frontier will, likewise, calculate a PVU-V factor for this period representing the percentage of Frontier's total terminating access MOU in the State that Frontier terminates on its network in IP format, and will begin applying that PVU-V factor to the calculation of the PVU factor as of July 13, 2012.
- (3) The PVU factor will be calculated as the sum of: (A) the PVU-C factor and (B) the PVU-V factor times (100% minus the PVU-C factor).

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

12. Identification and Rating of VoIP-PSTN Traffic - Continued

c. Calculation and Application of Percent-VoIP-Usage Factor - Continued

- (4) For the period on and after December 29, 2011 to July 12, 2012 and for the period on and after July 1, 2014, Frontier will apply the PVU to the total intrastate access MOU exchanged with the customer to determine the number of such minutes that will be billed at the applicable interstate switched access rates. For the period from July 13, 2012 through June 30, 2014, Frontier will apply the PVU factor to the total terminating intrastate access MOU received from the customer, and the resulting number of minutes will be billed at terminating interstate access rates; during this period, originating VoIP-PSTN Traffic will be billed at Frontier's intrastate access rates.

*Example 1:* For February 2013, the PVU-V is 10% and the PVU-C is 40%. The PVU factor is equal to  $40\% + (10\% \times 60\%) = 46\%$ . Frontier will bill 46% of the customer's terminating intrastate access MOU at its tariffed interstate terminating switched access rates.

*Example 2:* For September 2014, the PVU-V is 10% and the PVU-C is 0%. The PVU factor is  $0\% + (100\% \times 10\%) = 10\%$ . Frontier will bill 10% of the customer's intrastate access MOU at Frontier's tariffed interstate switched access rates (originating or terminating, as applicable).

*Example 3:* For a period after December 29, 2011 and prior to July 13, 2012, the PVU-C is 100%. No matter what the PVU-V factor is, the PVU is 100%. Frontier will bill 100% of the customer's intrastate access MOU at Frontier's tariffed interstate switched access rates (originating or terminating, as applicable.).

d. Initial PVU Factor and PVU Factor Changes

- (1) If the PVU factor for the period from December 29, 2011 to July 12, 2012 is not available and/or cannot be implemented in Frontier's billing systems by December 29, 2011, once that factor is available and can be implemented Frontier will adjust the customer's bills to reflect that PVU retroactively to December 29, 2011. In calculating the initial PVU to be applied from December 29, 2011 to July 12, 2012, Frontier will take the customer-specified PVU-C into account retroactively to December 29, 2011, provided that the customer provided the factor to Frontier no later than April 15, 2012.
- (2) The customer may submit an updated factor quarterly using the methodology set forth in subsection (C)(1) or (C)(2), above, as applicable. If the customer chooses to submit such updates, it shall forward to Frontier, no later than 15 days after the first day of January, April, July and/or October of each year, a revised PVU-C factor based on data for the prior three months, ending the last day of December, March, June and September, respectively. Frontier will use the revised PVU-C to calculate a revised PVU. The revised PVU factor will apply prospectively and serve as the basis for billing until superseded by a new PVU.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

12. Identification and Rating of VoIP-PSTN Traffic - Continued

d. Initial PVU Factor and PVU Factor Changes - Continued

(3) Verification

Not more than twice in any year, Frontier may ask the customer to verify the PVU-C factor furnished to Frontier and customer may ask Frontier to verify the PVU-V factor and the calculation of the PVU factor. The party so requested shall comply, and shall reasonably provide the records and other information used to determine the respective PVU-C and PVU-V factors.

13. Regulations Applicable to IntraLATA Special Access

a. Regulations Applicable to Connection of Customer-Provided Equipment and Systems

- (1) The Utility shall not be responsible for the installation, operation or maintenance of any customer-provided equipment or systems. The facilities of the Utility are not represented as adapted to the use of customer-provided equipment and systems, and where such equipment or systems are connected to Utility facilities the responsibility of the Utility shall be limited to the furnishing of facilities suitable for private line service and to the maintenance and operation of such facilities in a manner proper for the service furnished; subject to this responsibility the Utility shall not be responsible for (1) the through transmission of signals generated by the customer-provided equipment or systems or for the quality of, or defects in, such transmission, or (2) the reception or signals by the customer-provided equipment or systems.
- (2) The Utility shall not be responsible to the customer or otherwise if changes in the criteria contained in 2. or if any of the facilities, operations or procedures of the Utility render any customer-provided equipment or facilities obsolete or require modification or alteration of such equipment facilities or otherwise affect its use or performance.
- (3) Where services set forth in the tariff schedules of the Utility are available for use in connection with customer-provided equipment or systems the operating characteristics of such equipment or systems shall be such as to not interfere with any of the services offered by the Utility. Such use is subject to the further provisions that the customer-provided equipment or systems does not endanger the safety of the Utility employees or the public; damage, require change in or alteration of the equipment or other facilities of the Utility; interfere with the proper functioning of such equipment or facilities; impair the operation of other facilities or otherwise injure the public in its use of the Utility's services. Upon notice from the Utility that the customer-provided equipment or systems is causing or is likely to cause such hazard or interference, the customer shall make such change as shall be necessary to remove or prevent such hazard or interference. The customer shall be responsible for the payment of all Utility charges for visits by the Utility to the customer's premises where a service difficulty or trouble report results from customer-provided equipment or systems.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

13. Regulations Applicable to IntraLATA Special Access - Continued

a. Regulations Applicable to Connection of Customer-Provided Equipment and Systems - Continued

- (4) Where any customer-provided equipment or systems is used with private line service, in violation of any of the provisions in D. the Utility will take such immediate action as necessary for the protection of its facilities, and will promptly notify the customer of the violation. The customer shall discontinue such use of the equipment or systems or correct the violation and shall confirm in writing to the Utility within 10 days, following the receipt of written notice from the Utility, that such use has ceased or that the violation has been corrected. Failure of the customer to discontinue such use or to correct the violation and to give the required written confirmation to the Utility within the time stated above shall result in suspension of the customer's service until such time as the customer complies with the provisions of this tariff.
- (5) HCDS is available under this tariff for use in connection with terminal equipment provided by a customer or authorized user. The operating characteristics of such equipment or systems shall be such as not to interfere with any of the services offered by the Utility. Such use is subject to further provisions that the equipment provided by a customer or authorized user does not endanger the safety of Utility employees or the public, damage, require change in or alteration of the equipment or other facilities of the Utility, interfere with the proper functioning of such equipment or facilities, impair the operation of the Utility's facilities or otherwise injure the public in its use of the Utility services.
- Upon notice from the Utility that the equipment provided by a customer or authorized user is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
- (6) The customer shall be responsible for:
- (a) Compatibility of the connected terminal equipment and the HCDS.
- (b) Testing, sectionalization and clearance of trouble conditions or service difficulties on the terminal equipment which is connected to HCDS.
- (7) Where a customer elects to connect a customer-provided communications system to High Capacity Digital Service, the customer shall be responsible for:
- (a) Compatibility of the connected communications system. This includes the modification or replacing of Channel Service Units due to technological changes in the network.
- (b) Testing, sectionalization and clearance of trouble conditions or service difficulties on any communications system which is connected to High Capacity Digital Service.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

C. Obligations of the Customer - Continued

13. Regulations Applicable to IntraLATA Special Access - Continued

a. Regulations Applicable to Connection of Customer-Provided Equipment and Systems - Continued

(8) All signals generated by customer-provided terminal equipment must meet signal and format standards as listed below:

- Data Rate: 1.544 Mbps +/- 75 bps
- Consecutive Zeros: No more than 15 consecutive zeros may be generated
- Pulse Density: At least 3 pulses in any 24 bit interval

b. Miscellaneous

- (1) The customer will be held responsible for loss of or damage to any equipment or apparatus furnished by the Utility, unless such loss or damage is due to causes beyond his control.
- (2) Except as expressly provided in the tariff schedules, the Utility will not permit the customer or authorized user to use the private line facilities in connection with central office exchange service lines or toll service lines of the Utility or any other telephone utility without the Utility's written consent.
- (3) In case a shortage of facilities exists at any time either for temporary or protracted periods, the establishment of message toll telephone and teletypewriter exchange services shall take precedence over all others.
- (4) For liability and allowance for interruptions of service see D&R Rule No. 21.
- (5) Maintenance Visit Charge

The customer shall be responsible for payment of a visit charge, as set forth in the Product Guide, for visits by the Utility to the premises of the customer where the service difficulty is found to be the result of customer-provided facilities or equipment.

14. Space and Power for Expanded Interconnection Service

Where available, the Utility shall make available wire center or access tandem floor space and electrical power required by the customer for the provision of Expanded Interconnection Service at charges set forth in Section XI.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

D. Payment Arrangements and Credit Allowances

1. Payment of Charges and Deposits

- a. Where provision of FIA involves an abnormal investment, a customer may be required to make payment in advance of such portion of the estimated cost of the installation of construction as is to be borne by it. The amount of the advance payment will be credited to the customer's account as applying to the indebtedness of the customer for the FIA provided.
- b. When a customer has a proven history of late payments to the Utility or does not have established credit, the Utility may, in order to safeguard its interests, require a deposit prior to or at any time after the provision of the FIA to the customer. Such deposit is held by the Utility as a guarantee of the payment of rates and charges. No such deposit will be required of a customer which is a successor of a company which has established credit and has no history of late payments to the Utility. A deposit may not exceed the charges for the FIA for a two month period. The fact that a deposit has been made in no way relieves the customer from complying with the Utility's regulations as to advance payments or the prompt payment of bills. At such time as the provision of the FIA to the customer is terminated, the amount of the deposit will be credited to the customer's account and any credit balance which may remain will be refunded. After the customer has established a one year prompt payment record, such a deposit will be refunded or credited to the customer account at any time prior to the termination of the provision of the FIA. In case of a cash deposit, for the period the deposit is held by the Utility, the customer will receive simple annual interest at the rate as set forth in Schedule Cal. P.U.C. No. D&R.
- c. The Utility shall bill on a current basis for all charges, including any applicable taxes, incurred by, and credits due to, the customer attributable to FIA established or discontinued during the preceding billing period. Switched Access (except for the Entrance Facility, Direct-Trunked Transport and Multiplexing elements), Ancillary and Miscellaneous service shall be billed in arrears. Special Access, monthly EIS elements, Switched Access Entrance Facility, Direct-Trunked Transport and Multiplexing elements shall be billed in advance except for the charges and credits associated with the initial or final bills. The initial bill will also include charges for the actual period of service up to, but not including, the bill date. The unused portion of the FIA already billed will be credited on the final bill. Adjustments for the quantities of FIA established or discontinued in any billing period beyond the minimum periods will be prorated to the number of days or major fraction of days based on a 30 day month. The Utility will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.
- d. All bills to the customer are due 31 days (payment date) after the bill date or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval. In the event the customer does not remit payment in immediately available funds by the payment date, the FIA may be discontinued as specified in A.8.
- e. The Utility will provide a bill referencing actual periods for which charges are due. This report includes each rate element, total minutes and the exact time frames in which service was provided. In the event of backbilling, this report will provide the customer with sufficient information to reconcile the access billing and revenue remittance.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

D. Payment Arrangements and Credit Allowances - Continued

1. Payment of Charges and Deposits - Continued

f. The Late Payment Charge as specified in the Schedule Cal. P.U.C. No. D&R also applies to FIA.

2. Minimum Periods

a. The minimum periods for which FIA are provided and for which rates and charges are applicable are set forth in the Ordering Options for FIA.

b. The minimum periods for which FIA are provided and for which rates and charges are applicable for a Specialized FIA or Arrangements provided on an individual case basis, are established with the individual case filing.

c. For discontinuances of FIA with a one month minimum period, all applicable charges for the one month period will apply. In instances where the minimum period is greater than one month, the charge will be the lesser of the Utility's nonrecoverable costs less the net salvage value for the discontinued service or the minimum period charges.

d. The minimum periods, rates, charges, and provisions that apply to Ancillary Services are set forth in Section V.

e. The minimum periods for which Expanded Interconnection Services are provided and which rates and charges are applicable are in Section XI.

3. Cancellation of an Order for FIA

Provisions for the cancellation of an order for FIA are set forth in Ordering Options for FIA.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

D. Payment Arrangements and Credit Allowances - Continued

4. Allowances for Interruptions

a. General

A FIA is interrupted when it becomes unusable to the customer due to a failure of a Utility provided component used to furnish FIA or when the service was preempted as a result of invoking NSEP treatment or when the application of protective controls interrupt all transmission paths, a credit allowance will be made for the period in excess of 30 minutes the FIA is interrupted. An interruption period starts when the Utility personnel become aware of the inoperative FIA. The credit allowance(s) for an interruption or for a series of interruptions will be computed based on the billing method which applies to the service being credited. In no case will the credit allowance for service interruptions exceed the applicable charges for the billing period during which the interruption occurred.

A credit allowance for any FIA service will apply for the period specified as follows:

- (1) For Special Access services other than Program Audio, Videoband and Expanded Interconnection, and for Switched Access Entrance Facilities, Direct-Trunked Transport and Multiplexing services a credit allowance will be made for an interruption period of 30 minutes or more. The allowance will be calculated at the rate of 1/1440 of a monthly charge for the portion of the FIA affected, for each 30 minutes or major fraction thereof that the interruption continues. A major fraction is considered to be sixteen minutes or more beyond the 30 minute period.
- (2) For DS1 and DS3 Special Access service, a credit allowance will be made for each occurrence of a service interruption period of three or more consecutive hours. This credit allowance is in addition to the credit allowance in D.4.a.(1). The credit allowance will be \$200.00 for each out of service condition within the Utility's facilities. The credit allowance will not be applied more than once per calendar month and will not exceed the monthly charge for the interrupted service.

A credit allowance will not be extended in accordance with conditions in A.3.a. and D.4.b. for repair of Utility owned facilities used to provide DS1 and DS3 service.

- (3) Credit allowances for interruptions to Switched Access are based on the applicable monthly rates and minimum charges. No credit will be given where Switched Access billing is based on actual usage.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

D. Payment Arrangements and Credit Allowances - Continued

4. Allowances for Interruptions - Continued

b. Exceptions

A credit allowance does not apply for:

- (1) Interruptions caused by the negligence of the customer.
- (2) Interruptions of FIA due to the failure of equipment or systems provided by the customer or others.
- (3) Interruptions of FIA during any period in which the Utility is not afforded access to the premises where FIA is terminated.
- (4) Interruptions of FIA during an agreed upon period when the customer has released FIA to the Utility for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in FIA. Should the maintenance, rearrangement or order implementation interruption period extend beyond the agreed upon period, a credit allowance will apply.
- (5) Periods when the customer elects not to release FIA for testing and/or repair and continues to use it on an impaired basis.
- (6) Periods when the Utility must temporarily interrupt an EIS, as defined in Section XI, in order to prevent damage or disruption of the Utility's network due to the customer's equipment.
- (7) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.
- (8) EIS elements specified in Section XI.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

D. Payment Arrangements and Credit Allowances

4. Allowances for Interruptions - Continued

c. Use or an Alternative Service Provided by the Utility

Should the customer elect to use an alternative service provided by the Utility during the period that FIA is interrupted, the customer must pay the tariffed rates and charges for the alternative service used.

d. Temporary Surrender of FIA

In certain instances, the customer may be requested to surrender FIA for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, or in the instance of preemption under NSEP treatment, as set forth preceding, a credit allowance will be granted in accordance with the provisions set forth previously in this section.

5. Performance Commitment Program

All refunds under the Performance Commitment Program will be provided as a credit adjustment to the customer's bill.

a. Performance Commitment Program - Provisioning

The Utility assures that orders for FIA will be installed and available for customer use no later than the service date as referenced in Section VI.B.1, Service Date Intervals. The inability of the Utility to meet the service date of an Access Service Request will result in the refund of all nonrecurring charges associated with the Access Service Request. The Utility's liability for not meeting this commitment is limited to the refund of the nonrecurring charges for the Access Service Request associated with the missed service date.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

D. Payment Arrangements and Credit Allowances

5. Performance Commitment Program - Continued

a. Performance Commitment Program - Provisioning - Continued

The Performance Commitment Program - Provisioning does not apply:

- (1) when the Utility does not meet the service date because of conditions listed in A.3.a. or due to actions of the customer,
- (2) when Frontier is not the Access Service Coordination Exchange Carrier (ASC-EC) and the Service Date is not met by the Local Exchange Carrier (LEC) acting as ASC-EC or any other LEC involved in providing the service.

See diagram below for indication of when the Frontier nonrecurring charge refund will apply:

	Frontier ASC-EC	Another LEC ASC-EC
Misses Date	Frontier Refund applies	Frontier Refund applies
Another LEC misses Date	Frontier Refund applies	Frontier Refund does not apply

- (3) to Expanded Interconnection Services as provided in Section XI.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions

Access Area

The term "Access Area" denotes a specific calling area containing those end users served by one or more central offices associated with Switched Access.

Access Code

The term "Access Code" applies to Switched Access service. It denotes a uniform seven digit code dialed by the Utility's local subscribers to access an interexchange carrier's facilities. A seven digit code for Feature Group D has the form 101XXXX and the seven digit code for Feature Group B has the form 950-XXXX.

Access Group

The term "Access Group" denotes a grouping of lines or trunks used to establish a connection between switching systems. Each grouping of lines or trunks is traffic engineered as a unit with each of the individual members of the group having identical characteristics and being interchangeable with any other member of the group.

Access Minutes

The term "Access Minutes" denotes, for the application of rates and charges, the recorded duration time of a call as follows:

- (a) Access minutes on a terminating call start when the called telephone exchange service location answers and ends when the access tandem switch or end office switch receives a disconnect signal.
- (b) Access minutes on an originating call start when the customer designated location acknowledges the call and ends when the access tandem switch or end office switch receives a disconnect signal.
- (c) For the calculations of total minutes, seconds are totaled and converted to minutes before rounding occurs. Remainder seconds greater than 29 are rounded to a minute.

Access Service Request

The term "Access Service Request" (ASR) denotes a document (i.e., order) used by the Utility to process a customer's request for Access Service as offered throughout this tariff.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Access Tandem

The term "Access Tandem" denotes a Utility switching system that provides a traffic concentration and distribution function for intermarket area traffic originating from or terminating at end offices in the access area.

Agent

The term "Agent" denotes that person or entity that the Utility acknowledges as controlling decisions pertaining to instrument placement, subscription authority, and access or usage control of Public or Semi-Public Pay Telephone Service, or, that person or entity duly authorized to act in that capacity by the physical owner of the premises.

Answer/Disconnect Supervision

The term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the CDL for terminating calls to a Utility office as an indication that the called party has answered or disconnected.

Answer Message

The term "Answer Message" denotes an SS7 message sent in the backward direction to indicate that the call has been answered.

Attempt

The term "Attempt" denotes a call in the originating direction from an end user to a CDL which is completed (answered) or not completed (not answered) and a call in the terminating direction from a CDL to an end user or customer which is completed (answered) or not completed (not answered).

Attenuation Distortion

The term "Attenuation Distortion" denotes the difference in loss at specified frequencies relative to the loss at 1004 Hz.

Continued



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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Backbone

The term "Backbone" denotes a path of electrical communication between two or more serving wire centers on a circuit.

Balance (100-Type) Test Line

The term "Balance (100-Type) Test Line" denotes a standard feature of FGA, FGB, FGC, FGD, 800 Access Service, BSA-A, BSA-B, BSA-C and BSA-D refers to the end office termination provided for balance and noise testing. The termination provides off-hook supervision to the calling end, and terminates the line or trunk in a resistive and capacitive arrangement which simulates the characteristic impedance of the end office.

Basic Service Element

The term "Basic Service Element (BSE)" denotes an unbundled service option available only with Basic Serving Arrangements.

Basic Serving Arrangement

The term "Basic Serving Arrangement (BSA)" denotes a category of Switched Access Service differentiated by technical characteristics, e.g., line side versus trunk side connection at the Utility's first point of switching.

Bit

The term "Bit" denotes a binary digit, the smallest unit of information in the binary system of notation.

Bridging

The term "Bridging" denotes the connection of one or more circuits in parallel with another circuit without interrupting the continuity of the first circuit.

Bridging Wire Center

The term "Bridging Wire Center" denotes the Utility designated wire center in which bridging is accomplished.

Burst Rate

The term "Burst Rate" denotes the upper bandwidth limit the Permanent Virtual Circuit (PVC) is allowed to send data through the Frame Relay Service (FRS) Network. The burst rate is limited by the actual physical port access speed.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Business Day

The term "Business Day" denotes the time of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 a.m. to 5:00 or 6:00 p.m., respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty (40) hour work week.

Busy Hour Minutes of Capacity

The term "Busy Hour Minutes of Capacity" denotes the trunk group usage load to be provided for consisting of the average of the daily busiest hour of usage during the highest 20 consecutive busiest days of a calendar year.

Byte

The term "Byte" denotes a sequence or group of eight bits that represent one character.

C - Conditioning

The term "C-Conditioning" denotes a Utility special treatment of the transmission path in order to control attenuation and envelope delay distortion.

C-Message Noise

The term "C-Message Noise" denotes the frequency weighted average noise within an idle voice circuit. The frequency weighting, called C-message, is used to simulate the frequency characteristic of the 500-type telephone set and the hearing of the average subscriber.

C-Notched Noise

The term "C-Notched Noise" denotes the frequency weighted noise on a voice circuit with a holding tone, which is removed at the measuring end through a notch (very narrow band) filter.

CCS

The term "CCS" denotes a hundred-call seconds which is a standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of lines or trunks.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Call

The term "Call" denotes a communication including an off-hook signal and routing information initiated by a customer or end user (calling party) and completed to a directory assistance service access location or end user (called party) or to a point of presence.

Carrier

See Intermarket Area Carrier.

Central Office

The term "Central Office" denotes a Utility switching system where telephone exchange service customer station loops are terminated for the purposes of interconnection to each other and to trunks.

Central Office Loop Around Test Line

The term "Central Office Loop Around Test Line" denotes equipment in the Utility's end office which provides a means for making two-way transmission tests for Switched Access services. These transmission tests are normally for the measurement of level and noise tests. This arrangement has two terminations, each reached by means of a separate seven-digit number.

Central Office Prefix

The term "Central Office Prefix" denotes the first three digits (NXX) of the telephone number assigned to Utility subscriber's telephone exchange service when dialed on a local basis.

Central Station

The Central Station is designated by the client and is equipped to receive alarm status reports generated from the client's premises.

Central Station Access Service

Central Station Access Service consists of facilities and terminal equipment required to connect dual facilities between the Host and the Central Station. The service does not include the CPE data sets located at the Central Station.

Continued

FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Centralized Automatic Reporting on Trunks (CAROT) Testing

The term "Centralized Automatic Reporting on Trunks (CAROT) Testing" denotes a type of testing which includes the capacity for measuring the 1000 Hz loss, C-message weighted noise, C-notched noise, loss slope, and the provision of a balanced termination.

Channel Service Unit (CSU)

The term CSU denotes network channel terminating equipment provided by the customer to terminate digital channel facilities on a customer's premises.

Channelize

The term "Channelize" denotes the process of multiplexing/demultiplexing circuits using analog or digital techniques.

Circuit

The term "Circuit" denotes an electrical or photonic, in the case of fiber optic based transmission systems, communications path between two or more points of termination.

Committed Information Rate (CIR)

The term "Committed Information Rate" denotes the base level bandwidth the Permanent Virtual Circuit is allowed to send data through the network.

Client

Subscriber to Alarm Transport Service.

Common Channel Signaling System 7 Network (CCS7)

The term "Common Channel Signaling System 7 Network (CCS7)" denotes a dedicated Out of Band signaling network which utilizes Signaling System 7 (SS7) protocol to provide call handling and data base access service.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Common Line

The term "Common Line" denotes a line, trunk, pay telephone line or other facility provided under the exchange service tariffs of the Utility, terminated on a central office switch. A Common Line provides access to: 1) the local calling area as defined in the exchange service tariffs of the Utility, 2) intraLATA toll services as defined in the exchange service Frontier IntraLATA Toll Services and WATS tariffs of the Utility, 3) authorized long distance carriers, and 4) service codes (e.g., 411, 611, 911). Common Line-Residence is a line or trunk provided under the residence regulations of the exchange service tariffs. A Common Line-Business is a line provided under the business regulations of the exchange service tariffs. A Common Line-Coin is a line provided under the public and semipublic service regulations of the exchange service tariffs of the Utility.

Communications System

The term "Communication System" denotes circuits and other facilities which are capable of communications between equipment provided by other than the Utility or Utility stations.

Customer

The term "Customer" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or any other entity which subscribes to the services offered under this tariff, including Interexchange Carriers (ICs), alternative access providers, facility based carriers, end users, Information and Enhanced Service Providers.

Customer Designated Location

The term "Customer Designated Location" (CDL) denotes a location specified by the customer for the purpose of terminating FIA services. The Utility must have access to the location to perform installation, testing, and maintenance functions. The customer may or may not have access to the location. CDLs include locations such as customer premises, end user premises, customer repeater stations, customer microwave towers, the Utility's first point of switching, some other point where Utility testing can occur, etc. A CDL may be designated by the customer for Switched Access, Special Access, or both in combination. Customer transmission facilities and equipment terminated in the Utility wire centers or access tandems under EIS arrangements, as defined in Section XI, are not considered a CDL. However, Utility's Switched and Special Access Services may be interconnected to such customer equipment using the Cross Connect arrangements as described in Section II.D.18 and Section III.A.1(c), respectively.

D-Conditioning

The term "D-Conditioning" denotes Utility special treatment of the transmission path in order to control C-notched noise and intermodulation distortion.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Data Link Connection Identifier (DLCI)

The term "Data Link Connection Identifier" denotes the address information contained in a frame header which conveys to the Network how an individual frame should be routed. The DLCI defines to which customer end point a particular frame should be sent.

Data Transmission (107-Type) Test Line

The term "Data Transmission (107-Type) Test Line" denotes an arrangement which provides for the connection to a signal source which provides test signals for one-way testing of data and voice transmission parameters.

Decibel (dB)

The term "Decibel" denotes a unit used to express relative difference in power, usually between acoustic or electric signals, equal to ten (10) times the common logarithm of the ratio of two signal powers.

Decibel Reference Noise C-Message Weighted to 0

The term "Decibel Reference Noise C-Message Weighted to 0" denotes noise measurements with C-Message weighting in decibels relative to a reference tone of 90 dB below one milliwatt.

Derived Local Channel (DLC)

DLC is a technology which provides the capability to use the local telephone line for multiple services.

DS0

The term DS0 denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It is generally referred to as having a 64 Kbps transmission bit rate signal; however, customer transmitted bit rates are limited to 56 Kbps.

DS1

The term DS1 denotes a channel service expressed in terms of its digitally encoded bit rate in accordance with the North American hierarchy of digital signal levels. It has a 1.544 Mbps transmission data rate and provides for the two-way simultaneous transmission of isochronous timed bit stream format. Unframed signal formats are not permitted or compatible with Utility equipment.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

DS3

The term DS3 denotes a channel service expressed in terms of its digitally encoded bit rate in accordance with the North American hierarchy of digital signal levels. It has a 44.736 Mbps transmission data rate and provides for the two-way simultaneous transmission of isochronous timed bit stream format. Unframed signal formats are not permitted or compatible with Utility equipment.

Dual Tone Multifrequency Address Signaling

The term "Dual Tone Multifrequency Address Signaling" denotes a type of signaling that is an optional feature of FG-A and BSA-A. It may be utilized when FG-A or BSA-A is being used in the terminating direction. An office arranged for Dual Tone Multifrequency Signaling would expect to receive address signals from the customer in the form of Dual Tone Multifrequency signals.

Echo Path Loss

The term "Echo Path Loss" denotes the measure of reflected signal at a 4-wire point of interface without regard to the send and receive Transmission Level Point (TLP).

Echo Return Loss

The term "Echo Return Loss" denotes a frequency weighted measure of return loss over the middle of the voiceband (approximately 500 to 2,500 Hz), where talker echo is most annoying.

Effective 2-Wire

The term "Effective 2-Wire" denotes a condition which permits the simultaneous transmission in both directions over a circuit, but it is not possible to ensure independent information transmission with 2-wire or 4-wire interface.

Effective 4-Wire

The term "Effective 4-Wire" denotes a condition which permits the simultaneous independent transmission of information in both directions over a circuit. The method of implementing effective 4-wire transmission is at the discretion of the Utility (physical, time domain, frequency domain in separation or echo cancellation techniques). Effective 4-wire circuits may, at the option of the Utility, be terminated with a 2-wire interface.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

End Office Switch

The term "End Office Switch" denotes a Utility switching system where telephone exchange service subscriber station loops are terminated for purposes of interconnection to each other and to trunks.

End User

The term "End User" denotes any customer of an intrastate intermarket area telecommunications service that is not a carrier, except that a carrier shall be deemed to be an "End User" to the extent that such carrier uses a telecommunications service for administrative purposes, without making such service available to others, directly or indirectly.

Engineering Review

The term "Engineering Review" denotes the examination of an ASR with a customer requested change to determine if a design change is required. It includes, but is not limited to, the review for possible change requirements in equipment, interfaces, circuit configuration, engineering records, and billing.

Entry Switch

See First Point of Switching.

Envelope Delay Distortion

The term "Envelope Delay Distortion" denotes a measure of the linearity of the phase versus frequency of a circuit. It is the maximum variation over a band of frequencies of the envelope delay, which is the derivative of the phase with respect to frequency.

Equal Level Echo Path Loss

The term "Equal Level Echo path Loss" denotes the measure of Echo Path Loss at a 4-wire interface which is corrected by the difference between the send and receive Transmission Level Point.

Excess Burst Size B(e)

The term "Excess Burst Size B(e)" denotes the data rate above Committed Information Rate at which customer data will be admitted to the Frame Relay Network. All Excess Burst data admitted to the network will be designated discard eligible.

Continued



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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Excess Capacity

The term "Excess Capacity" denotes a quantity of FIA requested by the customer which is greater than that which the Utility would construct to fulfill the customer's order for FIA.

Existing Suitable Space

The term "Existing Suitable Space" denotes a space in which ac/dc power, heat and air conditioning, battery and generator back-up power, and other requirements necessary for provision of wire center or access tandem equipment currently exists.

Exit Message

The term "Exit Message" denotes an SS7 message sent to an end office by the Utility tandem switch to mark the connect time when the Utility's tandem switch sends an Initial Address Message to a customer.

Facility

The term facility denotes generically the various transmission media used for the transmission of telecommunication services. This includes, but is not limited to, cable (copper pair, coaxial, and fiber optic) and microwave radio equipment.

Facility Mile

The term "Facility Mile" denotes the unit of distance, measured in actual route miles, of a High Capacity Digital DS-1 special access line provisioned between a Utility serving wire center and an IC POP location.

Firm Order Confirmation Date

The term "Firm Order Confirmation (FOC) Date" denotes the date that the Utility will provide the schedule of dates for the provisioning activities associated with the customer's request for service.

First Point of Switching

The term "First Point of Switching" denotes either the first Utility location at which switching occurs on the terminating path of a call proceeding from the CDL to the terminating end office or the last Utility location at which switching occurs on the originating path of a call proceeding from the originating end office to the CDL.

Four-Wire to Two-Wire Conversion

The term "Four-Wire to Two-Wire Conversion" denotes an arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity such as a central office switch trunk circuit or switching system.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Frame

The term "Frame" denotes a group of data bits, in a specific format, with a flag at either end to indicate the beginning and end of the frame. The defined format enables network equipment to recognize the meaning and purpose of specific bits.

Frame Relay Port

For Frame Relay Service, the physical entry points for Permanent Virtual Circuits (PVCs). Ports include the electronic equipment used in connecting these service elements to the Frame Relay Network, and enable customers to allocate bandwidth to applications, as needed, at customer designated transmission speeds between 56 Kbps up to 1.544 Mbps.

Frequency Shift

The term "Frequency Shift" denotes the change in the frequency of a tone as it is transmitted over a circuit.

Grandfathered

The term "Grandfathered" denotes station or switching equipment directly connected to the facilities utilized to provide FIA under the provisions of this tariff, and which are considered grandfathered under Part 68 of the FCC Rules and Regulations.

Ground Start Supervisory Signaling

The term "Ground Start Supervisory Signaling" denotes a type of signaling which provides for the application of ground on the tip side of the point of termination (assuming no signaling conversion has been provided by the Utility) as an initial seizure signal before the application of ringing in the originating direction (towards the customer from the end office).

Host

The Utility Host is configured as a fully redundant system operating independently but concurrently with each other. The Host accepts alarm conditions from the Utility Central Office scanners and routes to the appropriate central station.

IC Public Access Coinless Telephone

The term "IC Public Access Coinless Telephone" denotes a coinless telephone instrument and associated equipment provided by an IC for use by the general public for the origination of interLATA calls.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Impulse Noise

The term "Impulse Noise" denotes any momentary occurrence of noise on a circuit over a specified level threshold. It is evaluated by counting the number of occurrences which exceed the threshold.

Individual Case Basis

The term "Individual Case Basis" denotes a condition where the regulations, if applicable, rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case.

Information Provider (IP)

The customer of a interexchange carrier who provides information and entertainment fund-raising services to callers (end users) using the 900 service class code.

Initial Address Message (IAM)

The term "Initial Address Message (IAM)" denotes an SS7 message sent in the forward direction to initiate trunk set up with the busyng of an outgoing trunk which carries the information about that trunk along with other information relating to the routing and handling of the call to the next switch.

Inserted Connection Loss

The term "Inserted Connection Loss" denotes the 1004 Hz power difference (in dBs) between the maximum power available at the originating end and the actual power reaching the terminating end through the inserted connection.

Installed Cost

The term "Installed Cost" denotes the total investment (estimated or actual) by the Utility to provide facilities for the offered services.

Interconnection

The term "Interconnection" denotes the termination of a customer's basic transmission facilities, including optical terminating equipment and multiplexers at or near the Utility wire center or access tandem. Interconnection is provided as virtual.

Interconnection Point

The interconnection point for virtual EIS arrangements is the demarcation between ownership of the cable facilities.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

InterLATA Carrier (IC)

The term "InterLATA Carrier" denotes any individual, partnership, corporation, association, or governmental agency or any other entity including resellers and enhanced service providers authorized by the California Public Utilities Commission to provide intrastate interLATA telecommunication services for its use or for the use of its customers. Additionally it includes carriers authorized by the California Public Utilities Commission to offer intraLATA high speed digital services consistent with the terms and conditions of Decision No. 88-08-059 and Decision 88-09-059.

Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the nonlinearity of a circuit. It is measured using four tones, and evaluating the ratios (in dBs) of the transmitted composite four-tone signal power to the second-order products of the tones (R2), and the third-order products of the tones (R3).

Intrastate Communications

The term "Intrastate Communications" denotes any communications subject to oversight by the California Public Utilities Commission by the laws of the State of California.

Kilosegment

The term "Kilosegment" denotes a unit of packet transmission defined as 64,000 bytes of data; one thousand segments.

Leg

The term "Leg" denotes a path for electrical communication between a customer premises and a serving wire center on a circuit.

Line

The term "Line" denotes a communications path connecting an end office switch with an end user's premises or a CDL for the provision for FGA or BSA-A.

Line Side Connection

The term "Line Side Connection" denotes a connection of a transmission path to the line side of a central office switching system.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Local Access and Transport Area

The term "Local Access and Transport Area" (LATA) denotes a geographic area for the provision and administration of communications service. It encompasses designated Access Areas which are grouped to serve common social, economic, and other purposes.

Local Area Network (LAN)

The term "Local Area Network" denotes a network permitting the interconnection and intercommunication of a group of computers, primarily for the sharing of resources such as data storage devices and printers.

Logical Channel

The term "Logical Channel" denotes a communication channel which allows two-way simultaneous transmission of data packets through the network. No circuit capability is preassigned to a logical channel. Capacity is made available as the data is transmitted. Each virtual connection utilizes one logical channel.

Local Tandem Switch

The term "Local Tandem Switch" denotes a Utility operating unit by means of which local or access telephonic communication is switched to and from an end office switch.

MTS Access

The term "MTS Access" is an access service using a combination of Switched Access Service and End User FIA (Common-Line Service) as offered within this tariff.

Market Area

The term "Market Area" denotes a geographic area for the administration of communications service. It encompasses designated central offices which are grouped to serve common social, economic and other purposes.

Maximum Burst Rate

The term "Maximum Burst Rate (MBR)" denotes the maximum information rate at which customer traffic will be admitted to the Frame Relay Network. Traffic rates in excess of MBR will be automatically discarded on ingress to the network. Maximum Burst Rate is equal to the sum of the Committed Information Rate (CIR) and Excess Burst Size B(e).

Continued

FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Maximum Termination Liability Period

The term "Maximum Termination Liability Period" denotes the length of time the customer is liable for a termination charge in the event specially constructed FIA are discontinued. The MTL period is equal to the average account life of the FIA.

Message

See Call.

Milliwatt (102-Type) Test Line

The term "Milliwatt (102-Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurements towards the point of presence from the Utility end office.

Miscellaneous Order

The term "Miscellaneous Order" denotes an order for FIA not covered by the Ordering Options and are provided by the Utility on a negotiated installation or activation date basis.

Multicarrier Access Area

The term "Multicarrier Access Area" denotes an EAS for FGA and BSA-A or an area for FGB and BSA-B where FIA Services are provided by more than one utility in which a customer obtains access to an entire EAS or FGB or BSA-B area by obtaining a FGA or BSA-A, or FGB or BSA-B access tandem arrangement that connects its switch with the First Point of Switching of the Primary Exchange Carrier.

National Security Emergency Preparedness (NSEP) Services

The term "National Security Emergency Preparedness (NSEP) Services" denotes telecommunications services which are used to maintain a state of readiness or to respond to and manage any event or crisis (local, national or international), which causes or could cause injury or harm to the population, damage to or loss of property, or degrades or threatens the NSEP posture of the United States.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Net Salvage

The term "Net Salvage" denotes the estimated scrap, sale, or trade-in value, less the estimated cost of removal. Cost of removal includes the costs of demolishing, tearing down, removing, or otherwise disposing of the material and any other applicable costs. Because the cost of removal may exceed salvage, facilities may have negative net salvage.

Network Address

The term "Network Address" denotes the alphanumeric character string used to specify the destination of each switched connection made within the network.

Network Control Signaling

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, and audible tone signals (call progress signals indicating reorder or busy conditions, alerting, coin denominations, coin collect, and coin return (tones) to control the operation of the telecommunications system.

Network Interface (NI)

The term "Network Interface" denotes the point of interconnection between the Utility's communications facilities and the customer's terminal equipment. For Frame Relay Service, it is the point at which a customer's data transmission first enters the network supporting Frame Relay Service.

Non-Overlap Outpulsing

The term "Non-Overlap Outpulsing" denotes the feature of the exchange access signaling system which provides initiation of pulsing to the customer's premises after the calling subscriber has completed dialing an originating call.

Nonrecoverable Cost

The term "Nonrecoverable Cost" denotes the cost of the specially constructed facilities for which the Utility has no foreseeable use should the customer discontinue service.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Nonsynchronous Test Line

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but which can be made more rapidly.

North American Numbering Plan (NANP)

The term "North American Numbering Plan" denotes a three-digit area or Numbering Plan Area (NPA) code and a seven-digit telephone number made up of a three-digit central office code (NXX) plus a four-digit station number (XXXX).

NSEP Treatment

The term "NSEP Treatment" denotes the provisioning of a telecommunications service before others based on the provisioning priority level assigned by the Executive Office of the President.

Octet

The term "Octet" denotes a group of eight binary digits operated upon as an entity.

Open Circuit Test Line

The term "Open Circuit Test Line" denotes an arrangement in an end office which provides an AC open circuit termination of the trunk or line by means of an inductor of several Henries.

Order Interval

The term "Order Interval" denotes the interval between the Scheduled Issue Date and the Service Date.

Originating Direction

The term "Originating Direction" denotes the use of FIA for the origination of calls from an end user to a CDL.

Other Telephone Company

The term "Other Telephone Company" denotes a company engaged in the business of furnishing public switched network telephone local services which is not the Utility.

Operator Services Switching Location (OSSL)

A Telephone Company office where Telephone Company equipment processes Operator Service calls to or from a customer designated location in the same LATA.

Continued



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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Overlap Outpulsing

The term "Overlap Outpulsing" denotes the feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed dialing an originating call.

Packet

The term "Packet" denotes a continuous sequence of binary digits of information which is switched through the network as an integral unit. The user data is divided into segments for billing purposes. The number of segments contained in a packet is dependent upon the packet size.

Packet Switch

The term "Packet Switch" denotes a central office based switch that establishes a virtual connection between two data network addresses for the transmission of discrete amounts of information.

Packet Switching Office

The term "Packet Switching Office" denotes the central office where the packet switching functions are performed and access to the packet network is accomplished.

Pay Telephone

The term "Pay Telephone" denotes a location where Utility equipment is provided in a public or semipublic place where telephone customers can originate telephone communications and pay the applicable charges by inserting coins in the equipment.

Permanent Virtual Circuit

The term "Permanent Virtual Circuit" denotes a logical channel, defined in software, from one end user location to another. It allows a packet to be sent over a dedicated logical channel without call setup or clearing.

Point of Presence

The term "Point of Presence" denotes a location within a market area from which the customer (1) provides and/or administers intrastate telecommunications services for its own use or for the use of its end users, and (2) has the capability of testing the facilities operated or terminated at that location.

Point of Termination

The term "Point of Termination" denotes the point of demarcation at a customer-designated premises at which the Utility's responsibility for the provision of Access Service ends.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Poisson P.01 Tables

The term "Poisson P.01 Tables" denotes Traffic Engineering tables that are used to determine the number of trunks required for a particular trunk group, based on busy hour CCS.

Port

The term "Port" denotes a communications interface through which a customer or user sends packets. Ports are the physical entry points for Access Lines. Ports include the electronic equipment used in connecting elements to the network.

Premises

The term "Premises" denotes a building or buildings on continuous property (except railroad right-of-way, etc) not separated by a public highway.

Pre-service Testing

The term "Pre-service Testing" denotes tests performed on a FIA to assure standard transmission performance parameters meet specifications prior to acceptance testing.

Primary Exchange Carrier

The term "Primary Exchange Carrier" (PEC) denotes the utility in whose exchange a customer's "first point of switching" (i.e., dial tone for FGA or BSA-A, an access tandem for FGB or BSA-B) is located.

Protected Premises

Residence or business location which is monitored via the Alarm Transport Service.

Protocol

The term "Protocol" denotes a set of rules governing the format to be followed when transmitting information between communicating devices.

Public Access Line

The term "Public Access Line" denotes a line connecting a Utility end office to a single IC provided public access coinless telephone instrument for the origination of interLATA calls.

Public Pay Telephone

The term "Public Pay Telephone" denotes a switched coin line provided under the Public Telephone Service regulations of the exchange service tariffs of the Utility.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Recoverable Cost

The term "Recoverable Cost" denotes the cost of the specially constructed facilities for which the Utility has a foreseeable reuse, either in place or elsewhere should the customer discontinue service.

Registered Equipment

The term "Registered Equipment" denotes the terminal equipment which complies with and has been approved within the Registration Provisions of Part 68 of the FCC Rules and Regulations.

Release Message

The term "Release Message" denotes an SS7 Message sent in either direction to indicate that a specific circuit is being released.

Remote Module

The CPE RM is a microprocessor designed to interface with the CPE alarm panel at the protected premises and to provide continuous alarm status of up to 8 alarm points. The RM is connected to the customer's line with a standard network interface.

Return Loss

The term "Return Loss" denotes a measure of the dissimilarity between the two impedances at the junction of two transmission circuits (e.g., four-wire to two-wire junctions).

Route Mileage

The term "Route Mileage" denotes the actual Utility provided facility mileage of a transmission circuit.

Scanner

The Utility Central Office Scanner is a fully redundant multiprocessor, multi-tasking system which controls the polling of Customer Terminal Units (CTU). It sends alarm information to the Utility Host.

Scheduled Issue Date

The term "Scheduled Issue Date" denotes the date of the initial request for FIA service by a customer.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Secondary Channel

The term "Secondary Channel" denotes a separate independent, slower speed digital data channel that operates in parallel with the Digital Special Access primary channel.

Secondary Exchange Carrier

The term "Secondary Exchange Carrier" (SEC) denotes the utility in whose exchange a customer does not subscribe to FGA or BSA-A, or FGB or BSA-B service, but from whose exchange the Customers end users can call the interexchange switch or CDL of an IC in the primary exchange of another utility on a toll-free basis.

Segment

The term "Segment" denotes a unit of user information consisting of 64 octets or less. Billing for Packet Switching Network Service is based on the number of segments transmitted within the user data field of a packet. The number of segments transmitted within a packet is limited only by the subscribed or negotiated maximum size of the user data field for the customer interface.

Semipublic Pay Telephones

The term "Semipublic Pay Telephones" denotes a switched coin line provided under the Semipublic Telephone Service regulations of the exchange service tariffs of the Utility.

Service Date

The term "Service Date" denotes the date that the FIA is placed in service. A FIA Order is required to establish a service date.

Seven-Digit Manual Test Line

The term "Seven-Digit Manual Test Line" denotes a set of optional features for all Switched Access which allow the customer to select balance, milliwatt, and synchronous test lines of FG-A and BSA-A, by manually dialing a seven-digit number over the associated Switched Access.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Short-Circuit Test Line

The term "Short-Circuit Test Line" denotes the end office circuit which provides an AC short-circuit termination of the trunk or line by means of a capacitor of at least four microfarads.

Signal to C-Notched Noise Ratio

The term "Signal to C-Notched Noise Ratio" denotes the ratio in dB of a tone signal to the corresponding C-notched noise.

Singing Return Loss

The term "Singing Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2,500 to 3,200 Hz), where singing (instability) problems are most likely to occur.

Signaling Point

The term "Signaling Point (SP)" denotes an SS7 network interface element capable of originating and/or terminating SS7 messages.

Signaling System 7 (SS7)

The term "Signaling System 7 (SS7)" denotes the layered protocol used for standardized common channel signaling in the United States.

Special Access Line (SAL)

The term "Special Access Line (SAL)" denotes a broadband connection between a Frontier serving wire center and a CDL.

Special Transport

The term "Special Transport" denotes a point-to-point facility between serving wire centers associated with two CDLs. Special transport requires the customer to purchase a special access line or DS3 cross-connect. Special transport is distance sensitive and is charged by the airline mile.

Special Transport Termination

The term "Special Transport Termination" denotes the equipment and arrangements necessary to terminate the special transport facility at a serving wire center. One special transport termination charge applies to the termination of each end of a special transport facility offering.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Statistical Multiplexing

The term "Statistical Multiplexing" denotes a multiplexing technique in which times lots are dynamically allocated on the basis of need rather than being predetermined; the data is typically transmitted on a first come, first served basis.

Customer Terminal Unit

The customer provided CTU is a microprocessor with associated memory and diagnostics which reports alarm status to the Utility Central Office Scanner.

Synchronous Test Line

The term "Synchronous Test Line" denotes an arrangement of an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Telecommunications Service Priority (TSP) System

The term "Telecommunications Service Priority (TSP) System" or "TSP System" or "NSEP TSP System" refers to the regulatory, administrative and operational system authorizing and providing for priority treatment (i.e., the provisioning and restoration) of NSEP Services.

Telecommunications Service Provider

"Telecommunications Services Providers" include certified carriers, operator service providers, enhanced service providers and any other provider of intrastate telecommunications services.

Temporary Facilities

The term "Temporary Facilities" denotes facilities used to provide FIA to a customer for less than the minimum period or less than one month, whichever is longer, or to provide FIA while permanent facilities are being constructed.

Terminating Direction

The term "Terminating Direction" denotes the use of a FIA for the completion of calls from a point of presence to an end user.

Through Balance

The term "Through Balance" denotes procedures and requirements to control the transmission path return loss (ERL and SRL) through a switching system.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Transmission Measuring (105-Type) Test Line/Responder

The term "Transmission Measuring (105-Type) Test Line/Responder" denotes an arrangement in an end office which provides far-end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near-end office.

Trunk

The term "Trunk" denotes a communications path connecting two switching systems in a network, used in an end-to-end connection.

Trunk Group

The term "Trunk Group" denotes a grouping of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

Trunk Side Connection

The term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of a local switching system.

Utility

The term "Utility" denotes Frontier California Incorporated and any telephone company which concurs in this tariff.

V and H Coordinates Method

The term "V and H Coordinates Method" denotes a method of computing airline miles between two points by utilizing an established formula which is based on the Vertical (V) and Horizontal (H) coordinates of two points.

Virtual Connection

The term "Virtual Connection" denotes a logical channel resulting from call establishment to a network address that exists until the call is terminated by either party.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

E. Definitions - Continued

Virtual EIS

The term "Virtual EIS" denotes an offering that enables customers to designate or specify equipment needed to terminate basic transmission facilities, including optical terminating equipment and multiplexers, to be located within or upon the Utility's wire center or access tandem buildings, and dedicated to such customer's use.

WATS Serving Office

The term "WATS Serving Office" denotes a Utility designated serving wire center where switching, screening and/or recording functions are performed in connection with a Special Access Line used with a Switching Interface. The use of the terms WATS or WATS-type throughout this tariff is primarily for ordering purposes and is not intended to restrict the use of the customer services when ordering Special Access and Switched Access in combination.

Wire Center

The term "Wire Center" denotes a location in which one or more central office switches, and cross connection equipment used for the provision of telephone exchange services, are located.

X.25 Protocol<sup>1</sup>

The term "X.25 Protocol" denotes an interface between Data Terminal Equipment and Data Circuit Terminating Equipment for terminals operating in the packet mode on public data networks.

X.75 Protocol<sup>1</sup>

The term "X.75 Protocol" denotes terminal and transit call control procedures and data transfer system on circuits between packet switched data networks.

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of February 13, 2004.

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

F. Connections

1. General

Equipment and systems (i.e., terminal equipment, multiline terminating systems, and communications systems) may be connected with Switched and Special Access furnished by the Utility where such connection or interconnection is made in accordance with the provisions specified in the NECA Technical Reference PUB. AS No. 1 and in General Regulations as set forth under Undertaking of the Utility.

2. Standard Access Service Connections

Access services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof. Special Access service connections are made directly or through the Utility hub where bridging or multiplexing functions are performed. These connections can either be analog or digital.

3. Expanded Interconnection Service (EIS) - Fiber Optic

Fiber Optic EIS provides a customer with space and associated requirements such as power and environmental conditioning within or near the Utility wire center or access tandem to locate certain fiber optic facilities and equipment, and an interconnection with certain Utility provided facilities.

EIS will be provided subject to the regulations and rates and charges set for in Section XI.

4. Expanded Interconnection Service (EIS) - Microwave

Microwave EIS provides a customer with space and associated requirements such as power and environmental conditioning within a Utility wire center or access tandem to locate certain microwave facilities and equipment, and a connection to certain Utility provided facilities.

Customer-provided microwave facilities, equipment and support structures may be located in, on or above the exterior walls and roof of the Utility wire centers or access tandems. Such interconnection must be made in accordance with the provisions specified in A.1. These interconnections will be provided subject to the regulations and rates and charges set forth in Section XI.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

G. FIA Services Provided By More Than One Utility

1. When Switched Transport or Special Transport service is provided by more than one utility, the utilities involved will mutually agree upon one of the billing methods based upon the type of access service and the interconnection arrangements between the utilities.

The utility will notify the customer which billing method will be used. The customer will place the ASR.

a. Single Company Billing:

The Single Company Billing method will be applied to FGA and BSA-A Switched Access Service.

The utility receiving the ASR for the customer, will arrange to provide the service, determine the applicable charges and bill the customer for the entire service in accordance with its Access tariff. The airline mileage is determined using the V&H method in the Pacific Bell's Schedule Cal. P.U.C. No. 175-T.

b. Meet Point Billing:

Meet Point Billing is required when an access service is provided by multiple Utilities for FGB, FGC and FGD, BSA-B, BSA-C and BSA-D Switched Access services and Special Access. It is optional for FGA and BSA-A Switched Access Services.

There are two Meet Point Billing Options -- Single Bill and Multiple Bill. The Utility must notify the customer of:

- the Meet Point Billing Option that will be used,
- the Utility(s) that will render the bill(s),
- the Utility(s) to whom payment(s) should be remitted, and
- the Utility(s) that will provide the bill inquiry function.

The Utility shall provide such notification at the time that an ASR is placed requesting access service. Additionally, the Utility shall provide this notice in writing 30 days in advance of any change.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

G. FIA Services Provided By More Than One Utility - Continued

1. - Continued

b. Meet Point Billing: - Continued

(1) Single Bill Option

The Single Bill Option allows the customer to receive one bill from one utility or its billing agent for access services.

The Utility(s) that renders the bill to the customer may provide to the customer, cross references to the other Utility(s) service and/or the common circuit identifiers based upon industry standards. Should a billing dispute arise, the terms and conditions of the Billing Company(s) will apply.

For usage rated access services the access minutes of use will be compiled by the Initial Billing Company and used by the Initial Billing Company and any subsequent Billing Company(s) for the development of access charges.

- The Initial Billing Company for FGB, FGC and FGD and BSA-B, BSA-C and BSA-D Switched Access services is normally the end user's serving office and for WATS usage the Initial Billing Company is normally the WATS serving office. When the Initial Billing Company is other than the normally designated Utility, the Utility will notify the customer.
- The Subsequent Billing Company(s) is any Utility(s) in whose territory a segment of the Switched Transport is provided and/or where the CDL is located.

The Single Bill option provides three billing alternatives, Single Bill/Single Tariff, Single Bill/Pass-Through Billing and Single Bill/Multiple Tariff which are described following:

(a) Single Bill/Single Tariff

Each Utility will receive an ASR or a copy of the ASR from the customer and arrange to provide the service. The Initial Billing Company will:

- determine the applicable charges and bill in accordance with its tariff;
- include all recurring and nonrecurring rates and charges of its tariff; and
- forward the bill to the customer.

The customer will remit the payment to the Initial Billing Company.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

G. FIA Services Provided By More Than One Utility - Continued

1. - Continued

b. Meet Point Billing: - Continued

(1) Single Bill Option - Continued

Each Utility will receive an ASR or a copy of the ASR from the customer and arrange to provide the service. The Initial Billing Company will:

- determine each Utility's portion of special transport;
- determine the applicable switched and/or special charges and bill in accordance with each Utility's tariff;
- include all recurring and nonrecurring charges for each involved Utility;
- identify each involved Utility's charges separately on the bill;
- forward the bill to the customer; and
- advise the customer how to remit the payment, either directly to each Utility involved in the provision of this meet point billed service; or, as a single payment made to the Initial Billing Company. If payments are to be sent directly to the Initial Billing Company, the Subsequent Billing Company(s) will provide the customer with written authorization for the payment arrangement.

(2) Multiple Bill Option

The Multiple Bill option allows all Utilities providing service to bill the customer for their portion of a jointly provided access service. Each Utility will:

- determine its portion of the Special Transport;
- determine the applicable switched and/or special charges and bill in accordance with its tariff;
- include all recurring and nonrecurring rates and charges of its tariff; and
- forward the bill to the customer.

The customer will remit the payments directly to each Utility.

When rates and charges are listed on a per unit basis, e.g., bridging or multiplexing this Utility's rates and charges will apply for units located in this Utility's operating territory.

When all utilities jointly provisioning a multipoint circuit, concur with the Utility Specified Bridging option, central office bridging will apply per designated premises and not per bridge port.

\* Due to billing constraints, the ordering of Tandem Switched Transport in conjunction with Direct-Trunked Transport is temporarily unavailable.

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

G. FIA Services Provided By More Than One Utility - Continued

1. - Continued

b. Meet Point Billing: - Continued

(3) Meet Point Billing Mileage Calculation

Each Utility's portion of the Switched Transport and/or Special Transport mileage will be determined as follows:

- (a) For Switched Access Tandem-Switched Transport Services, determine the appropriate Tandem-Switched Transport - Facility total miles by computing the number of miles from the wire center that normally serves the CDL, or the access tandem if Direct-Trunked Transport is ordered directly to the access tandem\*, to the serving wire center in the Access Area (i.e., end user serving wire center, or WATS Serving Office), using the V&H method as set forth in the NECA Tariff FCC No. 4. For Special Access Services, and Switched Access Direct-Trunked Transport determine the appropriate Special Transport or Direct-Trunked Transport total miles by computing the number of miles between the serving wire centers involved (i.e., CDL serving wire center, Hub Wire Center, WATS Serving Office, end office, or access tandem) using the V&H method as set forth in the NECA Tariff FCC No. 4. Where the calculated miles include a fraction, the value is rounded up to the next full mile.
- (b) Determine the billing percentage (BP), as set forth in the NECA Tariff FCC No. 4. This represents the portion of the Service provided by each utility.
- (c) For Switched Access Tandem-Switched Transport, when Tandem Switched Transport is provided to a terminating carrier different from a Frontier Telephone ILEC Company, Terminating – Tandem 3<sup>rd</sup> party rates are applicable otherwise Terminating –Tandem End Office rates are applicable. When originating Tandem Switched Transport is provided, Originating rates are applicable:
  - (a) multiply the number of access minutes of use times the number of airline miles as set forth in (a), times the BP of each Utility as set forth in (b), times the Tandem-Switched Transport - Facility rate;
  - (b) multiply the Tandem-Switched Transport - Termination rate times the number of Access minutes times the quantity of terminations.

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(N)

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

G. FIA Services Provided By More Than One Utility - Continued

1. - Continued

b. Meet Point Billing: - Continued

(3) Meet Point Billing Mileage Calculation - Continued

(c) - Continued

Example 1 – Originating Switched Access

- 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.
- 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 23 mi. x SM rate

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

(N)

G. FIA Services Provided By More Than One Utility - Continued

1. - Continued

b. Meet Point Billing: - Continued

(3) Meet Point Billing Mileage Calculation - Continued

(c) - Continued

Example 2 – Terminating Switched Access – Tandem 3<sup>rd</sup> Party

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

(N)

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

G. FIA Services Provided By More Than One Utility - Continued

1. - Continued

b. Meet Point Billing: - Continued

(3) Meet Point Billing Mileage Calculation - Continued

(c) - Continued

Example 3 – Terminating Switched Access Tandem End Office

- 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.
- 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 mi x DTF rate x 40%
  - Direct Trunked Termination charge – 1 termination x DTT rate
  - Shared Multiplexing charge = 9,000 min. x 23 mi. x SM rate

(N)

(N)

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

G. FIA Services Provided By More Than One Utility - Continued

1. - Continued

b. Meet Point Billing: - Continued

(3) Meet Point Billing Mileage Calculation - Continued

(c) - Continued

Example 4 – Terminating Switched Access-Tandem 3<sup>rd</sup> Party

- Feature Group D Switched Access is ordered to End Office.
- Terminating Access Tandem is owned by Frontier Telephone ILEC Companies (TC-A). Terminating End Office is owned by a non-Frontier Telephone ILEC Company.
- Assumptions:
  - 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.
- Telephone Company A charges are:
  - Tandem Switched Transport Facility-3<sup>rd</sup> Party charge = 9,000 min. x 23 mi. x TSF-3<sup>rd</sup> Party rate x 20%
  - Tandem Switched Transport Termination-3<sup>rd</sup> Party charge = 1 termination x 9,000 min. x TST – 3<sup>rd</sup> Party rate
  - Tandem Switching-3<sup>rd</sup> Party Rate = 9,000 min. x TS-3<sup>rd</sup> Party rate
  - Direct Trunked Facility charge = 26 mi. x DTF rate
  - Direct Trunked Termination charge = 2 terminations x DTT rate
  - Shared Multiplexing-3<sup>rd</sup> Party Charge = 9,000 min. x 23 mi. x SM-3<sup>rd</sup> Party rate

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

(N)

G. FIA Services Provided By More Than One Utility - Continued

1. - Continued

b. Meet Point Billing: - Continued

(3) Meet Point Billing Mileage Calculation - Continued

(c) - Continued

Example 5 – Originating Switched Access Frontier Telephone ILEC Company owns only the End Office.

- Feature Group D Switched Access is ordered to End Office.
- End Office is owned by Frontier Telephone ILEC 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.
- 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.

Example 6 – Terminating Switched Access – Tandem 3<sup>rd</sup> Party

- Feature Group D Switched Access is ordered to End Office.
- End Office is owned by Frontier Telephone ILEC Companies (TC-A).
- Access Tandem is owned by a non-Frontier Telephone ILEC Company (TC-B)
- Telephone Company A charges are:
  - End Office Charges = 9,000 min. x EO rate
  - Tandem Switched Transport Facility-3<sup>rd</sup> Party charge = 9,000 min. x 23 mi. x TSF-3<sup>rd</sup> Party rate x 80%.
  - Tandem Switched Transport Termination-3<sup>rd</sup> Party charge = 1 termination x 9.000 min. x TST-3<sup>rd</sup> Party rate.

(N)

Continued

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FACILITIES FOR INTRASTATE ACCESS

I. GENERAL REGULATIONS - Continued

G. FIA Services Provided By More Than One Utility - Continued

1. - Continued

b. Meet Point Billing: - Continued

(3) Meet Point Billing Mileage Calculation - Continued

- (d) For Special Access and for Switched Access Direct-Trunked Transport, multiply the number of airline miles as in (a), times the BP for each utility as in (b), times the Special Transport or Direct-Trunked Transport Facility rate elements. For DS1 and DS3 Special Transport and DS1 and DS3 Direct-Trunked Transport, multiply the Special Transport Termination or Direct-Trunked Transport Termination rate times the number of terminations provided by the Utility.
- (e) All other appropriate recurring and nonrecurring charges in each utility's Access tariff are applicable.
- (f) Where the Tandem-Switched Transport - Facility is provided by more than one utility, the Tandem-Switched Transport - Termination rate applies for the termination at the Utility end of the Tandem-Switched Transport (i.e., the first point of switching or the end office serving the end user). The Tandem-Switched Transport - Termination rate will not apply when the Utility is the intermediate provider of the Switched Transport Facility.
- (g) The Interconnection charge for Switched Transport shall be billed by the Utility in whose territory the end office is located.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

A. General

Switched Access provides two-point communications path between the point of termination at a Customer Designated Location (CDL) and the points of termination at Utility end user premises within the Access Area. Each path is established through the use of Switched Transport, End Office Services, Common Lines or Special Access Lines. Switched Access provides for the ability to originate calls from an end user's premises to a CDL and to terminate calls from a CDL to an end user's premises. Switched Access Services may be connected to a customer's transmission equipment and facilities using a DS1 or DS3 Cross Connect arrangement where the customer is provided Expanded Interconnection Service as defined in Section XI.

Switched Access is ordered in either quantities of lines, trunks or in Busy Hour Minutes of Capacity (BHMCs). FGA and BSA-A is furnished on a per line basis, and FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service are furnished on a per-trunk basis in accordance with the capacity ordered in trunks or BHMC.

Quantities of lines, or total BHMC of the circuit group connecting the Utility's first point of switching and the CDL are determined at the Utility's first point of switching.

A customer may designate one or more CDLs within the LATA for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D Switched Access or SAC Access Service.

When Switched Access is ordered in BHMC, the BHMC must be differentiated by Feature Group type and directionality of traffic in order for the Utility to properly design Switched Access to meet the traffic carrying capacity requirements of the customer.

Switched Access is provided with basic testing as described in this section. Additional testing is provided as described in the Miscellaneous Services section. Testing is provided only on the FIA supplied by the Utility.

Public Access Line Service is provided only for use with FGC or FGD. This service is described under Description of Public Access Line Service, within this section of the tariff.

B. Description of Switched Access

Switched Access is provided in conjunction with either of two types of access services, bundled Feature Groups or unbundled Basic Serving Arrangements (BSAs). BSAs, are provided in two basic categories differentiated by their technical characteristics and how they connect, line side or trunk side connection, to the Utility's first point of switching. The trunk side BSA is further differentiated into three alternatives based upon how the end user accesses the trunk side BSA, with or without an access code. Feature Group A (FGA) and Basic Serving Arrangement A (BSA-A) are defined as line side connections to the Utility's network. Feature Group B (FGB), Feature Group C (FGC), Feature Group D (FGD), Basic Serving Arrangement B (BSA-B), Basic Serving Arrangement C (BSA-C), and Basic Serving Arrangement D (BSA-D) are defined as trunk side connections to the Utility's network. The use of a line side or trunk side switched access connection is dependent upon the switched access arrangement ordered by the customer. Feature Groups and BSAs are arranged for either originating, terminating, or two-way calling, based on the end office switching capacity ordered. Originating calling permits the delivery of calls from Utility exchange service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Utility exchange service locations. Two-Way calling permits the delivery of calls in both direction, but not simultaneously.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

Switched Access will be provided as both Feature Groups and BSAs to Utility end offices either directly routed or routed via an access tandem, except as set forth following:

- Feature Group and BSA trunk side equivalents (FGB and BSA-B, FGC and BSA-C, and FGD and BSA-D) may not be provided for the same Carrier Identification Code (CIC) and/or Billing Number Account (BAN) at Utility end offices which subtend the same tandem. When a Utility end office subtends multiple tandems, Feature Group and BSA trunk side equivalents may not be provided for the same CIC and/or BAN at any Utility end office which subtends either tandem.
- Feature Group and BSA line side equivalents (FGA and BSA-A) may not be mixed in the same multiline hunt group.

1. Description of Feature Groups

The Utility, under the ordering provisions, at rates and charges as specified, will provide Switched Access Feature Groups as follows:

a. Feature Group-A

Feature Group A (FGA), which is available to all customers, provides line-side access to the Utility end office switches with an end user access code of NXX-XXXX for the customer's use in originating and terminating communications.

FGA is available as MTS-type or Terminating Only WATS-type.

FGA is also utilized to provide FX/ONAL open end access for use by the customer in association with FX/ONAL type services.

- (1) FGA is provided at all Utility end office switches and switch customer communications to and from Common Lines or to Special Access Lines. FGA End Office Services utilize a two-point electrical communications path between the Switched Transport and Common Line which is a voice grade transmission path comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.
- (2) FGA is provided as line side switching through end office switch line equipment. Line side switching may at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

a. Feature Group-A - Continued

- (3) The Utility shall select the first point of switching within the selected FGA Access Area from which switching is to be provided unless the customer requests a different central office switch and Utility facilities are available to accommodate such a request.
- (4) FGA is arranged for originating calling only, terminating calling only- or two-way calling. The Utility will determine the type of calling to be provided unless the customer requests the option Specification of Switched Access Directionality. For such specification, additional charges on an individual case basis will apply if the calling arrangements are different from that the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.
- (5) FGA, when being used in the terminating direction is arranged with dial tone start-dial signaling and dial pulse address signaling. FGA when being used in the terminating direction may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which FGA is provided. When FGA is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, all FGA will be arranged for the same type of signaling.

No address signaling is provided by the Utility when FGA is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

- (6) FGA, when used in the terminating direction, may be used to access valid NXXs in the FGA Access Area. For FGA, the Access Area is defined as the local calling area of the end office switch from which the FGA is provided. The description of any specific FGA Access Area will be provided to the customer upon request.

Access is also provided for FGA terminating calls established on a 1+ basis (i.e., toll) outside the specific FGA Access Area (i.e., local calling area) however inside the LATA. Calls terminating within the LATA, but outside the FGA Access area will be subject to the Extended FGA Terminating Traffic as described in II.E.17.

When a FGA customer chooses to terminate toll calls outside the LATA via an Interexchange Carrier's Service (no screening or blocking performed by customer), the rates and charges as specified in the application of Extended FGA Switched Transport will apply. The Utility may, at the customer's request, and depending on the technical capabilities, screen and block such interLATA calls.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

a. Feature Group-A - Continued

(6) - Continued

Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), local telephone repair (611), California Relay Service (711), emergency reporting service (911), information services, (e.g. time and temperature) and other IC services (by dialing the appropriate digits).

The customer will be billed for an operator surcharge, as set forth in the local tariffs, for local operator assistance (0-) calls; directory assistance (411 and 555-1212) calls; and call charges in accordance with the tariffs in force when the Utility performs the billing for such customer calls.

Access to these services may, at the option of the IC, be blocked when the Call Denial on Line or Hunt Group three-digit or six-digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which FG-A is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 711, 911, 800, 555-1212, and a set of NXXs specified by the Utility for each end office switch and route all other calls to reorder tone or recorded announcement.

Three-digit dial code screening is an arrangement which screens Access Area terminating calls and allows completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement.

Six-digit dial code screening is an arrangement which will screen Access Area terminating calls and allow completion of calls to selected NXXs within foreign NPAs and route all other calls in the foreign NPA to reorder tone or recorded announcement.

- (7) Access to these services may, at the option of the IC, be blocked when the Service Code Denial on Line or Hunt Group is ordered. This option allows for the screening of terminating calls within the Access Area, or for disallowing completion of calls to 0- and N11 (e.g., 411, 611, and 911).
- (8) FG-A is provided on a single line basis, and may at the option of the IC, be provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement. When FG-A is provided with these arrangements, the FG-A may also, at the option of the IC, be provided with a Nonhunting Number Arrangement. The Uniform Call Distribution Arrangement and the Nonhunting Number Arrangements are only available from certain Utility end office switches. All FG-A in a Hunt Group Arrangement or Uniform Call Distribution Arrangement with the Nonhunting Number Arrangement will be similarly arranged.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

a. Feature Group-A - Continued

- (9) A seven-digit local telephone number assigned by the Utility is provided for access to FG-A in the originating direction. The seven-digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

If the customer requests a specific seven-digit telephone number that is not currently assigned, and the Utility can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

- (10) FG-A is provided, in the terminating direction where equipment is available, with seven-digit access to balance (100 type) test line and milliwatt (102 type) test line. Loss, 3-tone slope, DC continuity, and operational signaling will also be performed at no extra charge when applicable. Additional testing charges will apply when:
- (a) the customer requests a test not specified preceding;
  - (b) the test requested is not essential to the ongoing maintenance of FG-A; or
  - (c) the customer requests testing on a more frequent basis than scheduled for in the Utility's central office maintenance planning system (COMPS).
- (11) FGA may, at the option of the customer, be provided for intrastate and interstate communications. Each customer requesting such mixed access will provide the required reports.
- (12) When all FGAs for an individual customer (a single) line or entire hunt group) are discontinued at an end office, a regular number intercept announcement is provided. The arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.
- (13) FGA is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performances provided with Interface Arrangement 1, and Type B is provided with Interface Arrangement 2 through 10. In addition, data transmission parameters may, at the option of the customer, be provided with FGA.
- (14) Call Forwarding may be ordered to forward calls from a FGA Service where facilities and conditions permit. The Call Forwarding Service will be administered and provisioned as set forth in the Product Guide.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

b. Feature Group-B

FGB, which is available to all customers, provides trunk side access to the Utility end office switches with an associated uniform 950-10XX access code for the IC's use in originating and terminating communications.

FGB is available as MTS-type or Terminating Only WATS-type.

- (1) FGB, when provided without the use of an access tandem switch (in a directly routed arrangement), is provided at all Utility appropriately equipped electronic end office switches. When provided via Utility appropriately equipped electronic access tandem switches, FGB End Office Services are provided at all Utility end office switches in the terminating direction and at appropriately equipped end offices in the originating direction.

FGB utilizes a two-point electrical communications path between the Interface Arrangement and the Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) FGB is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink start pulsing and answer and disconnect supervisory signaling.
- (3) The Utility will select the trunking arrangement from the end office, within the selected Access Area from which FGB is to be provided. If the customer orders Automatic Number Identification (ANI) Arrangement or Rotary Dial Station Signaling, where available, special routing and trunking arrangements may be required.
- (4) FGB is arranged for either originating, terminating, or two-way calling. The Utility will determine the type of directional calling to be provided unless the customer requests Specification of Switched Access Directionality. For such specification, additional charges on a individual case basis will apply if the calling arrangements are different from what the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the point of presence at Utility exchange service locations. Two-way calling permits either the origination or termination of calls, but not simultaneously.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

b. Feature Group-B - Continued

- (5) FGB, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to seven digits outpulsing of access digits will be provided in the originating direction by the Utility equipment to the CDL where the FGB terminates. Except for FGB provided with the ANI arrangement or Rotary Dial Station Signaling any other address signaling in the originating direction, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Utility and will be subject to the ordinary transmission capabilities of the Switched Transport provided.
- (6) FGB, when being used in the terminating direction, may be used to access valid NXXs in the FGB Access Area. If the FGB connection is made directly to an end office the Access Area is that of that end office only. If the FGB connection is made to an access tandem, the Access Area is that of all end offices subtending that access tandem. The description of any FGB access area will be provided to the customer upon request. Access is also available to information services and other customer services (by dialing the appropriate digits).
- (7) When a customer subscribes to both FGB and FGD at an equal access end office, all such FGB and FGD usage terminating to that end office will be subject to E0S2 rates, as set forth in the RATES Section. A separate trunk group will be established based on the directionality (i.e. originating only, terminating only, or two-way traffic) of the FGB provided.
- (8) The access code for FGB is a uniform access code in the form of 950-1XXX or 950-0XXX. This uniform access code will be the assigned access numbers of all FGB provided to the customer by the Utility.
- (9) FGB may, at the option of the customer, be arranged to provide an ANI Arrangement to obtain the calling station billing numbers. ANI is not available if the FGB connection is at an access tandem. The ANI arrangement provides seven-digit calling station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with four party service, no seven-digit number will be provided and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven-digit number will be provided, and an "identification failure" information digit will be provided. ANI will be available using multifrequency signaling provided by the Utility.

Rotary Dial Station Signaling will be made available in certain end offices using dial repeating equipment provided by the Utility. The IC must order Switched Transport arranged to pass the dial repeating signals. FG-B is provided in directly routed arrangements where the ANI or Rotary Dial Station Signaling arrangements are provided.

Only calls from end users terminated on the end office switch will be provided with the ANI or Rotary Dial Station Signaling arrangements.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

b. Feature Group-B - Continued

- (10) The Utility will determine the end office ANI protocol for FG-B. The Utility makes no guarantee that ANI will be available at all end offices which have access to FG-B.
- (11) FG-B is provided, in the terminating direction where equipment is available, with seven-digit access to balance (100 type) test line, milliwatt (102 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Where equipment is available, FG-B will be provided, in the originating direction to ICs equipped with compatible remote office test lines, with automatic testing. Additional testing charges may be provided when:
  - (a) the customer requests a test not specified in the preceding;
  - (b) the test requested is not essential to the ongoing maintenance of FG-B; or
  - (c) the customer requests testing on a more frequent basis than scheduled for in the Utility's central office maintenance planning system (COMPS).
- (12) FG-B may, at the option of the IC, be provided for interstate or intrastate communications as long as the IC provides the required reports.
- (13) When all FG-B is discontinued at an end office and/or in a Market Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the FG-B associated with the number dialed has been disconnected.
- (14) FG-B is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Group 1, and Type B is provided with Interface Groups 2 through 10. In addition, data transmission parameters, at the option of the IC, may be provided with FG-B.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. Feature Group C

FGC provides trunk side access to the Utility end office switches for AT&T's use in originating and terminating communications. FGC is available in all end offices which are not equipped for FGD end office services.

- (1) FG-C is provided at all Utility end office switches or Utility designated access tandem switches. FG-C is provided the IC (e.g., AT&TC) at an end office switch unless FG-D or BSA-D is provided in the same office. When FG-D or BSA-D is available, FG-C End Office Services will be discontinued as soon as the conversion to FG-D or BSA-D can be arranged with AT&TC.

FGC utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated signals within the frequency bandwidth of approximately 300 to 3000 Hz.

- (2) FGC is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start pulsing signals are provided in all offices where available. In those offices where wink start pulsing signals are not available, delay dial start pulsing signals will be provided.
- (3) The Utility will select the trunking arrangement from the end office, within the selected Access Area from which FGC is to be provided. If the customer orders an ANI Arrangement or Service Class Routing Arrangement is ordered, special routing and trunking arrangements may be required.
- (4) FGC is arranged for either originating calling only, terminating calling only, or two-way calling based on the customer end office switching BHMC ordered. The Utility will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality. For such specification, additional charges on an individual case basis will apply if the trunk group routing arrangements are different from those the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.
- (5) FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechanical end office switches, the address signaling will be dial pulse or revertive pulse signaling whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling if such signaling facilities are available in the end office. Up to 12 digits or the called party number dialed by the customer's end user will be provided by Utility equipment to the CDL number dialed where FGC terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. Feature Group C - Continued

- (6) FGC, when being used in the terminating direction, may be used to access NXXs in the FGC Access Area. The description of any FGC Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and IC services (by dialing the appropriate codes) when the services can be reached using valid NXX codes.
- (7) A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the FGC arrangement provided.
- (8) No access code is required for FG-C. In certain locations, due to central office equipment limitations, 2 or 3 digit access codes may be used. The telephone number dialed by AT&TC's end user shall be a 7 or 10 digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by AT&TC's end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX.
- (9) FG-C may, at the option of the IC, be arranged to provide an ANI Arrangement to obtain the calling station billing number. The ANI arrangement provides seven-digit station billing number information to the point of presence. In those situations where no billing number is available in the end office switch, as with four party service, no seven-digit number will be provided and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven-digit number will be provided and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Utility.

FG-C is provided in directly routed arrangements to the end office switch where the ANI arrangement is provided. The Utility will determine the end office ANI protocol for FG-C.

Only calls from end users terminated on the end office switch will be provided with the ANI arrangement. ANI is provided from end offices where Utility recording for end user billing is not provided, or where it is not required, as with 800/877/888 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment.

- (10) FG-C may, at the option of the IC, be provided for interstate and intrastate communications as long as the required reports are provided.
- (11) FG-C may, at the option of the IC, be provided with End Office End User Line Service Screening Arrangement for calls in the originating direction. This arrangement provides the ability to screen originating call address signals to verify that they are in accordance with the service provided to the calling station. The called NPA and/or NXX will be screened at end office switches designated by the Utility and the IC shall provide the screening rules to the Utility when the arrangement is ordered.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. Feature Group C - Continued

- (12) FG-C is provided, in the terminating direction where equipment is available, with seven-digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Where equipment is available, FG-C will be provided, in the originating direction to ICs equipped with 105 type test lines and responders or their equivalents and in the terminating direction to ICs equipped with compatible remote office test lines, with automatic testing. At the Utility's option, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Utility provides a technician at its office(s) and the IC provides a technician at its point of presence with suitable test equipment to perform the required tests. Additional Testing Charges will apply when:
- (a) the customer requests a test not specified in the preceding;
  - (b) the test requested is not essential to the ongoing maintenance of FG-C; or
  - (c) the customer requests testing on a more frequent basis than scheduled for in the Utility's central office maintenance planning system (COMPS).
- (13) FG-C may, at the option of the IC, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the point of presence. When that trunk group is fully loaded, additional originating traffic is automatically delivered over a second designated trunk group to a second point of presence. For existing arrangements only, up to three trunk groups to three points of presence may be provided.
- (14) FG-C may, at the option of the IC, be provided with a Service Class Routing arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified points of presence based on service prefix (e.g., 0-, 0+, 1+); service class codes (e.g., 500, 700, 800, 900); or end user originating line class of service (e.g. coin, multiparty, hotel/motel).
- (15) FG-C may, at the option of the IC, be provided with a Call Destination Routing Arrangement. This arrangement allows the routing of traffic among multiple points of presence designated by an IC within an exchange or serving area based on the destination of such traffic outside the Utility's facilities, provided that no more than one point of presence exists at any physical location.
- (16) FG-C may, at the option of the IC, be provided with a Trunk Access Limitation arrangement in all Utility end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the point of presence in order to limit the amount of such traffic that can be completed.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

c. Feature Group C - Continued

- (17) FG-C is provided with the following features in the originating direction for operator assistance services. FG-C may require the routing by Service Class Routing Arrangement.
- (a) Operator Assistance-Coin Control Arrangements for Utility end offices where equipment is available. Such arrangements provide coin return control and routing of 0+ and 01-prefixed originating calls to the point of presence. The operator services system arrangement for receipt of 0+, 0-, and 1+ calls may, at the option of the IC, be provided with the ANI arrangement. The cord board arrangement is for receipt of Originating calls and is not provided with ANI. FG-C is provided in a directly routed arrangement where the Operator Assistance Coin Control Arrangement is provided. Only calls from coin station lines terminated on the end office switch (where the Operator Assistance-Coin Control Arrangement is provided) will be provided to the point of presence.
  - (b) Operator Assistance Non-coin Arrangements in all Utility end offices. Such arrangements provide routing of 0+, 0-, and 1+ prefixed originating calls to the point of presence. This arrangement for receipt of 0+, 0-, 1+, originating calls may, at the option of the IC, be provided with the ANI arrangement.  
  
The cord board arrangement for receipt of 0- originating calls is not provided with ANI. FGC is provided in a directly routed arrangement where the Operator Assistance Non-coin Arrangement is provided. Only calls from end users terminated on the end office switch where the Operator Assistance-Noncoin Arrangement is provided to the point of presence.
  - (c) Operator Assistance-Combined (coin and noncoin) Arrangements in Utility end offices where equipment is available. This arrangement provides the combined features described in (a) and (b) above.
- (18) FGC is provided with either Type B or Type C transmission performance as follows: (a) when routed directly to the end office, either Type B or Type C is provided; (b) when routed to an access tandem, only Type B is provided; or (c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGC.
- (19) FGC may, at the option of the customer, be provided with Band Configuration Screening for calls in the originating direction as set forth in this tariff.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. Feature Group D

FGD, which is available to all customers, provides trunk side access to the Utility end office switches with an associated 101XXXX access code for the customer's use in originating and terminating communications.

A more detailed description of the feature groups is set forth in this section.

- (1) FGD is provided at Utility appropriately equipped electronic end office switches.

FGD utilizes a two-point electrical communication path between the Interface arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

SS7 Out of Band Signaling for FGD is provided at suitably equipped Utility end office or access tandem switches.

- (2) FGD is provided as trunk-side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified.
- (3) The Utility will select the trunking arrangement from the end office within the selected Access Area from which FGD is to be provided. If the IC orders an ANI Arrangement, Alternate Traffic Routing Arrangement, Service Class Routing Arrangement, Trunk Access Limitation Arrangement, or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.
- (4) FGD is arranged for either originating calling only, terminating calling only, or two-way calling based on the end office switching BHMC ordered on a per trunk basis, at the option of the IC. The Utility will determine the type of directional calling to be provided unless the IC orders an Operator Assistance Full Feature Arrangement or requests the option, Specification of Switched Access Directionality. For such arrangements, additional charges on an individual case basis will apply if the trunking arrangements are different from those the Utility would have provided without such special arrangements.

Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL. Two-way calling permits either the origination or termination of calls, but not simultaneously.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. Feature Group D - Continued

- (5) FGD is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to 12 digits of the called party number dialed by the end user will be provided by Utility equipment to the CDL where the FGD terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.
- (6) FGD, when being used in the terminating direction, may be used to access valid NXXs in the FGD Access Area. If the FGD connection is made directly to an end office, the Access Area is that of that end office only. If the FGD connection is made to an access tandem, the Access Area is all end offices subtending that access tandem that have equal access capabilities. When the customer wants access to all end offices subtending the access tandem (both equal and non-equal access), a single FGD trunk group may be used. Traffic terminating at a non-equal access end office using a FGD trunk group will be ordered as FGB or FGC and billed at FGB or FGC rates. Separate trunk groups for the combined use of FGD and FGB or FGD and FGC are not required. The description of any FGD Access Area will be provided to the customer upon request. FGD may also be used in the terminating direction to access information services (e.g., time and temperature) and IC services by dialing the appropriate codes when the services can be reached using valid NXX codes.
- (7) A separate trunk group will be established based on directionality (i.e. originating only, terminating only, or two-way traffic) of the FGD arrangement provided.
- (8) The access code for FGD is a uniform access code of the form 101XXXX. No access code is required if the end user's local telephone service is arranged for presubscription to the same IC.

The number dialed by the IC's end user shall be a 7 or 10 digit number for calls in the North American Numbering Plan (NANP). The form of the numbers dialed by the end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX. When the 101XXXX access code is used, FGD also provides for dialing the digit 0 for access to the IC's operator or the end-of-dialing (#) for cut-through access to the point of presence. FGD also provides for the dialing of digits 00 for access on a non-DDD basis to the IC's operator when the end user's service is designated to the IC. A single access code will be the assigned number of all FGD provided to the IC by the Utility.

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for FGD Switched Access Service. When the customer orders FGD Switched Access Service with 950-XXXX Access as described in II.B.6(x), FGD switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as FGD switched access calls.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. Feature Group D - Continued

(8) - Continued

FGD, provided with multifrequency address signaling or SS7 Out of Band Signaling, is arranged to receive address signaling through the use of DTMF or dial pulse address signaling from the end user.

(9) FGD may, at the option of the IC, be arranged to provide an ANI Arrangement to obtain the calling station billing number. The ANI arrangement provides seven-digit station billing number information to the CDL. When SS7 Out of Band Signaling is specified, the IC may obtain an ANI equivalent by ordering the charge number optional feature. In those situations where no billing number is available in the end office switch, as with four party service, no seven-digit number will be provided, only the area code and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven-digit number will be provided, and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Utility.

Dependent upon the group type, the ANI spill may be forwarded prior to the called number in appropriately equipped end offices. When the ANI spill is sent prior to the called number, 10 digits will be forwarded (NPA + NXX-XXXX). When the ANI spill is sent after the called number, the conventional seven digits will be forwarded. The Utility will determine the sequencing and protocol of the ANI spill and called number.

(10) FG-D may, at the option of the IC, be provided for interstate and intrastate communications as long as the IC provides the required reports.

(11) FG-D may, at the option of the IC, be provided with End Office End User Line Service Screening arrangement for calls in the originating direction. This arrangement provides the ability to screen originating call address signals to verify they are in accordance with the service provided to the calling station. The called NPA and/or NXX will be screened at end office switches designated by the Utility and the IC shall provide the screening criteria to the utility when the arrangement is ordered.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. Feature Group D - Continued

(12) FG-D is provided in the terminating direction, where equipment is available, with seven-digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Where equipment is available, FG-D will be provided in the originating direction to ICs equipped with 105 type test lines and responders or their equivalents and in the terminating direction to customers equipped with compatible remote office test lines with automatic testing. At the Utility's option, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Utility provides a technician at its office(s) and the IC provides a technician at its point of presence with suitable test equipment to perform the required tests. Additional testing charges will apply when: (a) the customer requests a test not specified in the preceding (b) the test requested is not essential to the ongoing maintenance of FG-D; or (c) the customer requests testing on a more frequent basis than scheduled for in the utility's central office maintenance planning system (COMPS).

a. When FGD or 800 Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Utility and the customer at locations, dates, and times as specified by the Utility in consultation with the customer. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Utility to the customer will be subject to a nondisclosure agreement.

(13) FG-D may, at the option of the IC, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the point of presence. When that trunk group is fully loaded, additional originating traffic is automatically delivered over a second designated trunk group to a second point of presence. For existing arrangements only, up to three trunk groups to three points of presence may be provided.

(14) FG-D may, at the option of the IC, be provided with a Service Class Routing arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified points of presence based on service prefix (e.g., 0-, 0+, 1+); service class codes (e.g., 500, 700, 800, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/ motel). Service classes of traffic unable to be served by an IC will be handled at the option of the Utility.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

d. Feature Group D - Continued

- (15) FG-D may, at the option of the IC, be provided with a Call Destination Routing Arrangement. This arrangement allows the routing of traffic among multiple points of presence designated by an IC within an exchange or serving area based on the destination of such traffic outside a Utility's facilities, provided that no more than one point of presence exists at any physical location.
- (16) FG-D will be arranged to accept calls from telephone exchange service without the 101XXXX uniform access code. Each telephone exchange service will be marked with a Presubscription code to identify which 101XXXX code its call will be directed to for Intermarket Area service.
- (17) FGD may, at the option of the customer, be provided with a Trunk Access Limitation arrangement. The Trunk Access Limitation agreement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group.
- (18) FGD may, at the option of the customer and with the Utility's concurrence be provided with an Operator Assistance Full Feature arrangement. This arrangement provides, to the IC's operator, the initial coin control function. FGD is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement. The coin collection and return protocol required by the customer must be compatible with Utility equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Utility. This option is unavailable with SS7 Out of Band Signaling.
- (19) FGD provided with either Type A, Type B, or Type C transmission performance as follows: (a) when routed directly to the end office, either Type B or Type C is provided; (b) when routed to an access tandem, only Type A is provided; (c) Type A is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Group 1. Type B and Type C are provided with Interface Groups 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with FGD.
- (20) FGD may, at the option of the customer, be provided with Band Configuration Screening for calls in the originating direction as set forth in this tariff.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

e. 800/877/888 Access Service

800/877/888 Access Service is an originating only trunk side Switched Access Service. The service provides a customer identification function and subsequent delivery of the call to the customer based on the dialed 800/877/888 number. It is available from all Utility end office switches.

When a 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX call is originated by an end user for 800/877/888 SAC Access Service, the 800/877/888 Customer Identification Function determines the customer to which the 800, 877 or 888 call is routed.

When an 800/877/888 call is originated by an end user, the Utility will perform the customer identification function, based on all ten dialed digits to determine the customer to which the call is to be routed. Once customer identification has been established, the call will be routed to the customer for completion.

The customer's 800/877/888 Access Service may be combined in the same trunk group arrangement with the customer's non-800/877/888 Access Service traffic, or, at the request of the customer, a separate trunk group will be established for 800/877/888 Access Service by means of the Service Class Routing optional feature.

800/877/888 Access Service originating from equal access end offices with the Customer Identification Function may be provided using the exchange access signaling without overlap outpulsing and with ten digit ANI. 800/877/888 Access Service originating from equal access end offices without the Customer Identification Function capabilities, or from end offices not having equal access capability, may be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits.

800/877/888 Access Service may also be provided with SS7 Out of Band Signaling from suitably equipped end office or access tandem switches.

Originating Switched Access for 800/877/888 calls with the 800/877/888 customer identification function is available on FGD. 800/877/888 calls originating from equal access end offices will be routed to the customer with ten digit ANI.

Customer must order originating access in all LATAs from which their 800/877/888 number subscribers wish to receive 800/877/888 calls. Calls originating from a LATA in which the customer has not ordered originating access will be routed to an announcement.

Customers must provide the Utility with the POTS translation of 800/877/888 numbers assigned to those of their 800/877/888 number subscribers who will transport 800/877/888 calls on an intraLATA basis.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

f. 900 Access Services

900 Access Service is an originating trunk side service that provides for the forwarding of end user dialed 900-NXX-XXXX calls to a customer via a Utility designated switch capable of performing a customer identification function. The customer identification function determines the customer to which the 900 call is routed by the Utility based on the dialed digits.

When a 1+900-NXX-XXXX call is originated by an end user for 900 Access Service, the 900 Customer Identification Function determines the customer to which the call is to be routed.

1. 900 Service provides end users access to programs such as news, weather, financial information, entertainment and fun-raising services provided by an IP. The information may be in the form of voice or data. In addition, the program may be live or recorded and may be passive or interactive.
2. Callers access 900 Services by dialing 1-900-NXX-XXXX.
3. Each Customer is assigned carrier specific NXXs. The Utility routes 900 calls to the correct carrier based upon the NXX. The customer then connects the calls to the proper IP.
4. The customer pays the Utility the appropriate FGD switched access rates per access minutes of use for 900 calls delivered to the Customer Designated Location. The customer, in turn, bills the IP based on the customer's tariff.
5. Blocking is available to the Utility's end users, under the terms and conditions set forth in the Product Guide.
6. IP calls billed to a Utility calling card, third party calls billed to IP telephone numbers and collect calls to IP number are denied. All calls to an IP number from coin telephones and all calls requiring Utility operator assistance or handling are denied.
7. The Utility will recover the cost of blocking by assessing each customer a charge for each access minute billed to the customer for 900 calls made to the IP from the Utility's territory.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

g. 500 Access Service

500 Access Service is an originating service that is provided via Service Access Code (SAC) Access Service switched trunk groups, or may be provided in conjunction with FGC or FGD. When a 1+500-NXX-XXXX or 0+500-NXX-XXXX call is originated by an end user for 500 SAC Access Service, the 500 Customer Identification Function determines the customer to which the call is to be routed based on the 500 NXX code dialed.

1. The Customer Identification Function must be ordered in conjunction with each 500 Access Service trunk group. At the customer's option, 500 Access Service traffic can be carried on the same group with non-SAC Access traffic.
2. When a 1+500-NXX-XXXX or 0+500-NXX-XXXX call is originated by an End User, the Utility will perform the selected Customer Identification Function based upon the dialed digits to determine the disposition of the call. If the call originates from an end office not equipped to provide the Customer Identification Function, the call will be routed to an office where the function is available. Once the Customer Identification Function has been performed, the call will be routed to the customer.
3. The manner in which 500 Access Service is provided is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access or not equipped with equal access capabilities). When 500 Access Service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with FGD or BSA-D expect when more than one Utility access tandem is employed in the transport of a 500 Access Service Call.

When 500 Access Service is provided from an end office not equipped with equal access capabilities, such service will be provisioned in accordance with the technical characteristics available with FGC, FGD, BSA-C or BSA-D. In either case, when more than one Utility access tandem is employed in the transport of a 500 Access Service call, Standard Transmission characteristics are not guaranteed.

4. For other than FGC, end offices that lack equal access or the Customer Identification Function capabilities, may only be served via an equal access tandem over FGD trunks or 500 Access Service Trunk groups. For FGC, 500 Access Service can be provided through an existing trunk group or separate FGC trunk group which handles 500 Access Service. 500 Access Service from an access tandem, with both equal and non-equal access end offices, can be combined on a single FGD trunk group to the CDL. 500 Access Service from a Utility access tandem with non-equal access end offices can be provided on a FGC trunk group.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

1. Description of Feature Groups - Continued

g. 500 Access Service - Continued

5. 500 SAC Access Service originating from equal access end offices with the 500 Customer Identification Function may be provided using exchange access signaling with overlap outputting and ten digit ANI. 500 Access Service originating from equal access end offices without the Customer Identification Function capabilities, or from end offices not having equal access capability, may be provided using conventional signaling. On traffic using conventional signaling, other than FGC, the customer's facilities shall provide off hook supervision upon receipt of the transmitted digits.

SAC Access Services may also be provided with SS7 Out of Band Signaling from suitably equipped end office or access tandem switches.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs)

The Utility, under ordering provisions, at rates and charges specified, will provide Lineside, Trunkside and Dedicated Network Access Line (DNAL) Switched Access Basic Serving Arrangements (BSAs) as follows:

a. BSA-A

Basic Serving Arrangement A (BSA-A), which is available to all customers, provides line-side access to Utility end office switches with an end user access code of NXX-XXXX for the customer's use in originating and terminating communications. BSA-A is available as Message Telecommunications Service-type or Wide Area telecommunications Service-type (MTS/WATS-type) access or as Foreign Central Office/Off Network Access Line (FCO/ONAL) open end access, for customer provided intrastate communications capability or connection to an interexchange intrastate service.

1. BSA-A is provided at all Utility end office switches and switches customer communications to and from Common Lines, or Special Access Lines.

BSA-A utilizes a two-point electrical communications path between the Interface Arrangements and the Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

2. BSA-A is provided as line-side switching through end office switch line equipment. Line-side switching may, at the option of the customer, be provided with ground start supervisory signaling or loop start supervisory signaling. BSA-A may also be provided with certain Basic Service Elements (BSEs).
3. The customer shall select the first point of switching, within the selected BSA-A Access Area.
4. BSA-A is arranged for originating calling only, terminating calling only or two-way calling. The Utility will determine the type of calling to be provided unless the customer requests the option. Customer Specification of Switched Access Directionality. For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different than that the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

a. BSA-A - Continued

5. BSA-A, when being used in the terminating direction, is arranged with dial tone start-dial signaling and dial pulse address signaling. BSA-A, when being used in the terminating direction, may, at the option of the customer, be arranged for Dual Tone Multifrequency (DTMF) address signaling, subject to availability of equipment in the end office from which BSA-A is provided. When BSA-A is provided in a Hunt Group Arrangement or Uniform Call Distribution Arrangement, all BSA-A will be arranged for the same type of signaling.

No address signaling is provided by the Utility when BSA-A is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the end user using inband tone signaling techniques. Such inband tone address signals will be subject to the ordinary transmission capabilities of the Switched transport provided.

6. BSA-A, when used in the terminating direction, may be used to access valid NXXs in the BSA-A Access Area. For BSA-A, the Access Area is defined as the local calling area of the end office switching from which the BSA-A is provided. The description of any specific BSA-A Access Area will be provided to the customer upon request. Access is also provided for Extended BSA-A terminating calls established on a 1+ basis (i.e., toll) outside the specific BSA-A Access Area (i.e., local calling area) however inside the LATA. When a BSA-A customer chooses to terminate toll calls outside the LATA via an interexchange Carrier's Service (i.e., no screening or blocking performed by customer), the rates and charges in RATES Section apply. The Utility may, at the customer's request, and depending on the technical capabilities, screen and block such inter LATA calls. Access is also provided to local operator service (0- and 0+), directory assistance (411 and 555-1212), local telephone repair (611), California Relay Service (711), emergency reporting service (911), information services (e.g., time and temperature) and IC services (by dialing the appropriate digits).

The customer will be billed for an operator surcharge as in the Utility General and/or Local Tariffs, for local operator assistance (0-) calls; certain community information service calls; directory assistance (411 and 555-1212) calls; and customer call charges in accordance with other IC tariffs in force when the Utility performs the billing for such customer calls.

Access to these services may, at the option of the customer, be blocked when the Call Denial on Line or Hunt group three digit or six digit dial code screening arrangements are provided, subject to the availability of the equipment in the end office from which BSA-A is provided. Call Denial on Line or Hunt Group is an arrangement which will screen terminating calls except calls to 411, 611, 711, 911, 800, 555-1212, and a set of NXXs selected by the customer, in cooperation with the Utility for each end office switch and route all other calls to reorder tone or recorded announcement.

Three digit dial code screening is an arrangement which will screen terminating calls and allow completion of calls to one or more specific NXXs (or all NXXs) within the Home NPA, or calls to one, two, or three digit service codes (e.g., 0, 411) and route all others to reorder tone or recorded announcement.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

a. BSA-A - Continued

6. - Continued

Six digit dial code screening is an arrangement which will screen Access Area terminating calls and allow completion of calls to selected NXXs within foreign NPAs and route all other calls in the foreign NPA to reorder tone or recorded announcement.

7. BSA-A is provided on a single line basis. When BSA-A is provided in a Hunt Group Arrangement or a Uniform Call Distribution Arrangement, the BSA-A may also, at the option of the customer, be provided with a Nonhunting Number Arrangement. The Uniform Call Distribution arrangement and the Nonhunting Number arrangement are only available from certain Utility end office switches. All BSA-A in a Hunt Group Arrangement or Uniform Call Distribution Arrangement with the Nonhunting Number Arrangement will be similarly arranged.

8. A seven digit telephone number assigned by the utility is provided for access to BSA-A in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX. If the customer requests a specific seven digit telephone number that is not currently assigned and the Utility can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

9. BSA-A is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), dc continuity and when applicable operational signaling.

Where Utility equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, and milliwatt (102 type) test line.

Additional testing will apply when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-A; or (c) the customer requests testing on a more frequent basis than scheduled for in the Utility's Central Office Maintenance Planning system (COMPS). The Utility will routinely perform maintenance testing from the dial tone end office to the customer's first point of switching.

10. When all BSA-A for an individual customer (a single line or entire hunt group) is discontinued at an end office, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

11. BSA-A is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the first point of switching. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangement 2 through 10. In addition, Data transmission Parameters may, at the option of the customer, be provided with BSA-A.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

b. BSA-B

Basic Serving Arrangement B (BSA-B), which is available to all customers, provides trunks-side access to Utility end office switches with an associated uniform 950-1XXX or 950-0XXX access code for originating and terminating communications for customer provided intrastate communications capability or connection to an interexchange intrastate service.

1. BSA-B, when provided without the use of a Utility access tandem switch (in a directly routed arrangement), is provided at all Utility appropriately equipped electronic end office switches. When provided via Utility appropriately equipped electronic access tandem switches, BSA-B End Office Services are provided at all Utility subtending end office switches in the terminating direction and at appropriately equipped end offices in 950-XXXX. For those subtending end offices that are not appropriately equipped, access in the originating direction is available by the end user access code of 1+950-XXXX.

BSA-B utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or a Special Access Line, which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry, for the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

2. BSA-B is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with wink start pulsing and answer and disconnect supervisory signaling. BSA-B may also be provided with certain Basic Service Elements (BSEs).
3. The Utility will select the trunking arrangement from the end office within the selected Access Area from which BSA-B is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement or Rotary Dial Station Signaling, special routing and trunking arrangements may be required.
4. BSA-B is arranged for either originating, terminating, or two-way calling based on the trunks or BHMC ordered. The Utility will determine the type of directional calling to be provided unless the customer requests the option, Customer Specification of Switched Access Directionality. For such specification, additional charges on an Individual Case Basis will apply if the calling arrangements are different from that the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two way calling permits either the origination or termination of calls, but not simultaneously.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

b. BSA-B - Continued

5. BSA-B, when being used in the terminating and originating direction, is provided with multifrequency address signaling. At the option of the customer, up to 7 Digits Outpulsing of Access Digits to the customer will be provided in the originating direction by the Utility equipment to the CDL where the BSA-B terminates. Except for BSA-B provided with the ANI arrangement or Rotary Dial Station Signaling, any other address signaling in the originating direction, if required by the customer, must be provided by the end signals will not be regenerated by the Utility and will be subject to the ordinary transmission capabilities of the Switched Transport provided.
6. BSA-B, when being used in the terminating direction, may be used to access valid NXXs in the BSA-B Access Area. If the BSA-B connection is made directly to an end office, the Access Area is that of that end office only. If the BSA-B connection is made to an access tandem, the Access Area is that of all end offices subtending that access tandem. The description of any BSA-B Access Area will be provided to the customer upon request. Access is also available to information services (e.g., time and temperature) and IC services by dialing the appropriate digits and other services when those services can be reached using valid NXX codes. Premium End Office Switching - Unbundled (EOSU) rates apply to all FGB usage originating or terminating at an equal access end office.
7. A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-B arrangement provided.
8. The access code for BSA-B is a uniform access code in the form of 950-XXXX. For end offices not appropriately equipped an IC may instruct their end users to access the BSA-B by dialing 1+950-XXXX.
9. BSA-B may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing numbers. ANI is not available if the BSA-B connection is at a Utility access tandem. The ANI arrangement provides seven digit calling station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no seven digit number will be provided, and an "identification failure" information digit will be provided. ANI will be available using multifrequency signaling provided by the Utility.

Rotary Dial Station Signaling will be made available in certain end offices using dial repeating equipment provided by the Utility. The customer must order Switched Transport arranged to pass the dial repeating signals. BSA-B is provided in directly routed arrangements where the ANI or Rotary Dial Station Signaling arrangements are provided.

Only calls from end users terminated on the end office switch will be provided with the ANI or Rotary Dial Station Signaling arrangements.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

b. BSA-B - Continued

10. The Utility will determine the end office ANI protocol for BSA-B. The Utility makes no guarantee that ANI will be available at all end offices which have access to BSA-B.
11. BSA-B is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched noise) and where applicable, dc continuity, signaling and balance testing.
  - a. Where Utility equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line.
  - b. Where Utility equipment is available and the customer is equipped with compatible remote office test lines, BSA-B will be provided with automatic testing (105 type or equivalent) in the originating direction.

Additional testing charges apply when: (1) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-B; or (c) the customer requests testing on a more frequent basis than scheduled in the Utility's Central Office Maintenance Planning System (COMPS). The Utility will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

12. When all BSA-B is discontinued at an end office and/or in an Access Area, a regular number intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the BSA-B associated with the number dialed has been disconnected.
13. BSA-B is provided with either Type B or Type C transmission performance. The parameters associated with these performances are guaranteed to the end office, when routed directly, or to the first point of switching, when routed via an access tandem. Type C transmission performance is provided with Interface Arrangement 1 and Type B is provided with Interface Arrangements 2 through 10. In addition, Data transmission Parameters may, at the option of the customer, be provided with BSA-B.
14. BSA-B may at the option of the customer and with the concurrence of the Utility, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

c. BSA-C

Basic Serving Arrangement C (BSA-C) provides trunk-side access to Utility end office switches for providers of MTS and WATS for originating and terminating communications. BSA-C is available in all end offices which are not equipped for FGD or BSA-D End Office Services.

1. BSA-C is provided at all Utility end office switches or Utility designated access tandem switches. BSA-C is available at an end office switch unless FGD or BSA-D is provided in the same office. When FGD or BSA-D is available, BSA-C will be discontinued as soon as the conversion to BSA-D can be arranged.

BSA-C utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated signals within the frequency bandwidth of approximately 300 to 3000 Hz.

2. BSA-C is provided as trunk-side switching through the use of end office switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start pulsing signals are provided in all offices where available. In those offices where wink start pulsing signals are not available, delay dial start pulsing signals will be provided.

BSA-C may also be provided with certain Basic Service Elements (BSEs).

3. The Utility will select the trunking arrangement from the end office within the selected Access Area from which BSA-C is to be provided. If the customer orders an ANI arrangement or Service Class Routing Arrangement, special routing and trunking arrangements may be required.
4. BSA-C is arranged for either originating calling only, terminating calling only, or two-way calling based on the trunks or BHMC ordered. The Utility will determine the type of Directional calling to be provided unless the customer requests the option, Customer Specification of Directionality. For such specification, additional charges on an Individual Case Basis will apply if the trunk group Routing arrangements are different from that the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL to the end user. Two-way calling permits either the origination or termination of calls, but not simultaneously.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

c. BSA-C - Continued

5. BSA-C is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such electromechanical end office switches, the address signaling will be dial pulse or reveritive pulse signaling, whichever is available. Dial pulse address signaling may, at the option of the customer, be provided in lieu of multifrequency address signaling of such signaling facilities are available in the end office. Up to twelve digits of the called party number dialed by the customer's end user will be provided by Utility equipment to the CDL where the BSA-C terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.
6. BSA-C, when being used in the terminating direction, may be used to access NXXs in the BSA-C Access Area. If the BSA-C connection is made directly to an end office the Access Area is that of that end office only. If the BSA-C connection is made to a Utility access tandem the Access Area is that of all end offices subtending that Utility access tandem. The description of any BSA-C Access Area will be provided to the customer upon request. Access is also available to Directory Assistance and other services (by dialing the appropriate codes) when the services can be reached using valid NXX codes.
7. A separate trunk group will be established based on the directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-C arrangement provided.
8. No access code is required for BSA-C. In certain locations, due to Central Office equipment limitations, two or three digit access codes may be used. The telephone number dialed by AT&TC's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by AT&TC's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN.
9. BSA-C may, at the option of the customer, be arranged to provide an ANI arrangement to obtain the calling station billing number. The ANI arrangement provides seven digit station billing number information to the CDL. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no seven digit number will be provided and an "operator identification" information digit will be provided. In those case where an ANI failure has occurred in the end office switch, no seven digit number will be provided and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Utility. BSA-C is provided in directly routed arrangements to the end office switch where the ANI arrangement is provided. The Utility will determine the end office ANI protocol for BSA-C. Only calls from end users terminated on the end office switch will be provided with the ANI arrangement. ANI is provided from end offices for which Utility recording for end user billing is not provided, or where it is not required, as with 800/877/888 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment.

Continued



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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

c. BSA-C - Continued

10. BSA-C may, at the option of the customer, be arranged for International Direct Distance Dialing (IDDD) arrangement in the originating direction. End offices or Utility access tandems equipped for IDDD will be designated by the Utility. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.
11. BSA-C is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.
  - a. Where Utility equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. The access number shall include: balance (100 type) test line, milliwatt (102 type) test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, nonsynchronous or synchronous test line, loop around test line, short circuit test line and open circuit test line.
  - b. Where Utility equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), BSA-C will be provided with automatic testing.
  - c. At the option of the Utility, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Utility provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Utility will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching.

Additional testing charges will apply when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-C; or (c) the customer requests testing on a more frequent basis than scheduled in the Utility's Central Office Maintenance Planning System (COMPS).
12. BSA-C may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.
13. BSA-C may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDL based on service prefix (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel).

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

c. BSA-C - Continued

14. BSA-C may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement in all Utility end offices. This arrangement provides for the routing of designated (e.g., 900 Service Code) originating calls to a specified number of transmission paths in a trunk group to the CDL in order to limit the amount of such traffic that can be completed.
15. BSA-C is provided with the following features in the originating direction for operator assistance services. BSA-C may require the routing by service Class Routing Arrangement.
  - a. Operator Assistance-Coin Control Arrangements for Utility end offices where equipment is available - Such arrangements provide coin return control and routing of 0+, 0-, 01+ and 011+ prefixed originating calls to the CDL. The operator services system arrangement for receipt of 0+, 0-, 1+, 01+ and 011+ calls may, at the option of the customer, be provided with the ANI arrangement. The cord board arrangement for receipt of 0- originating calls is not provided with ANI. BSA-C is provided in a directly routed arrangement where the Operator Assistance-Coin Control arrangement is provided. Only calls from coin station lines terminated on the end office switch where the Operator Assistance-Coin Control Arrangement is provided will be provided to the CDL.
  - b. Operator Assistance-Noncoin Arrangements in all Utility end offices - Such arrangements provide routing of 0+, 0-, 1+ and 011+ prefixed originating calls to the CDL. This arrangement for receipt of 0+, 0-, 1+, 01+, and 011+ originating calls may, at the option of the customer, be provided with the ANI arrangement.

The cord board arrangement for receipt of 0- originating calls is not provided with ANI. BSA-C is provided in a directly routed arrangement where the Operator Assistance-Noncoin Arrangement is provided. Only calls from end users terminated on the end office switch where the Operator Assistance-Noncoin Arrangement is provided will be provided to the CDL.
  - c. Operator Assistance - Combined (coin and noncoin) Arrangements in Utility end offices where equipment is available - This arrangement provides the combined features described in a. and b.
16. BSA-C is provided with either Type B or Type C transmission performance as follows: (a) when routed directly to the end office, either Type B or Type C is provided; (b) when routed to an access tandem, only Type B is provided; or (c) Type B or Type C is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1 when routed directly to an end office. Type B is provided with Interface Arrangements 2 through 10 whether routed directly to an end office or to an access tandem. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-C.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

d. BSA-D

Basic Serving Arrangement D (BSA-D), available to all customers at appropriately equipped electronic end office switches, provides trunk-side access to Utility end office switches with an associated 101XXXX access code for providers of MTS/WATS and MTS/WATS-type services for originating and terminating communications for customer provided intrastate communications capability or connections to an interexchange intrastate service.

1. BSA-D utilizes a two-point electrical communications path between the Interface Arrangement and Common Line or Special Access Line which is a voice grade transmission path comprised of any form or configuration of plant capable of, and typically used in the telecommunications industry for, the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

SS7 Out of Band Signaling for BSA-D is provided at suitably equipped Utility end office or access tandem switches.

2. BSA-D is provided as trunk-side switching through the use of end office or Utility access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling and wink start pulsing signals except when SS7 Out of Band Signaling is specified. BSA-D may also be provided with certain Basic Service Elements.
3. The Utility will select the trunk arrangement from the end office, within the selected Access Area from which BSA-D is to be provided. If the customer orders an Automatic Number Identification (ANI) Arrangement or an Alternate Traffic Routing Arrangement, Service Class Routing Arrangement; Trunk Access Limitation Arrangement; or Operator Assistance Full Feature Arrangement, special routing and trunking arrangements may be required.
4. BSA-D is arranged for either originating calling only, terminating calling only, or two-way calling and is based on the trunks or BHMC ordered. The Utility will determine the type of directional calling to be provided unless the customer orders an Operator Assistance Full Feature Arrangement or requests the option, Customer Specification of Switched Access Directionality. For such arrangements, additional charges on an Individual Case Basis will apply if the trunking arrangements are different from that the Utility would have provided without such special arrangements. Originating calling permits the origination of calls from the end user to the CDL. Terminating calling permits the termination of calls from the CDL. Two-way calling permits either the origination or termination of calls, but not simultaneously.
5. BSA-D is provided with multifrequency address signaling or SS7 Out of Band Signaling. Up to twelve digits of the called party number dialed by the end user will be provided by Utility equipment to the CDL where the BSA-D terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

d. BSA-D - Continued

6. BSA-D, when being used in the terminating direction, may be used to access valid NXXs in the BSA-D Access Area. If the BSA-D connection is made directly to an end office the Access Area is that of that end office only. If the BSA-D connection is made to a Utility access tandem, the Access Area is all end offices subtending that access tandem that have BSA-D capabilities. When the customer wants access to all end offices subtending that access tandem (both equal access and non-equal access) a single BSA-D trunk group may be used.

Traffic terminating at a non-equal access end office using a BSA-D trunk group will be ordered as BSA-B or BSA-C and billed at BSA-B or BSA-C rates. Separate trunk groups for the combined use of BSA-D and BSA-B or BSA-D and BSA-C are not required. The description of any BSA-D Access Area will be provided to the customer upon request. BSA-D may also be used in the terminating direction to access information services (e.g., time and temperature) and other services by dialing the appropriate codes when the services can be reached using valid NXX codes.

7. A separate trunk group will be established based on directionality (i.e., originating only, terminating only, or two-way traffic) of the BSA-D arrangement provided.
8. The access code for BSA-D is a uniform access code of the form 101XXXX. No access code is required if the end user's Utility local service is arranged for Primary Interexchange Carrier (PIC) arrangement to the same customer. The number dialed by the end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a five to twelve digit number may be dialed. The form of the numbers dialed by the end users is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the International Direct Distance Dialing Arrangement (IDDD) is provided, 01 + CC + NN or 011 + CC + NN. When the 101XXXX access code is used, BSA-D also provides for dialing the digit 0 for access to the customer's operator, or the end-of-dialing digit (#) for cut-through access to the CDL.

BSA-D also provides for the dialing of digits 00 for access on a non-DDD basis to the customer's operator when the end user's service is designated to the customer. A single access code will be the assigned number for all BSA-D provided to the customer by the Utility.

In addition to the standard 101XXXX access code, the customer has the option to use 950-XXXX as an access code for FGD Switched Access Service. When the customer orders FGD Switched Access Service with 950-XXXX Access, FGD switched access calls may also be originated by using the customer's 950-XXXX access code(s). All such calls will be rated as FGD switched access calls.

BSA-D, provided with multifrequency address signaling or SS7 Out of Band Signaling, is arranged to receive address signaling through the use of Dual Tone Multifrequency (DTMF) or dial pulse address signaling from the end user.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

d. BSA-D - Continued

9. BSA-D may, at the option of the customer, be arranged to provide ANI arrangement to obtain the calling station billing number. The ANI arrangement provides ten digit station billing number information to the CDL. When SS7 Out of Band Signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature. In those situations where no billing number is available in the end office switch, as with 4/8 party service, no ten digit number will be provided, only the area code and an "operator identification" information digit will be provided.

In those cases where an ANI failure has occurred in the end office switch, no ten digit number will be provided, and an "identification failure" information digit will be provided. ANI will be made available using multifrequency signaling provided by the Utility.

Dependent upon the group type, the ANI spill may be forwarded prior to the called number in appropriately equipped end offices. When the ANI spill is sent prior to the called number, ten digits will be forwarded (NPA + NXX-XXXX). When the ANI spill is sent after the called number, the conventional seven digits will be forwarded. The Utility will determine the sequencing and protocol of the ANI spill and called number.

10. BSA-D may, at the option of the customer, be arranged for the International Direct Distance Dialing (IDDD) Arrangement in the originating direction. End Offices or Utility access tandems equipped for IDDD will be designated by the Utility. The CDL must be equipped to receive the IDDD supervisory and address signals and the CDL must provide operator assistance to the end users if necessary to obtain the IDDD address signals once the CDL acknowledges it is ready to receive IDDD address signals.

BSA-D may also be arranged to forward the international calls of one or more international carriers to the customer. This arrangement requires verification by the Utility that the customer is authorized to forward such calls.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

d. BSA-D - Continued

11. BSA-D is provided with basic testing at no additional charge. Basic tests include: loss, 3 tone slope, (C-message and C-notched), and where applicable, signaling and balance testing.
  - a. Where Utility equipment is available, a seven digit access number will be provided to the customer for testing in the terminating direction. These access numbers shall include: balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Access to test lines by other than seven digits is at the option of the Utility and may vary in availability.
  - b. Where Utility equipment is available and the customer is equipped with compatible equipment (remote office test lines and 105 test lines with associated responders or their functional equivalent), BSA-D will be provided with automatic testing.
  - c. At the option of the Utility, cooperative testing may be provided in lieu of automatic testing. Cooperative testing is where the Utility provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. The Utility will routinely perform maintenance testing from its access tandem or end office (if direct routed) to the customer's first point of switching. Additional testing charges will apply when: (a) the customer requests a test not specified in the preceding; (b) the test requested is not essential to the ongoing maintenance of BSA-D; or (c) the customer requests testing on a more frequent basis than scheduled in the Utility's Central Office Maintenance Planning System (COMPS).
  - d. When BSA-D or 800 SAC Access service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Utility and the customer at locations, dates, and times as specified by the Utility in consultation with the customer. These tests are as specified in Bellcore Technical Reference Publication TR-TSV-00905. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Utility to the customer will be subject to a nondisclosure agreement.
12. BSA-D may, at the option of the customer, be provided with Alternate Traffic Routing. This arrangement delivers originating traffic from an end office over a designated trunk group to the CDL. When that trunk group is fully loaded, additional originating traffic is automatically delivered over one or more designated trunk groups to one or more CDLs.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

d. BSA-D - Continued

13. BSA-D may, at the option of the customer, be provided with a Service Class Routing Arrangement. This arrangement allows originating traffic to be delivered over selected trunk groups to specified CDLs based on service prefix code (e.g., 0-, 0+, 1+, 01, 011); service class codes (e.g., 500, 700, 800, 900); or end user originating line class of service (e.g., coin, multiparty, hotel/motel). Service classes of traffic unable to be served by a customer will be handled at the option of the Utility.
14. BSA-D will be arranged to accept calls from Utility local service without the 101XXXX uniform access code. Each Utility local service will be marked to identify which 101XXXX code its calls will be directed to for InterLATA Area service.
15. BSA-D may, at the option of the customer, be provided with a Trunk Access Limitation Arrangement. The Trunk Access Limitation Arrangement provides for the routing of designated (e.g., 900 Service class code) originating calls to a specified number of transmission paths in a trunk group.
16. BSA-D may, at the option of the customer, be provided with an Operator Assistance Full Feature Arrangement. This arrangement provides, to the customer operator, the initial coin control function. BSA-D is provided in a directly routed arrangement from the end office switch when this feature is provided. This feature may require the routing by Service Class Routing Arrangement. The coin collection and return protocol required by the customer must be compatible with Utility equipment. Offering of this feature is contingent upon suitable administrative procedures/agreements for coin services being negotiated between the customer and the Utility. This option is unavailable in conjunction with SS7 Out of Band Signaling.
17. BSA-D is provided with either Type A, Type B, or Type C transmission performance as follows: (a) when routed directly to the end office, either Type B or Type C is provided; (b) when routed to an access tandem, only Type A is provided; (c) Type A is provided on the transmission path from the access tandem to the end office. Type C transmission performance is provided with Interface Arrangement 1. Type A and Type B are provided with Interface Arrangements 2 through 10. In addition, Data Transmission Parameters may, at the option of the customer, be provided with BSA-D.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

2. Description of Basic Serving Arrangements (BSAs) - Continued

d. BSA-D - Continued

18. BSA-D trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with BSA-D is Overlap Outputting. At the option of the customer, where technically available BSA-D may be provided with Non-Overlap Outputting signaling protocol.

e. Dedicated Network Access Link

The DNAL provides a connection between the customer designated location and the Utility End Office that provides the BSA-A dial tone for connection to equipment is not part of the end office switch but that is used to provide the Simplified Message Desk Interface (SMDI) BSE. The DNAL is only available for use in conjunction with SMDI BSE.

DNAL service is a four-wire channel which is capable of transmitting signals within the frequency bandwidth of approximately 300 to 3000 Hz.

There are two rate elements which apply to DNALs. The entrance facility, which provides the transmission path and interface between the Utility's serving wire center and the customer provided facilities at the point of termination at the CDL. If the serving wire center is not the BSA-A dial tone office, then Direct-Trunked Transport will also apply for the mileage between the serving wire center and the BSA-A dial tone office.

The rates and charges for four-wire Voiceband Entrance Facilities and Direct-Trunked Transport Facility-Voiceband apply for the DNAL Entrance Facility and DNAL Direct-Trunked Transport, respectively.

f. Alarm Signal Transport Service (ASTS)

ASTS is offered via DC (Metallic) and telegraph-grade facilities in conjunction with special scanning equipment in the central office.

DC (Metallic) and telegraph-grade facilities and services were discontinued effective November 3, 1991.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Description of Switched Transport

a. General

- (1) Switched Transport provides the transmission of Switched Access communications including SAC Access Service, between the CDL and the originating or terminating end office switch(s) in the Access Area with one exception. Switched Transport associated with FGA or BSA-A 1+ terminating traffic provides for the transmission of Switched Access outside the Access Area, however within the LATA. Switched Transport is comprised of the following rate elements: an Entrance Facility Rate, a Direct-Trunked Transport Rate, and a Tandem-Switched Transport Rate. A Dedicated Switched Access Transport Rate is associated with CCS7 Access Service.

An EIS Cross Connect rate applies where switched access is interconnected with a customer's transmission facilities in accordance with Section XI.

The Entrance Facility Rate is assessed upon customers for the use of Utility Voiceband, DS1 and DS3 high capacity facilities, including interface arrangements, between the point of termination at the Customer Designated Location (CDL) and the Utility's serving wire center. The Entrance Facility is further described in II.B.3.(b).

The Direct-Trunked Transport Rate is assessed upon customers for the use of Voiceband, DS1 and DS3 high capacity transport facilities dedicated to a single customer between a serving wire center and end office (including host end offices), between a serving wire center and a Utility Hub for multiplexing purposes, between a serving wire center and a Directory Assistance Center, between a Utility Hub and an end office and between a serving wire center and a tandem\*. The Direct-Trunked Transport Rate is flat-rated and, with the exception of Voiceband Transport, has both distance-sensitive and nondistance-sensitive components. Voiceband Direct-Trunked Transport is distance sensitive only. Direct-Trunked Transport is further described in II.B.3(c).

A Dedicated Trunk Port is applicable to the purchase of dedicated trunks terminated by that port. The Dedicated Trunk Port provides for the termination of a dedicated trunk at the end office or access tandem. The Dedicated Trunk Port is a flat rated charge assessed on a per trunk basis. The rate is determined based on whether the trunk is Voiceband or DS1.

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport between a serving wire center and an end office that is switched at an access tandem. The Tandem-Switched Transport Rate may also be assessed for transport between an access tandem and end office and between a host end office and a remote end office. 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 in common by multiple customers from the tandem to an end office. The Tandem-Switched Transport Rate includes three sub elements, a Tandem-Switched Transport - Facility, Tandem-Switched Transport - Termination, and a Tandem Switching Rate. The Tandem Switching Rate is not applicable for transport between a host end office and a remote end office or to FGA or BSA-A Transport. Tandem-Switched Transport is further described in II.B.3(d).

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Description of Switched Transport - Continued

a. General - Continued

- (2) Switched Transport facilities provide two-way voice frequency transmission paths which permits the transport of calls in the originating direction (from the end office switch to the CDL), and in the terminating direction (from the CDL to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz. Direct-Trunked Transport and Entrance Facilities are composed of facilities as ordered by the customer.

The Utility will work cooperatively with the customer in determining (1) service to be routed directly to an end office switch or via an access tandem switch and (2) the directionality of the service.

- (3) For Tandem-Switched Transport the number of Switched Transport transmission paths provided between an end office switch and an access tandem are determined by the Utility using standard traffic engineering methods. The number of Switched Transport transmission paths provided between the access tandem and serving wire center of the CDL is determined by the customer's order. If ordered in BHMC, the Utility will determine the number of trunks, using standard traffic engineering methods.

When Direct-Trunked Transport is ordered directly to an access tandem, facilities between the serving wire center of the CDL and the Access Tandem will be determined by the customer's order.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Description of Switched Transport - Continued

b. Entrance Facility

The Entrance Facility provides the transmission path and the interface between the Utility's serving wire center and customer provided facilities at the point of termination at the CDL.

Switched Access is provided in a number of separate Entrance Facilities. Each Entrance Facility provides a specified facility interface (e.g., two-wire, four-wire, DS1, etc.). Provision of the Interface Arrangements and any Optional Arrangements may require placement of Utility equipment [e.g., supervisory signaling equipment] on the customer's premises.

Where transmission facilities permit, the individual transmission paths between the point of termination and the first point of switching may, at the option of the customer, be provided with Optional Arrangements.

The following Standard Entrance Facilities are available:

Two Wire VF  
Four Wire VF  
Group Analog (existing customers only)  
Supergroup Analog (existing customers only)  
Mastergroup Analog (existing customers only)  
DS1 Digital  
DS1C Digital (existing customers only)  
DS3 Digital  
DS3C Digital (existing customers only)

In lieu of an Entrance Facility, Switched Access may be interconnected with a customer's transmission facilities in accordance with Section XVII.

The number of Entrance Facilities provided is determined by the customer's order for service.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Description of Switched Transport - Continued

b. Entrance Facility - Continued

(1) Two-Wire Voice Frequency Entrance Facility

- (a) The Two-Wire Voice Frequency Entrance Facility, except as in (b), provides two-wire voice frequency transmission at the point of termination at the CDL. The interface is capable of transmitting signals within the frequency bandwidth of approximately 300 to 3000 Hz.
- (b) The Two-wire interface is not provided in association with FGC, FGD, BSA-C, and BSA-D when the first point of switching is an access tandem. In addition, the two-wire interface is not provided in association with FGB and BSA-B when the first point of switching is an access tandem where two-wire terminations are not provided.
- (c) The transmission path between the point of termination at the CDL and the serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.
- (d) The Two-Wire interface is provided with loop supervisory signaling. When the interface is associated with FGA or BSA-A, such signaling may be loop start or ground start. When the interface is associated with FGB, FGC, FGD, BSA-B, BSA-C and BSA-D, such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer, be provided with DX supervisory signaling, or E&M supervisory signaling.

(2) Four-Wire Voice Frequency Entrance Facility

- (a) The Four-Wire Voice Frequency Entrance Facility provides a four-wire voice frequency transmission at the point of termination at the CDL. The interface is capable of transmission of the human voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.
- (b) The transmission path between the point of termination at the CDL and the serving wire center may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of the human voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.
- (c) The interface is provided with loop supervisory signaling. When the interface is associated with FG-A or BSA-A, such signaling may be loop start or ground start signaling. When the interface is associated with FG-B, FG-C, FG-D, BSA-B, BSA-C and BSA-D, such signaling, except for two-way calling, may be reverse battery signaling. The interface may, at the option of the customer, be provided with supervisory signaling.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Description of Switched Transport - Continued

b. Entrance Facility - Continued

(3) Group Analog Entrance Facility

- (a) The Group Analog Entrance Facility provides a group level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to multiplex up to 12 voice frequency transmission paths. Before the serving wire center and the point of termination at the CDL, the Utility may, at its option, provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.
- (b) The interface is provided with individual transmission path supervisory signaling.
- (c) The Group Analog Entrance Facility is obsolete technology and is available only to existing customers.

(4) Supergroup Analog Entrance Facility

- (a) The Supergroup Analog Entrance Facility provides supergroup level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to multiplex up to 60 voice frequency transmission paths. Between the serving wire center and the point of termination the Utility may, at its option, provide multiplex equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz to promote transmission efficiency, if required.
- (b) The interface is provided with individual transmission path SF supervisory signaling.
- (c) The Supergroup Analog Entrance Facility is obsolete technology and is available only to existing customers.

(5) Mastergroup Analog Entrance Facility

- (a) The Mastergroup Analog Entrance Facility provides mastergroup level analog transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to multiplex up to 600 voice frequency transmission paths. Between the serving wire center and the point of termination at the CDL, the Utility may, at its option, provide multiplex equipment to derive 600 transmission paths of frequency bandwidth to approximately 300 to 3000 Hz to promote transmission efficiency, if required.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Description of Switched Transport - Continued

b. Entrance Facility - Continued

(5) Mastergroup Analog Entrance Facility - Continued

- (b) The interface is provided with individual transmission path SF supervisory signaling.
- (c) The Mastergroup Analog Entrance Facility is obsolete technology and is available only to existing customers.

(6) DS1 Digital Entrance Facility

- (a) The DS1 Digital Entrance Facility provides DS1 level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 1.544 Mbps, with the capability to multiplex up to 24 voice frequency transmission paths. Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive 24 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the customer's request, at the first point of switching, DS1 signals in D4 or D3 format.

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.

(7) DS1C Digital Entrance Facility

- (a) The DS1C Digital Entrance Facility provides a DS1C level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 3.152 Mbps, with the capability to multiplex up to 48 voice frequency transmission paths.

Between the first point of switching and the point of termination, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive up to 48 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the first point of switching, DS1 signals in D3 or D4 format.

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.
- (c) As of December 30, 1993, the DS1C Digital Entrance Facility is available to existing customers only.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Description of Switched Transport - Continued

b. Entrance Facility - Continued

(8) DS3 Digital Entrance Facility

- (a) The DS3 Digital Entrance Facility provides, on a protected basis, a DS3 level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 44.736 Mbps, with the capability to multiplex up to 672 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive up to 672 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the customer's request, at the first point of switching, DS1 signals in D3 or D4 format.

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.
- (c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Utility reserves the right to choose this equipment.

(9) DS3C Digital Entrance Facility

- (a) The DS3C Digital Entrance Facility provides a DS3C level digital transmission at the point of termination at the CDL. The interface is capable of transmitting electrical signals at 89.472 Mbps, with the capability to multiplex up to 1,344 voice frequency transmission paths.

Between the first point of switching and the point of termination at the CDL, when analog switching utilizing analog terminations are provided, the Utility may, at its option, provide multiplex equipment to derive up to 1,344 voice frequency transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

When digital switching or analog switching with digital carrier terminations are provided, the Utility will provide, at the customer's request, at the first point of switching, DS1 signals in D3 or D4 format.

- (b) The interface is provided with individual transmission path bit stream supervisory signaling.
- (c) To insure compatibility of transmission, the utilization of the same manufacturer's equipment (end-to-end) may be required. The Utility reserves the right to choose this equipment.
- (d) As of December 30, 1993, the DS3C Entrance Facility is available to existing customers only.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Description of Switched Transport - Continued

c. Direct-Trunked Transport

The Direct-Trunked Transport Rate is assessed upon customers for the use of Voiceband, DS1 or DS3 high capacity transport dedicated to the customer of record from a serving wire center to an end office (including host end offices), between a serving wire center and a Utility Hub for multiplexing purposes, between two Utility Hubs, between a serving wire center and a Directory Assistance Center, between a Utility Hub and end office or between a serving wire center and a tandem, between an EIS arrangement and serving wire centers, end offices, tandems or a Directory Assistance Center. The Direct-Trunked Transport Rate is flat-rated and, with the exception of Voiceband Transport, has both distance-sensitive and nondistance-sensitive components. Voiceband Transport has only a distance-sensitive component. The distance-sensitive mileage recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit.

A Dedicated Trunk Port charge shall be assessed on a per voicegrade or DS1 channel terminating at an end office or access tandem.

The non-distance sensitive component, i.e., the termination component, recovers costs of circuit equipment at the ends of the transmission links. Direct-Trunked Transport is not provided at Utility end offices that are not capable of measuring switched access minutes of use. These end offices are specified in NECA Tariff FCC No. 4.

d. Tandem-Switched Transport

The Tandem-Switched Transport Rate is assessed upon customers for the use of transport from a serving wire center to an end office that is switched at a tandem. The Tandem-Switched Transport rate may also be assessed for transport between an access tandem and end office and between a host end office and a remote end office. 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 in common by multiple customers from the tandem to an end office. When Tandem Switched Transport to a terminating carrier's end office, and not an end office owned by a Frontier Telephone ILEC Company, the Terminating Tandem 3<sup>rd</sup> Party and Dedicated Trunk Port rates are applicable. The Tandem-Switched Transport Rate includes three sub elements, a Tandem-Switched Transport - Facility, a Tandem-Switched Transport - Termination, and a Tandem Switching Rate. The Tandem-Switched Transport - Facility is usage rated and distance-sensitive, i.e., a per access minute per airline mile rate. The rate recovers costs of the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Tandem-Switched Transport - Termination is a usage rated, per minute rate to recover costs incurred at the ends of the transmissions links. The Tandem Switching Rate is a usage rated, per minute rate to recover a portion of the Tandem switching costs. The Tandem Switching Rate is not applicable for transport between a host end office and a remote end office.

Pursuant to FCC 20-143, released October 9, 2020 tandem switching and transport for originating Toll Free traffic will be charged via a single usage sensitive Joint Tandem Switched Transport Access Service rate applied per access minute.

(N)  
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(N)

Continued



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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Description of Switched Transport - Continued

e. Multiplexing

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Monthly rates and nonrecurring charges for multiplexing apply as follows:

- (1) the DS3/DS1 Multiplexing Charge applies to all DS3 to DS1 multiplexing arrangements;
- (2) the DS1/Voice Multiplexing Charge applies to all DS1 Entrance Facility and Direct-Trunked Transport circuits that terminate in an analog office and where the multiplexer performs DS1/Voice multiplexing functions;
- (3) a Multiplexing Charge will always apply for High Capacity shared use switched and special access facilities.

Listed below are the multiplexing arrangements offered with switched access.

- DS1 to Voice

An arrangement that multiplexes twenty-four voice grade circuits to a single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits.

- DS3 to DS1

An arrangement that multiplexes twenty-eight DS1 digital circuits to a single DS3 digital circuit at a rate of 44.736 Mbps, or multiplexes a single DS3 digital circuit at a rate of 44.736 Mbps to twenty-eight DS1 digital circuits.

f. Optional Arrangements

- (1) Switched Transport facilities will be engineered and routed based on standard engineering methods, available facilities and equipment, Utility traffic routing plans and the customer's order for service. The Utility will work cooperatively with customers in providing design and traffic routing information.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

3. Description of Switched Transport - Continued

f. Optional Arrangements - Continued

- (2) The Utility will provide the following Optional Arrangements in association with Entrance Facilities. The provision of such Optional Arrangements may require placement of Utility equipment on the customer's premises. These Optional Arrangements are non-chargeable.

Supervisory Signaling

A supervisory signaling capability is provided for each Interface Arrangement. Where the transmission parameters permit and where signaling conversion is required by the customer to meet its signaling capability, the customer may order a supervisory signaling arrangement for each transmission path provided as follows:

For Two-Wire and Four-Wire Voice Frequency Interface Arrangements Only

DX Supervisory Signaling arrangement, or  
E&M Type I Supervisory Signaling arrangement, or  
E&M Type II Supervisory Signaling arrangement.

For Four-Wire Voice Frequency Interface Arrangement Only

SF Supervisory Signaling arrangement or  
E&M Type III Supervisory Signaling Arrangement.

These optional supervisory signaling arrangements are unavailable with SS7 Out of Band Signaling as described in this section of the tariff.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

4. Public Telephone Service

a. Public Access Lines (PAL)

In requesting PAL service, the customer agrees to identify to the public that intraLATA calls originated from the customer's public coinless telephone are handled by the Utility. The customer will post such notice at each of its public access coinless telephone locations.

PAL Service is provided only for use with FGC or FGD Switched Access service. PAL service connects the Utility's serving end office that is equipped with FGC or FGD to a customer's public coinless telephone locations.

PAL service allows the customer to provide a public access coinless telephone instrument for the origination/termination of interLATA calls. The Utility will provide the capability for completing local and intraLATA toll calls over its facilities.

All inside wiring from the Utility's termination (i.e., Main Termination Room) at the service location designated by the customer will be installed and maintained by the customer.

The PAL will be provided on two-wire facilities.

b. Speed Dialing Service

This service provides public coin telephones at Utility designated sites within its operating areas which have coin access, speed dialing and 0+/1+ access. The customer must participate on each station site designated by the Utility in one or more Central Office serving areas, with a minimum of one serving area required for participation.

The Utility will provide this service in one of two options at locations determined on a central office basis.

- (1) Option 1, provides speed dial pads with push down decal embossed touch buttons on which different carriers or selected businesses may display their business logo. The end user will be able to push a single button and access the carrier's network or business location. Once access to the carrier's network has been achieved the end user will then enter his/her Personal Identification Number (PIN) to complete the call. No additional dialing is required for direct access to participating businesses.

Placement of the customer's business logo on the selection pad of each station will be determined by the Utility.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

4. Public Telephone Service - Continued

b. Speed Dialing Service - Continued

- (2) Option 2, is a Utility assigned 2 digit code plus # sign (i.e. #22, or 22#) which will access the customer's network or business number. This eliminates the need to dial the customer's normal access code or telephone number.

The IC will install access facilities with the appropriate options for public telephone operation, such as signaling options as required.

The minimum period for this service is one month (30 days). A customer may cancel the service by written notice on any date prior to the start of the following month's service. If written notice is not received prior to the start of the following month's service, the Utility shall assume that the service is to be extended another month (30 days). If service is discontinued prior to the end of the period ordered, the customer will pay charges for the entire month.

The rates and regulations for this service are in addition to the applicable regulations, rates and charges specified in other section-of this tariff and the Utility's local exchange tariffs.

Regulations, rates and charges as follow apply to Speed Dialing Service and shall not serve as a substitute for customer tariff offerings of services to end users. The provision of speed dialing service by the Utility does not constitute a joint undertaking with the customer for the furnishing of any services. Any end user billing disputes shall be the responsibility of the customer.

5. Description of End Office Services

End Office Services provide the end user termination functions and end office switching necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. Standard Arrangements for End Office Services include the End Office Switching Rate Element. End Office Services Optional Arrangements are available.

End Office Services are provided in association with Switched Transport when ordered as set forth in the Ordering Options for FIA. End Office Services will be provided as one of the feature group types: FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D and SAC Access Service.

The number of End Office Service transmission paths and line terminations provided will be determined by the Utility based on standard traffic engineering methods.

The rates are further differentiated based upon the directionality of the traffic carried over the Switched Access Service.

If the customer does not block calls or order screening which will block calls to other ICs, charges for the use of those other IC services will be in addition to the rates and charges stated herein.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements

The following optional arrangements are available in offices where equipment, facilities, and other conditions permit. The Utility makes no guarantee that these optional arrangements will be available in all locations.

With the exception of Customer Specification of Switched Access Directionality, and Operator Assistance-Full Feature Arrangements, these end office services' optional arrangements are non-chargeable, unless otherwise specified.

a. Alternate Traffic Routing

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a CDL until that group is fully loaded and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to the same or second CDL. The customer shall specify the last trunk CCS desired for the high usage group.

This option is provided in suitable equipped end office or access tandem switches and is available with FGC and D, and 800/877/888 Access Service.

Alternate Traffic Routing, as set forth above, may be used with Tandem Access Sectorization (TAS), but is limited to the following: Alternate Traffic Routing, between Equal Access Tandem Trunk groups terminating in the same wire center as the designated customer premises for the region. Alternate Traffic Routing, when used with TAS, will not be permitted as an optional arrangement between different wire centers.

This option is available with BSA-B, BSA-C and BSA-D as a chargeable BSE.

b. Automatic Number Identification Arrangement (ANI)

This option provides the automatic transmission of a three, seven or ten digit number and information digits to the CDL for calls originating in the Switched Access Area to identify the calling station where possible on at a minimum, the NPA from which the call originated the three, seven and ten digit numbers contain the following information: three digits NPA only; seven digits NXX+XXXX; and ten digits, NPA+NXX+XXXX. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a CDL or, where technically feasible, with (2) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a CDL.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

b. Automatic Number Identification Arrangement (ANI) - Continued

The seven digit ANI telephone number is available with FGB and FGC. It will be transmitted on all calls except those identified as a multiparty line or ANI failure. The ten digit ANI telephone number is only available with FGD. When FGD with SS7 Out of Band Signaling is specified, the customer may order an ANI equivalent by ordering the Charge Number optional feature. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as a multiparty line or ANI failure in which case only the NPA will be transmitted (in addition to the information digit described below). The ANI telephone number is the listed telephone number of the end user that originates the call.

With FGC, ANI is provided from end offices at which Utility recording for end user billing is not provided, or where it is not required, as with 800 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment.

Generally, the ten digit ANI telephone number is available with Feature Group D and 800/877/888 Access Service. The ten digit ANI number will be transmitted on all calls except those where ANI cannot be provided because the conditions set forth in (1) through (6) following exist or those from end offices not equipped to provide ANI. In these instances, only the three digit ANI and the information digits described in (1) through (6) following, if applicable, will be transmitted.

Additionally, when the customer has ordered the 800/877/888 to POTS Number Translation, information digits which identify the call as an 800/877/888 call will be forwarded to the customer premises in addition to the ten digit POTS number. These information digits will also replace the information digits which identify the condition set forth in (1) through (6) following when a POTS number is delivered to the customer premises.

Where ANI cannot be provided, (e.g., on calls from four party services), information digits will be provided to the customer.

The information digits supply information such as: (1) telephone number is the station billing number - no special treatment required, (2) multiparty line -telephone number is a party line and cannot be identified - number must be obtained via an operator or in some other manner, (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number must be obtained by operator or in some other manner, (4) hotel/motel originated call which requires room number identification, (5) public semi-public screened services, hospital, etc. call which requires special screening or handling by the customer, and (6) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party. These ANI information digits are available with Feature Groups B, C, D, and 800/877/888 Access Services.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

c. Call Destination Routing

This option allows the routing of traffic among multiple CDLs designated by a particular customer within an exchange area based on the destination of such traffic outside the Utility's facilities, provided that no more than one CDL exists at any (one) physical location. This option is available with FGC and D.

d. Call Denial on Line or Hunt Group

This option allows for the screening of terminating FGA and BSA-A calls within the Access Area. All other calls are routed to an appropriate access announcement. This arrangement is provided in Utility end office where available. It is available with FGA or BSA-A.

e. Dual Tone Multifrequency Address Signaling

This option allows reception of called party address signals from the customer in the form of DTMF signals. It is provided in all Utility end offices where available. When FGA or BSA-A arrangements are provided as part of a hunt group or uniform call distribution group, and the customer requires DTMF address signaling, then all arrangements in the hunt group will be so equipped. It is available with FGA or BSA-A.

f. Hunt Group Arrangement

The Hunt Group Arrangement is available with FGA as a non-chargeable option. This feature is available with BSA-A as a chargeable BSE.

(1) This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This arrangement contemplates one access code (i.e., telephone number) per arrangement.

(2) This option provides the ability to sequentially access one of two or more lines in the terminating direction, when the hunting number of the line group is forwarded from the customer to the Utility.

g. Specification of Switched Access Directionality

This option allows the customer to specify the directionality of the trunk group (i.e., originating, terminating, or two-way) in lieu of Utility specification. It is available with all Feature Groups and Basic Serving Arrangements. Rates and charges will be developed on an individual case basis.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

h. Nonhunting Number for Use with Hunt Group Arrangement

This option provides an arrangement for an individual line within a multiline hunt group that provides access to that line within the hunt group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this arrangement is provided with originating use for FGA, BSA-A or terminating use for Special Access Lines.

i. Nonhunting Number for Use with Uniform Call Distribution Arrangement

This option provides an arrangement for a uniform call distribution multiline hunt group that provides access to an individual line within the hunt group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this arrangement is provided with originating use for FGA, BSA-A, or terminating use for Special Access Lines.

j. Operator Assistance Full Feature Arrangement

This option, which is available only on a direct trunking arrangement, provides the initial coin return control function to the IC's operator. It is available with FGD or BSA-D. Rates and charges will be developed on an individual case basis. This option is unavailable with SS7 Out of Band Signaling.

k. Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the point of presence for originating calls. It is available with FG-B or BSA-B where conditions permit.

l. Service Class Routing

This option provides the capability of directing originating traffic from an end office to an IC-designated point of presence, based on the service prefix indicator (e.g. 0- and 0+) or service class code (e.g., 500, 600, 700, 800, 877, 888, 900). It is provided in suitably equipped end office or access tandem switches and is available with FGC, FGD, BSA-C, and BSA-D. Originating 500-NXX-XXXX calls are routed in accordance with the 500 Customer Identification Function described in II.B.22. Originating 800-NXX-XXXX, 877-NXX-XXXX or 888-NXX-XXXX calls are routed in accordance with the 800/877/888 Customer Identification Function as described in this section. Service Class Routing, as set forth above, may be used with Tandem Access Sectorization (TAS).

m. Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating calls within the Access Area and for disallowing completion of calls to 0- and N11 (e.g., 411, 611 and 911). Where available this arrangement is provided in Utility end offices. It is available with FG-A or BSA-A and can only be provided from suitably equipped stored program controlled switches.

Continued



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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

n. Trunk Access Limitation

This option provides for the routing of originating 900 or 900-like service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to the IC. Calls to designated service which could not be completed over the subset of transmission paths in the trunk group (i.e., the choked calls) would be routed to reorder tone. It is provided in all Utility end offices where available. It is available with FG-C, FGD, BSA-C, and BSA-D.

o. Uniform Call Distribution Arrangement

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this arrangement is provided with originating use for FGA and terminating use for Special Access Lines.

Uniform Call Distribution is available with BSA-A as a chargeable BSE.

p. Up to Seven Digit Outpulsing of Access Digits to the Customer

This option provides for the end office capability of providing up to seven digits of the access code to the point of presence. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the point of presence using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that arrangement was provided. It is available with FGB and BSA-B in suitably equipped end offices.

q. Switched Access Interface

This arrangement provides the line switching and line supervisory functions necessary to interface Voice Grade Special Access and Switched Access Services together for the provision of customer WATS or WATS-type Services. This service provides a transmission path capable of originating and/or terminating the customer's intrastate and combined interstate/intrastate traffic. Combining of intrastate traffic will be provided in accordance with state regulations.

This arrangement is only available from the Utility designated end offices which are identified as WATS Serving Offices (WSO). Technical limitations resident in certain end office switches may preclude the availability of certain Switched Access Interface features. Depending on the configuration selected below, the Utility will provide such services from the closest WSO that is technically equipped to provide such services. Special Access Transport charges as described in Section III will be applicable to the WATS Serving Office appropriately equipped for the service feature requested.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

q. Switched Access Interface - Continued

The Switched Access portion of this arrangement is available in this section of the tariff, except as set forth in (5), and provides connectivity from the Utility's WATS Serving Office to the CDL of the customer. The Special Access portion of this feature is available from Section III of this tariff and provides connectivity from the Utility's WATS Serving Office to the end user's CDL.

Switched Access Interface Service is available in the following configurations/features:

(1) Originating Only Feature

The Originating Only feature is available from appropriately equipped WATS Serving Offices on a per line basis and provides for the transporting of intrastate calls from a Special Access line to the customer via either FGA, FGB, FGC or FGD, BSA-A, BSA-B, BSA-C, or BSA-D switched access. It is provided in the following two arrangements:

(a) Restricted Geographic Screening Arrangements Originating Only

This arrangement provides the ability to screen a dialed number by NPA and/or NXX on the basis of a geographical band which is in accordance with an end user's service agreement with the customer. The geographical bands available are those in effect as of the effective date of this tariff provision. The customer must provide the Utility with the band information required for each Special Access line subscribed to this service.

This arrangement is provided when used exclusively for intrastate traffic (excluding international). This arrangement is not available for multijurisdictional traffic (combined interstate and intrastate) as set forth in II.

This arrangement is available from appropriately equipped WATS Serving Offices in conjunction with FGC, FGD, BSA-C and BSA-D and provides for:

- the transporting of all intrastate 1+NPA/NXX-XXXX and 1+FNPA-555-1212 calls to directory numbers that are associated with a customer selected geographic band to the customer;
- the blocking of all 1+NPA-NXX-XXXX and 1+FNPA-NXX-XXXX calls directed to directory numbers that do not lie within the geographic band selected by the customer;
- the blocking of all 1+500-NXX-XXXX, 0+500-NXX-XXXX, 1+700-NXX-XXXX, 1+800-NXX-XXXX and 1+900-NXX-XXXX calls;
- the blocking of all 0+NPA-NXX-XXXX calls;
- the transporting of all calls originated by dialing 0 (zero) to the Utility operator;
- the transporting of all calls originated by dialing 00 (zero, zero) to the IC customer (available only with FCD and BSA-D);
- the blocking of all calls preceded by the access code 101XXXX.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

q. Switched Access Interface - Continued

(1) Originating Only Feature - Continued

(a) Restricted Geographic Screening Arrangements Originating Only - Continued

At the option of the customer and where facilities permit, the following additional access configuration is available on a per line basis.

- IntraLATA Usage Package provides for the origination of intrastate intraLATA calls. The monthly intraLATA outward usage package must be provided by the Utility. The standard WATS usage charges apply.

(b) Unrestricted Arrangement - Originating Only

This arrangement is a multi-jurisdictional offering provided from a Utility appropriately equipped WATS Serving Office and provides for the transporting of interstate and intrastate calls from a Special Access line to the customer via FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, or BSA-D Switched Access. FGA or BSA-A access is obtained from a WATS Serving Office by dialing a standard seven digit number. FGB or BSA-B access is obtained from a WATS Serving Office by dialing 950-1/0XXX or 1+950-1/0XXX. The combining of interstate and intrastate traffic will be in accordance with (5). This arrangement provides for transporting the following types of calls:

- 1+NPA-NXX-XXXX, 1+700-NXX-XXXX, and 1+FNPA-555-1212 calls to the IC customer or via facilities of the Utility.
- 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX and 1+900-NXX-XXXX calls to the carrier designated by the digits dialed;
- 1+500-NXX-XXXX or 0+500-NXX-XXXX calls to the carrier in accordance with the 500 Customer Identification Function described in II.B.22;
- 0+NPA-NXX-XXXX calls to the IC customer or via facilities of the Utility;
- calls originated by dialing 0 (zero) to the Utility operator;
- calls originated by dialing 00 (zero, zero) to the IC customer (available only with FGD);
- calls originated by dialing 01 or 011 to the IC customer; and
- 1+ or 0 (zero)+ NPA-NXX-XXXX calls preceded by the access code 101XXXX to the carrier designated by the dialed digits (available only with FGD or BSA-D).

Optional Access Code Arrangements

- Subject to technical availability, on an individual line basis, calls preceded by the access code 101XXXX will be blocked.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

q. Switched Access Interface - Continued

(2) 800/877/888 Type Terminating Only Feature

The 800/877/888 Type Terminating Only feature is available on a per-line basis from appropriately equipped WATS Serving Offices and provides for the termination of all calls from the subscribing carrier (originated on a 1+800, 1+877 and 1+888 basis) directed to the Special Access via FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, or BSA-D Switched Access.

(3) Combined Originating/800/877/888 Type Terminating Calling Feature

The Combined Originating/Terminating Calling feature is available on a per-line basis from appropriately equipped WATS Serving Offices and provides the functionalities of both the Originating Only and the 800/877/888 Type Terminating Only features.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

q. Switched Access Interface - Continued

(4) The following matrix details the direction, call type, service prefix and traffic types provided on each Switched Access Interface Arrangement.

Section Ref.	<u>Restricted Geographic Screening Arrangement</u> (V)(1)(a)	<u>Unrestricted Arrangement</u> (V)(1)(b)	<u>800/877/888 Type Terminating Only</u> (V)(2)	<u>Combined Originating 800/877/888 Type Terminating</u> (V)(3)
<u>Directionality</u>				
Originating Only	x	x		
Terminating Only			x	
Two-Way				x
<u>Call Type (1+)</u>				
Local	B	B	B	B
IntraLATA/Intrastate	B	R/D*	C	R/D/C*
IntraLATA/Interstate	D	D	C	D/C
InterLATA/Intrastate	B	D*	C	D/C*
InterLATA/Interstate	D	D	C	D/C
<u>Service Prefix</u>				
0-	R	R		R
00-	D	D		D
0+	B	D*		
IDDD	B	D		D
101XXXX	B	D/B		D/B
<u>Traffic Type</u>				
411	B	B		B
911	R	R		R
976	R	R		R
700	B	D		D
500/800/877/888/900	B	D		D

D = Utility DELIVERS traffic to the customer.  
 R = Utility RETAINS and completes traffic.  
 C = Utility COMPLETES traffic to the end user's premises.  
 B = Utility BLOCKS traffic to an announcement.

\* Intrastate traffic will be delivered to the customer except where state restriction on the passage of intraLATA and/or interLATA traffic exists. These restrictions are detailed in (5).

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

q. Switched Access Interface - Continued

(5) Intrastate Traffic Restrictions

An interstate Switching Interface and an intrastate Switching Interface must be ordered for the provisioning of multi-jurisdictional access.

Unless the customer subscribes to the 101XXXX blocking option offered in this section, all calls carried over a Special Access Line used with a Switched Access Interface for multi-jurisdictional access will be passed to the customer for completion.

The terms, conditions and rates for the interstate Special Access and Switched Access associated with this feature are as set forth in Frontier's Interstate Tariff. The terms, conditions and rates for the intrastate Switched Access are as set forth in this tariff.

r. Non-Overlap Outpulsing

FGD trunking arrangements are available with two basic forms of signaling protocol. The standard signaling protocol provided with FGD is Overlap Outpulsing. At the option of the customer, where technically available, FGD may be provided with Non-Overlap Outpulsing signaling protocol.

This option provides initiation of pulsing to the customer's premises after the calling subscriber has completed dialing an originating call.

s. Switched Data Service

(1) This option provides for a connection capable of up to 56 Kbps digital transmission between the customer's CDL and a suitably equipped end office. Switched Data lines connected at those suitably equipped end offices may be accessed on a switched basis for digital transmission up to 56 Kbps. A list of suitably equipped end offices will be provided to the customer upon request.

This option is provided only with FGD or BSA-D. A separate FGD or BSA-D trunk group must be established for the provision of Switched Data service. This trunk group requires the use of a DS1 digital interface as described herein. Switched Data and Non-Switched Data traffic may not be combined on the same trunk group.

Access is made via the standard dialing pattern

This option is provided at rates and charges set forth in the ATES section for FGD service. This option is available in suitably equipped access tandems and end offices.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

s. Switched Data Service - Continued

- (2) This option provides for a connection capable of up to 64 Kbps digital transmission with clear channel capability between the customer's CDL and suitably equipped end offices. Clear channel capability allows for full bandwidth availability to the customer with no part of the channel used for control, framing or signaling.

Switched 64 requires all digital facilities including the use of DS1 digital interface and is available only with FGD or BSA-D from end offices capable of providing SS7 Out of Band Signaling, Bipolar with Eight Zero Substitution (B8Zs) line code format and Integrated Services Digital Network (ISDN) or other Switched Data based services. A list of suitably equipped end offices will be provided to the customer upon request. Normal FGD usage rates will apply to originating and terminating Switch 64 traffic.

Access is made via the standard dialing patterns as described in this section.

A separate FGD or BSA-D trunk group must be established for the provision of Switched 64.

Switched data and non-switched data traffic may not be combined on the same trunk group.

t. Signaling System 7 (SS7) Out of Band Signaling

This option is provided with Common Channel Signaling System 7 (CCS7) Access Service and is only available with Switched Access FGD or BSA-D service and 800/877/888 Access. CCS7 Access Service is provided pursuant to the rates, terms and conditions set forth in Frontier Tariff FCC No. 14. SS7 Out of Band Signaling provides common channel out of band transmission of address and supervisory SS7 protocol signaling information between the end office or access tandem switching systems and the CDL. FGD or BSA-D Switched Access and 800/877/888 Access service, equipped with SS7 Out of Band Signaling, are available with the following interface arrangements: DS1 Digital, DS1C Digital, DSC Digital and DS3C Digital. SS7 Out of Band Signaling is provided at suitably equipped Utility end offices or access tandem switches.

SS7 will be furnished only where facilities are available. Service is offered on a limited basis at suitably equipped end office switches. Since this service is not offered in all areas, it is important to verify its availability by contacting your Company Account Representative.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

u. Calling Party Number (CPN) Parameter \*

The CPN parameter, available as a non-chargeable option for originating FGD or BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for originating calls. The ten digit number consists of the NPA plus the seven digit telephone number which may or may not be the same number as the calling station's charge number. The CPN parameter also includes a "privacy indicator" which allows the ten digit telephone number to be coded as presented or restricted for delivery to the called end user.

v. Carrier Selection Parameter (CSP)

The CSP, available as a non-chargeable option for originating FGD or originating BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not a given call originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 10XXX or 101XXXX.

w. Charge Number (CN) Parameter

The CN parameter, available as a non-chargeable option for originating FGD with SS7 Out of Band Signaling, is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGD with MF signaling. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order the CN parameter at the rates for ANI-BSE. The CN parameter provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information.

\* CPN will not be activated until Calling Number Identification is available from Schedule Cal. P.U.C No. A-40.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

6. End Office Services Optional Arrangements - Continued

x. FGD and BSA-D Switched Access with 950-XXXX Access

FGD and BSA-D Switched Access with 950-XXXX Access is an optional arrangement that provides for the routing of originating calls using a customer's 950-XXXX access code(s) to the customer over the customer's FGD or BSA-D trunks. All such calls will be rated as FGD switched access calls.

This optional arrangement, available where technically feasible in equal access end offices, uses FGD or BSA-D signaling protocols and technical specifications. The 950-XXXX traffic can be routed over FGD or BSA-D trunks combined with the customer's standard FGD or BSA-D traffic directly to the CDL or through the Utility's access tandem to the CDL. The customer must be able to differentiate standard FGD or BSA-D calls from 950-XXXX calls delivered over the same FGD or BSA-D trunks. FGD or BSA-D Switched Access with 950-XXXX Access is not available with certain Utility access tandem switches when the signaling from an end office to the Utility's access tandem is multifrequency address signaling and the signaling from the Utility's access tandem to the CDL is SS7 Out of Band signaling. The customer may not have originating FGD or BSA-D switched access with 950-XXXX access and originating FGB or BSA-B switched access in the same end office utilizing the same 950-XXXX Customer Identification Code.

y. Carrier Identification Parameter (CIP)

Carrier Identification Parameter is available as an optional feature in conjunction with originating FGD with SS7 Out of Band Signaling. CIP provides for the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to the customer with the Initial Address Message (IAM). CIP is available with originating FGD in suitably equipped end offices and access tandems. CIP will be populated by a 4-digit CIC at the rates shown in II.RATES.N.

The Utility will make every effort to maintain the CIP information, equipment and facilities in a format which facilitates the customer's use of the CIP offering. Changes (i.e., technology, customer account makeup, etc.) can occur affecting such information, however, and the Utility cannot guarantee that the CIP equipment and facilities will be completely capable of processing CIP data at all times. Accordingly, the Utility shall not be liable for any incidental, indirect, special or consequential damages (including lost revenue or profits) of any kind, resulting from inaccuracy of CIP data and/or the inability of its equipment and facilities to process CIP data.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

7. Tandem Access Sectorization (TAS)

a. Description

Tandem Access Sectorization (TAS) is available on Tandem-Switched Transport facilities to FGD customers with originating traffic routed through an appropriately equipped equal access tandem. TAS provides customers a method of directing FGD traffic, on the basis of all originating end offices in an exchange to a maximum of four (4) different CDLs via the equal access tandem. For purposes of Tandem Access Sectorization, a customer premises is an Interexchange carrier CDL.

b. Tandem Access Sectorization Regions

The Utility has subdivided the Equal Access Tandem serving area into geographical grouping regions (a maximum of 4) called Tandem Access Sectorization Regions (TASR) which are defined by the Utility. Each TASR is treated as a unit and cannot be subdivided.

The TASRs are the same for all customers who order TAS. A customer with multiple CDLs within a LATA can designate to which CDL all of the traffic from a specific TASR will be routed. In addition, all originating traffic from a different TASR may be routed to the same or different CDL, provided, however, that the Utility shall not be required to route traffic within a TASR to more than one CDL.

The following is a list of Tandem Access Sectorization Regions:

<u>Tandem</u>	<u>Exchange/Rate Area</u>	<u>Region</u>
Long Beach	Downey	1
	La Habra	1
	Pico Rivera	1
	Whittier	1
	Alamitos	2
	Lakewood	2
	Long Beach	2
	Norwalk	2
	Huntington Beach	3
	Westminster	3
	Laguna Beach	4

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

7. Tandem Access Sectorization (TAS)

b. Tandem Access Sectorization Regions - Continued

<u>Tandem</u>	<u>Exchange/Rate Area</u>	<u>Region</u>
Ontario	Azusa-Glendora	1
	Covina-Baldwin Park	1
	La Puente	1
	Monrovia	1
	San Gabriel Canyon	1
	Sierra Madre	1
	Chino	2
	Claremont-San Dimas	2
	Diamond Bar	2
	Etiwanda	2
	Ontario	2
	Pomona	2
	Upland	2
	Arrowhead	3
	Banning-Beaumont	3
	Crestline	3
	Redlands	3
	San Bernardino	3
	Elsinore	4
	Hemet	4
	Idyllwild	4
	Moreno	4
	Murrieta	4
	Perris	4
	Sun City	4
	Temecula	4

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

7. Tandem Access Sectorization (TAS)

b. Tandem Access Sectorization Regions - Continued

<u>Tandem</u>	<u>Exchange/Rate Area</u>	<u>Region</u>	
Palm Springs	Homestead Valley	1	
	Joshua Tree	1	
	Morongo Valley	1	
	Twentynine Palms	1	
	Vucca Valley	1	
	Desert Hot Springs	2	
	Palm Desert	2	
	Palm Springs	2	
	Desert Center	3	
	Eagle Mountain	3	
	Indio	3	
	Pinyon	3	
	Salton	3	
	Santa Barbara	Carpinteria	1
		Gaviota	1
Santa Barbara		1	
Santa Ynez		1	
Guadalupe		2	
Lompoc		2	
Los Alamos		2	
Santa Maria		2	
Santa Monica	San Fernando	1	
	Sunland-Tujunga	1	
	Malibu	2	
	Santa Monica	2	
	Mar Vista D.A.	2	
	West Los Angeles	2	
	Redondo	3	

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

7. Tandem Access Sectorization (TAS)

b. Tandem Access Sectorization Regions - Continued

<u>Tandem</u>	<u>Exchange/Rate Area</u>	<u>Region</u>
Thousand Oaks	Thousand Oaks	1
	Oxnard	2
	Santa Paula	3

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued

8. Installation and Acceptance Testing of Switched Access

- a. The Switched Access provided under this tariff (a) will include any Utility installed equipment, entrance cable or drop wiring and wiring or cable within a building necessary to terminate the Switched Access at a point of termination reasonably situated so as to serve the point of presence, and (b) will be installed by the Utility to such a point of termination. Wiring to apparatus or facilities of the IC shall be furnished by the IC from such point of termination.
- b. At no additional charge, the Utility will, at the IC's request, cooperatively test at the time of installation, loss, three-tone slope, DC continuity and operational signaling, when applicable. When the Switched Transport provides a four-wire voice transmission interface and the network interface provides a two-wire voice transmission (i.e., there is a four-wire to two-wire conversion in the Switched Transport), balance (equal level echo path loss) may also be tested. Additionally, C-notched noise, impulse noise and C-Message noise tests will be provided when specifically requested.

Additional charges will apply when: (a) the customer requests a test not set forth above, or (b) the test requested is not essential to the installation of the particular Switched Access ordered.

If acceptance tests are not started within 30 minutes after the scheduled appointment time as negotiated between the IC and the Utility, additional charges will apply unless the delay is caused by the Utility.

9. Provision of Design Layout Report

The Utility will provide to the IC the make-up of the Switched Transport portion of the Switched Access provided under this tariff to enable the customer to design its overall service. This information will be reissued or updated whenever the make-up of the facilities provided to the IC are materially changed.

10. Network Management

The Utility will administer network to ensure the provision of standard traffic grades of service levels to all Utility telecommunications users of the Utility's network services. The Utility maintains the right to apply protective controls such as diversion of overflow traffic to Informational announcements or restriction of access to congested traffic areas on any traffic carried over its network in order to assure satisfactory levels to all customers. These controls include the right to restrict and, if necessary, deny access to and from the point of presence.

Outage credit will apply in cases where all transmission paths are blocked as a result of application of protective controls, except that to the extent that these controls relate to emergency situations, no notice requirement is necessary beyond that already provided for in this tariff.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued

11. Number of Transmission Paths

For FGA and FGB, which are ordered on a per line or per trunk basis, respectively, the customer specifies the number of transmission paths in the order for service.

The Utility will determine the number of transmission paths for the number of FGC Busy Hour Minutes of Capacity ordered. For FGD, the customer may order either BHMCs or a specified number of transmission paths. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3,000 Hz or a derived communication path of frequency bandwidth of approximately 300 to 3,000 Hz provided over a high capacity analog facility or a high speed digital facility between an IC, end user or Utility location and another IC, end user or Utility location. The number of transmission paths will be developed using the total Busy Hour Minutes of Capacity for the end offices for each type of Switched Access ordered from a point of presence. The total BHMCs for each specific end office will be converted to transmission paths using standard Utility traffic engineering methods.

12. Number of Interface Arrangements

The number of Interface Arrangements provided will be determined from the number of transmission paths required to meet the busy hour traffic capacity ordered and the type of Interface Arrangements ordered.

13. Number of End Office Switching Terminations

For analog end office switches, a termination will be provided for each transmission path provided. For digital end office switches, an equivalent termination will be provided for each transmission path provided.

14. Design and Routing

The Utility shall work cooperatively with the customer to design and determine the routing and directionality of Switched Access including the selection of facilities from the first point of switching to the CDL. Selection of facilities, equipment and routing of the Switched Access is based on standard engineering methods, facilities and equipment available, Utility traffic routing plans, and the customer's order for service.

15. Provision of Performance Data

Performance data for an IC's Switched Access will be made available to the IC, based on previously arranged intervals and format. This data may include, but is not limited to, equipment blockage and failure results, ineffective attempt performance, transmission failures, and other service-related data. If the data is to be provided in other than a paper format, the costs of such exchange will be determined on an individual case basis and must be borne by the IC. Performance data related to customer provided facilities will not be provided.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued

16. Transmission Performance

Each Switched Access transmission path is provided with a standard transmission performance. There are three different standard performances (i.e., Types A, B and C). The standard for a particular transmission path is dependent on the Interface Arrangement and whether the Switched Access is routed direct or via an access tandem. The available transmission performances are set forth in Frontier Operating Companies Tariff FCC No. 14. In addition, data transmission parameters may be ordered by the IC. Data transmission parameters are set forth in Frontier Operating Companies Tariff FCC No. 14 and are measured from the point of presence to the first point of switching. These are immediate action limits.

17. Design Blocking Probability

The Utility will design the facilities used in the provision of Switched Access services to meet the blocking probability criteria as follows.

- a. For FGA and FGB no design blocking criteria apply.
- b. for FGC the design blocking objective will be no greater than one percent (.01) between the interface at the point of presence and the first point of switching. Standard traffic engineering methods will be used by the Utility to determine the number of transmission paths required to achieve this level of blocking.
- c. For FGD and the design blocking objective will be no greater than one percent (.01) between the point of presence and the end office switch. Standard traffic engineering methods will be used by the Utility to determine the number of transmission paths required to achieve this level of Service Standards will be used by the Utility to determine the number of transmission paths required to achieve this level of blocking.
- d. The Utility will perform routine measurement functions on FGA and FGB, to assure that an adequate number of transmission paths are in service. The Utility will recommend that additional BHMCs be ordered by the IC when additional paths are required to reduce the measured blocking to the designed blocking level. For the BHMCs ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in tables set forth in Frontier Operating Companies Tariff FCC No. 14.

Continued



FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access- Continued

17. Design Blocking Probability - Continued

1. For FGB, FGC, BSA-B, and BSA-C transmission paths carrying traffic between a CDL and the first point of switching, or for FGD and BSA-D transmission paths carrying traffic direct between a CDL and an end office, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Daily Busiest Hour for the Number Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	5-6 Measurements
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

2. For FGD and BSA-D transmission paths carrying traffic between a CDL and an end office via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Daily Busiest Hour for the Number Measurements Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	5-6 Measurements
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.045	.055	.080
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

18. Special Facilities Routing

An IC may request that the facilities used to provide Switched Access be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., avoidance, diversity and cable-only) apply.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

19. Band Advance Arrangement

This arrangement is available for Special Access Lines used in conjunction with a Switching Interface. This option, which is provided in association with two or more groups, provides for the automatic overflow of terminating calls from a line group that has exceeded its call capacity, to another line group with equal or a greater number of bands than that of the overflowing line group. This arrangement does not provide for call overflow from a group with a higher designation to one with a lower band designation.

20. 800/877/888 Data Base Query Service

800/877/888 Data Base Query Service, offered with 800/877/888 Access Service, performs the 800/877/888 Customer Identification Function, as described in this section, to determine the customer to whom 800/877/888 calls must be routed. For all 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX calls originated by an end user, the Utility will perform the customer identification function using a Utility 800/877/888 Data Base to screen the dialed ten digits of the 800/877/888 call to determine the customer selected by the 800/877/888 subscriber to carry that 800/877/888 call. If the 800/877/888 call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an access tandem switch equipped to provide the customer identification function. Once customer identification has been established through 800/877/888 Data Base Query Service, the 800/877/888 call will be routed to the selected customer for completion.

Basic 800/877/888 Data Base Queries provide instructions to route 1+800, 1+877 or 1+888 calls on a simple turn around basis to one particular customer or to different customers based on the LATA in which the 800/877/888 call originates.

Premium 800/877/888 Data Base Queries provide instructions to route 1+800-NXX-XXXX, 1+877-NXX-XXXX or 1+888-NXX-XXXX calls to:

- a. Different customers based on time of day, day of week, or based on number of calls allocated by 800/877/888 subscriber selected percentages.
- b. Different terminating locations based on time of day, day of week, or based on the number of calls allocated by 800/877/888 subscriber selected percentages.
- c. Standard seven digit local exchange telephone numbers at the terminating end based on the 800/877/888 subscriber's specific requirements.

The 800/877/888 subscriber is responsible for arranging the entry of the various routing instructions discussed herein into the Number Administration Service Center's Service Management System.

Rate regulations and charges applicable to 800/877/888 Data Base Query Service appear in this section.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

21. 800/877/888 Customer Identification Function

This function utilizes 800/877/888 Data Base Query Service, as described in this section, to screen all ten digits of all 800-NXX-XXXX, 877-NXX-XXXX or 888-NXX-XXXX type calls generated by end users to determine the customer to which the 800/877/888 call is to be routed. This function is provided with 800/877/888 Access Service.

22. 900 Customer Identification Function

This function provides for screening of the first six digits of all 900-NXX-XXXX type calls which are generated by end users for the purposes of determining the IC to which the call is to be routed. This function is provided with 900 Access Service and with FGC and FGD.

23. 500 Customer Identification Function

This function provides for screening of the first six digits of all 500-NXX-XXXX type calls generated by end users to determine the customer to which the call is to be routed. This function is provided in conjunction with 500 SAC Access Service and with FGC and FGD.

24. Basic Service Elements

The following Basic Service Elements (BSEs) are chargeable unbundled service options available only with Basic Serving Arrangements. The Utility makes no guarantee that these BSE's will be available in all locations. Rate regulations and charges applicable to BSEs appear in the Switched Access RATES section.

a. Alternate Traffic Routing - BSE

This BSE provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) via a trunk group (the "high usage" group) to a CDL until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic from the same end office or access tandem) to a different trunk group or groups (via one or more intermediate high usage groups) to one or more CDLs until the originating traffic is directed to a final group. The customer shall specify the last trunk CCS desired for the high usage group and each intermediate group.

When a BSA-D customer subscribes to TAS (Tandem Access Sectorization) and Alternate Traffic Routing, the "final" trunk group and any intermediate trunk groups carrying additional originating overflowing traffic must terminate at the same CDL as does the "high usage" trunk group.

Alternate Traffic Routing - BSE is provided in suitably equipped end office or access tandem switches and is available with BSA-B, BSA-C, and BSA-D.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

24. Basic Service Elements - Continued

b. Automatic Number Identification (ANI) - BSE

This BSE provides the automatic transmission of seven or ten digit number and information digit to the CDL for calls originating in the Access Area to identify the calling station. The ANI arrangement will be associated with all individual transmission paths in a trunk group when this arrangement is provided.

These information digits shall only be used for billing and collection, routing, screening, and completion of the originating subscriber's call or transaction or for service directly related to the originating subscriber's call or transaction.

The ANI provided shall not be reused or resold without first notifying the originating telephone subscriber and obtaining affirmative consent of the subscriber for reuse or resale.

Unless the originating subscriber has given consent for the reuse or resale, any information provided shall not be used for any purpose other than:

- performing the services or transactions that are subject of the originating subscriber's call;
- ensuring network performance security, and the effectiveness of call delivery;
- compiling, using and disclosing aggregate information; and,
- complying with applicable laws.

The above restrictions shall not prevent the subscriber to the ANI Arrangement from using information acquired from an ANI Arrangement, such as the telephone number or information derived from analysis of the characteristics of calls received through the ANI Arrangement, to offer a product or service that is directly related to the products or services previously purchased by a customer of the ANI Arrangement subscriber.

The seven digit ANI telephone number is available with BSA-B and BSA-C. It will be transmitted on all calls except those identified as a multiparty line or ANI failure. The ten digit ANI telephone number is only available with BSA-D. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order an ANI equivalent by ordering the Charge Number Parameter at the rates for ANI-BSE. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as a multiparty line or ANI failure in which case only the NPA will be transmitted (in addition to the information digit described below). The ANI telephone number is the listed telephone number of the end user that originates the call.

With BSA-C, ANI is provided from end offices at which the Utility recording for end user billing is not provided, or where it is not required, as with 800/877/888 Service. It is not provided from end offices for which the Utility needs to forward ANI to its recording equipment.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

24. Basic Service Elements - Continued

b. Automatic Number Identification (ANI) – BSE - Continued

Where ANI cannot be provided (e.g., on calls from 2, in some instances, 4, and 8 party services) information digits will be provided to the customer. The information digits are used in the following situations:

1. Telephone number is the station billing number - no special treatment is required.
2. Multiparty line telephone number is a 2, in some instances, 4, or 8 party line and cannot be identified - number must be obtained via an operator in some other manner.
3. ANI failure has occurred in the end office switch which prevents identification of calling telephone number - number must be obtained by operator or in some other manner.
4. The configuration of the line requires special screening or handling by the customer, or
5. Call is an Automatic Identified Outward Dialed (AIOD) call from end user terminal equipment.

These ANI information digits are available with BSA-B, BSA-C, and BSA-D only. In addition the following information digits are available with BSA-D only:

- (a) InterLATA Area restricted - telephone number is identified line.
- (b) InterLATA Area restricted - line requires special screen or handling by the customer.

These information digits will be transmitted as agreed to by the customer and the Utility.

c. User Transfer

This option, available with BSA-A, provides the ability to temporarily hold an established call, originate another call to a third party, and then redirect the first call to the third party. When a call has been transferred, the original line is cleared to place or receive another call.

d. Hunt Group Arrangement - BSE

This BSE, available only with BSA-A, provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This BSE contemplates one access code (i.e., telephone number) per arrangement. This BSE also provides the ability to sequentially access one of two or more lines in the terminating direction, when the hunting number of the line group is forwarded from the customer to the Utility.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

24. Basic Service Elements - Continued

e. Queuing - BSE

This BSE is available only with BSA-A in conjunction with the Uniform Call Distribution (UCD) BSE and may only be provided in Utility electronic end offices.

When all terminals in a UCD Arrangement are busy, queuing allows for an incoming call to be placed in queue to await an available terminal in the UCD arrangement. When a call is placed in queue, audible ringing is returned to the customer and no further indication is sent until a terminal completes the call. The call that has been in queue the longest will be the first call handled when a terminal becomes available. The maximum number of calls that can be placed in queue is dependent upon the total number of lines in the multiline hunt group. If the incoming call cannot be placed in queue, the calling party will receive a busy tone.

f. Uniform Call Distribution - BSE

This BSE provides a type of multiline hunting arrangement which evenly distributes calls among the available lines in a hunt group. Where available, this arrangement is provided with originating use for BSA-A and terminating use for Special Access Lines.

g. Simplified Message Desk Interface (SMDI)

This option provides call-related information for calls utilizing a BSE hunt group arrangement. SMDI provides the capability for delivering the called number, the calling number, and a call forwarding indicator (i.e., call forwarding busy, call forwarding don't answer, or direct call). This information is transmitted to the CDL utilizing a DNAL. In addition, where customer equipment exists, SMDI will allow a customer to activate message waiting indicator to the called number. The message waiting indicator includes Message Waiting Indication - Audible or message Waiting Indication - Audible Ring Burst.

h. Caller Identification - Number (ICLID) - BSE

This BSE provides the customer with the calling party's directory number at the time the call is received. The calling number is transmitted to the customer during the first silent interval of the ringing cycle. The number is displayed on customer-provided equipment.

Where available, this arrangement is provided as a non-chargeable option with originating BSA-D.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

B. Description of Switched Access - Continued

24. Basic Service Elements - Continued

i. Remote Call Forwarding - BSE

Remote Call Forwarding (RCF) is a service that utilizes a seven digit Directory Number (DN) to automatically forward all incoming calls to another DN. The forwarded to number can be in the same central office switch or in another central office switch.

he remote call forwarding directory number is not directly associated with an access connection arrangement, but rather is a software translation programmed within the central office switch. All calls dialed to that directory number will forward to another number automatically. The subscriber to this capability does not have a station set for termination of calls made to their remote call forwarding number. Where available, this arrangement is provided with BSA-A.

j. Direct Inward Dialing (DID) - BSE

This BSE provides a two or four wire DID trunk side termination with line treatment at the first point of switching that permits the Dial Tone Central Office Switch to deliver all or part of the called number to the customer premises at the time the call is established. Multifrequency (MF), Dual Tone Multifrequency (DTMF) or Dial Pulse address signaling is used by the Utility to deliver only the called telephone number to the customer premises. No other address signaling will be delivered to the customer premises. The type of signaling utilized depends on the Dial Tone Office switching equipment available. If additional address signaling is required by the customer, it must be provided by the customer's end user using inband tone address signals which will not be regenerated by the Utility and will be subject to the ordinary transmission capabilities of the Switching Transport provided.

This BSE is only available with new BSA-A arrangements and only in the originating direction. The customer must order a DID Termination and the first group of 20 DID numbers to be associated with the DID Termination in addition to BSA-A service. Additional groups of 20 DID telephone numbers are available. The DID optional feature is only available as a standalone BSE or optional feature, no other BSEs or optional features can be used in conjunction with it.

k. Billing Number Screening (BNS) - BSE

This BSE prevents the billing of incoming collect and third number billed calls to a customer's telephone account. Where available, this arrangement is provided with BSA-A.

l. Digital Channel Service (CLDCS) - BSE

This BSE provides a digital common line connection between the CDL and the local serving wire center. The digital transmission rate available is either DS1 (1.544 Mbps) or DS3 (44.736 Mbps).

Digital Channel Service will be used by the customer to aggregate the customer's telecommunication services onto a digital local loop. This arrangement is provided on an Individual Case Basis (ICB) with BSA-D.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

C. Obligations of the Customer

1. On and Off-Hook Supervision

The customer facilities shall provide the necessary on and off-hook supervision.

2. Order Requirements

The customer shall order all Switched Access in accordance with the Ordering Options for FIA.

Switched Access capacity is measured at the Utility's first point of switching. ASRs for Entrance Facilities and Direct-Trunked Transport must specify the customer designated premises, type of service (e.g., Voice Grade, DS1 or DS3), the channel interface, and any options desired. In addition, ASRs for Direct-Trunked Transport must specify any Hubs involved and the end office, when direct routing to an end office is desired, or the access tandem if direct routing to an access tandem switch for purposes of obtaining Tandem-Switched Transport is desired.

ASRs for Direct-Trunked Transport must also specify the Feature Group, number of lines, trunks, at the end office or tandem, major traffic types and directionality. Ordered quantities shall be specified by originating and terminating direction and by traffic type (e.g., MTS/MTS-type or WATS/WATS-type). Where the customer desires to segregate its originating traffic into separate trunk groups by type of traffic, the customer must specify the ordered quantities by trunk group and by traffic type. For example, if a customer desires a separate trunk group to carry its 500, 800, 877, 888 or 900 traffic, the order must specify the trunks or BHMCs associated with 500, 800, 877, 888 or 900 traffic for that trunk group.

Customers may order Tandem-Switched Transport by specifying the number of trunks required between the CDL and access tandem switch or BHMCs between the CDL and the end office. The customer shall provide, when it orders BHMC, its projected interstate BHMC between the CDL and each end office in the Access Area by traffic type.

The customer shall provide, when it orders lines or trunks, its projected interstate traffic distribution by percent for each end office in the Access Area by traffic type. If the customer fails to provide its traffic distribution the Utility will use appropriate Utility traffic studies to project distribution by end office.

When FGA is ordered the customer shall specify whether or not the terminating traffic is to be restricted to the Access Area, or extended beyond the Access Area (i.e., local calling area). If the customer wishes to restrict the traffic, rates may apply, depending upon the optional arrangement selected.

When a customer orders Switched Access for mixed interstate and intrastate usage, the customer shall provide an estimate of the total usage which will be interstate by traffic type.

The customer allocated percentages will be used as a basis of the jurisdictional determination for billing purposes of all charges until a more accurate determination can be provided.

Continued



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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations

1. Rate Elements

- a. For the purposes of determining the rates and charges for Switched Access, including SAC Access Service, the following rate elements may apply:

- (1) Entrance Facility
- (2) Direct-Trunked Transport
- (3) Tandem-Switched Transport
- (4) Multiplexing
- (5) End Office Switching
- (6) Composite Terminating End Office Charge
- (7) 800/877/888 Data Base Query
- (8) Switched Cross Connect Charge
- (9) Dedicated Trunk Port
- (10) Shared Trunk Port
- (11) Transitional Intrastate Access Charge

FGB, FGC, FGD and SAC Access Service are also subject to the Network Blocking charge per call described in this section.

2. Types of Rates and Charges

Switched Transport rates will be applied based on the Zone Density Rate Plan.

The following types of rates and charges apply to Switched Access.

a. Usage Rated

Usage rates are rates applied on a per Access Minute basis, or they are applied on a per query basis either as basic or premium.

End Office Switching, Tandem-Switched Transport - Facility, Tandem-Switched Transport - Termination, Tandem Switching, Shared Trunk Port, Composite Terminating End Office Charge and Transitional Intrastate Access Charge rate elements are usage rated.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

2. Types of Rates and Charges - Continued

b. Flat Rated

Flat rates apply, on a per month basis, regardless of the amount of rate element usage. Flat rates may be either distance-sensitive or nondistance-sensitive.

Direct-Trunked Transport is flat-rated and, with the exception of Voiceband Transport, is both distance and non-distance-sensitive. Voiceband Transport is distance-sensitive only.

The Entrance Facility is flat-rated and may be either distance or nondistance-sensitive.

Multiplexing is a flat-rated element.

Dedicated Multiplexing, the Cross Connect charge, and Dedicated Trunk Port charge are all flat-rated elements.

c. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity in conjunction with providing Switched Access Service or a change to an existing Switched Access Arrangement.

(1) Switched Access Installation and Ordering Charges

(a) Service Installation Charge

For Entrance Facilities this charge applies to customer requests for installation of Switched Access Entrance Facilities from the CDL to the serving wire center. The Service Installation Charge applies on a per Entrance Facility basis and is dependent upon the type of Entrance Facility ordered (i.e., Voiceband, DS1 or DS3). In addition, for DS1 Entrance Facilities, a separate nonrecurring charge applies for the first DS1 Entrance Facility ordered and each additional DS1 Entrance Facility between the same CDL and serving wire center. The "First System" charge is assessed per entrance facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR, to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply. Changes in the type of Entrance Facility will be treated as a discontinuance of one type of service and a start of another. The Service Installation charge shall apply to the new Entrance Facility installation.

For multiplexing, this charge applies per multiplexing arrangement ordered and is dependent upon the type of multiplexing performed.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

2. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(1) Switched Access Installation and Ordering Charges - Continued

(b) Switched Access Ordering Charge

This charge, applied on a per ASR basis, is associated with the work performed by the Utility in connection with the receiving, recording and processing of service requests. The Switched Access Ordering charge applies to all requests to establish Entrance Facilities, Direct-Trunked Transport Facilities, and Tandem-Switched Transport Facilities. Where Entrance Facilities and Direct-Trunked and/or Tandem-Switched Transport are ordered on a single ASR, only one Switched Access Ordering Charge applies. This charge is in addition to any Service Installation Charge for Entrance Facility installations.

The Switched Access Ordering Charge also applies to requests to activate additional trunks or to increase BHMC on existing Switched Transport Facilities and, changes in the type of Feature Group or Direct-Trunked Transport, for any modifications or changes to existing services that are not considered an administrative change.

Changes in name or ownership or transfer of responsibility from one customer to another requires the discontinuance of service and the start of a new service when an interruption or relocation of service is involved.

The Switched Access Ordering Charge and Service Installation Charge, if appropriate, and any appropriate Minimum Period Charges will apply per service change.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

2. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(1) Switched Access Installation and Ordering Charges - Continued

(c) Administrative changes will be made without charge to the customer.  
Administrative changes are as follows:

- Change in name or ownership or transfer of responsibility from one customer to another, provided there is no interruption of use or relocation of Switched Access service,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,
- Change in billing data (name, address or contact name or telephone number),
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer testline number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of agency authorization.

If a change is required in conjunction with the provision of 800 Access Service and involves rearrangement of the customer's service from direct routed to tandem routed due to Utility location of the 800 customer identification function at the access tandem, no charge shall apply.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

2. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(2) Design Change Charge

A design change is any change to a pending ASR or a change to an existing service which requires engineering review. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Interface Arrangements.

Design changes do not include a change of Switched Access Interface Arrangement or facility type, Customer Designated Location, end user premises, end office switch, or Feature Group type. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

The Utility will review the requested change, notify the customer whether the change can be accommodated and if a new service date is required. If the customer authorizes the Utility to proceed with the design change, a Design Change Charge will apply.

The Design Change Charge for Switched Access Service, as set forth following, will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Access Installation or Ordering charges associated with the change requested.

If a change of service date is required, the Service Date Change Charge as set forth in Ordering Options for FIA will apply.

3. Switched Data Service

The charge set forth in the RATES section for FGD applies per access minute originating to or terminating from a FGD trunk group equipped for Switched Data service.

4. Change of Switched Access Type

Changes from one type of Switched Access to another will be treated as a discontinuance of one type of FIA and start of another. The Switched Access Installation and Ordering Charges will apply, with the following exception. When a customer upgrades a FGA, FGB, or FGC to a FGD at the same first point of switching, the charge will not apply. If however, optional features are added to the service at the time the conversion takes place, the Ordering Charge for these additions will apply.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

5. Moves

A move involves a change in the physical location of the point of termination of Switched Access. The charge for the move depends on whether the move is within the same CDL or to a different CDL.

a. Same CDL

When the move is to a new point within the same CDL, the Switched Access Ordering Charge will apply. There will be no change in the minimum period requirements.

b. A Different CDL

When the move is to a different CDL or to an EIS as described in Section XVII, it will be treated as a disconnect and an installation of Switched Access. The Switched Access Installation and Ordering charges will apply to the Switched Access installed at the CDL. A new minimum period will also be established for the installed Switched Access. The customer will remain responsible for all remaining minimum period charges associated with the disconnected Switched Access.

6. Signaling System 7 (SS7) Out of Band Signaling

a. Switched Access Ordering Charges will apply for a change in FGD switched access and 800/877/888 Access signaling from multifrequency address signaling to SS7 Out of Band Signaling.

b. Switched access ordering charges will not apply if CPN Parameter, CSP Parameter and/or CN Parameter are ordered at the same time as SS7 Out of Band Signaling is ordered in conjunction with FGD. The Switched and Ordering Charge will apply if these optional features are ordered subsequent to the provision of SS7 Out of Band Signaling.

7. 800/877/888 Data Base Query Service

Query usage charges for 800/877/888 Data Base Query Service shown in RATES apply as follows:

a. A Basic 800/877/888 Data Base Query charge will apply for each basic 800, 877 or 888 call query received at the Utility's 800/877/888 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis.

b. A Premium 800/877/888 Data Base Query charge will apply for each premium 800, 877 or 888 call query received at the Utility's 800/877/888 data base. Per query charges are accumulated over a monthly period and billed to the customer on a monthly basis.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

8. Network Blocking Charge for Tandem Switched FGB, FGC, FGD and SAC Access Service

The customer will be notified by the Utility to increase its Busy Hour Minutes of Capacity when excessive trunk group blocking occurs on groups carrying FG-D traffic and the measured Access Minutes for the busy hour exceed that purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on daily busiest hourly measurements over a 30-day period excluding Saturdays, Sundays and national holidays. The Utility will not bill the IC a Network Blocking Charge if additional capacity is available and the order for additional capacity is received by the Utility within 15 days of the notification. The Utility will bill the IC a Network Blocking Charge if additional capacity is unavailable for the period beginning 15 days after the notification date until the in-service date for additional capacity for each overflow in excess of the blocking threshold when (a) the average "30 day period" overflow exceeds the threshold level for any particular hour and (b) the "30 day period" measured average originating on two-way usage for the daily busiest hour exceeds the Switched Access capacity purchased.

Blocking Thresholds

<u>Trunks In Service</u>	<u>1%</u>
1-2	.070
3-4	.050
5-6	.040
7-336	.030
337-504	.025
505 or more	.020

The one percent blocking threshold is for FGB, FGC and SAC Access Service transmission paths carrying traffic between a CDL and the first point of switching, or FGD transmission paths carrying traffic direct between a CDL and an end office.

9. Intrastate Charges for Mixed Interstate and Intrastate

When mixed interstate and intrastate Switched Access Service is provided, all charges will be prorated based on the jurisdictional distribution of access minutes. The portion of a Switched Access Service to be charged as interstate is determined in the following manner:

For usage rated elements, multiply the percent interstate use times the total usage, either measured or assumed, rounded to whole access minutes times the appropriate tariff rate element.

For monthly and nonrecurring rate elements, multiply the percent interstate use times the quantity of each chargeable element times the stated tariff rate per element.

The jurisdiction of the Switched Access Cross Connect element will be determined in the same manner as the jurisdiction is determined for Special Access Services as described in Section VI.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

10. Calls To Information Providers  
(to (900)XXX-XXXX and 976-XXXX telephone numbers)

ICs will be billed access charges for information calls transmitted over Switched Access facilities to information providers.

The provision for blocking Intrastate (900) XXX-XXXX and Intrastate 976-XXXX calls are provided in the Product Guide.

11. Local Directory Assistance

Calls over Switched Access in the terminating direction dialed to local directory assistance (411 and 555-1212 numbers) will be rated under the applicable rates as set forth in the RATES section. In addition, the charge per call to Directory Assistance set forth in Utility exchange tariffs may also apply.

12. 500 NXX Translation Nonrecurring Charge

The 500 NXX Translation Nonrecurring Charge, as set forth in II.L, shall apply to each 500 NXX code activated or deactivated in the Utility switch capable of performing the customer identification function for 500 SAC Access Service. The total nonrecurring charge per customer order shall be determined by multiplying the number of switches in which the Utility must activate or deactivate the NXX code within the serving area specified by the customer's order times the appropriate nonrecurring charge. Separate nonrecurring charges apply to the activation or deactivation of the first NXX code contained on the customer's ASR and to the activation or deactivation of each additional NXX code contained on the same ASR. In addition, the Switched Access Ordering Charge, as set forth in II.A will apply per ASR submitted for the activation or deactivation of NXX codes.

13. Application of Rates

a. Dedicated Trunk Port Charge

The Dedicated Trunk Port charge shall apply for termination of a dedicated trunk at the access tandem or an end office. It is flat-rated and is assessed per voice grade or DS1 channel terminating at an end office or access tandem.

b. Switched Transport

The Utility will apply Tandem-Switched Transport rates to all existing tandem-routed switched access services provided via a Utility access tandem switch and Entrance Facility and Direct-Trunked Transport charges to all existing DS1 and DS3 Entrance Facility circuits and Direct-Trunked Transport circuits provided to a customer. Existing Voiceband Entrance Facility and Direct-Trunked Transport circuits will be billed at Voiceband, DS1 or DS3 level, as appropriate, based on the number of equivalent DS1 or DS3 circuits.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

13. Application of Rates - Continued

b. Switched Transport - Continued

The Utility will apply Tandem-Switched Transport rates to all existing tandem-routed switched access services provided via a Utility access tandem switch and Entrance Facility and Direct-Trunked Transport charges to all existing DS1 and DS3 Entrance Facility circuits and Direct-Trunked Transport circuits provided to a customer. Existing Voiceband Entrance Facility and Direct-Trunked Transport circuits will be billed at Voiceband, DS1 or DS3 level, as appropriate, based on the number of equivalent DS1 or DS3 circuits.

Switched Transport is determined as follows:

- (1) The Tandem-Switched Transport - Facility rate is applied per access minute per airline mile for each Switched Access Feature Group type. Tandem-Switched Transport - Facility airline mileage will be determined as follows:

Tandem Switched Transport mileage will be measured from the access tandem to the end office or host office.

When the end office is acting as a host office, a separate mileage calculation determines the mileage from the host office to the remote office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges. The Tandem Switching charge does not apply to traffic between a host and remote office.

The V&H coordinate method is used to determine the actual mileage as set forth in NECA, Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

Switched Transport rates apply to the switched access minutes of use that originate/terminate at a MTSO directly connected to a Utility access tandem or end office. Where the connection is made directly to an end office, Switched Transport rates (Tandem-Switched Transport or Direct-Trunked Transport, as ordered by the customer) shall apply between the end office and the serving wire center of the customer. Where the connection is made directly to an access tandem, Switched Transport rates (Tandem-Switched Transport or Direct-Trunked Transport, as ordered by the customer) shall apply between the access tandem and the serving wire center of the customer. For access tandem connections, Tandem-Switched Transport - Facility mileage, if applicable, will be measured from the access tandem to the customer's serving wire center. The Tandem Switching charge shall apply to all minutes of use where the MTSO connection is made directly to an access tandem.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

13. Application of Rates - Continued

b. Switched Transport - Continued

Where Tandem-Switched Transport - Facility is provided by more than one utility, the mileage for each will be determined as in FIA Services Provided by More Than One Utility.

- (1) The Tandem-Switched Transport - Termination rate applies per access minute for each termination (i.e., the first point of switching and the end office serving the end user) for all Switched Access Feature Group types. When both terminations are provided by the Utility, the Tandem-Switched Transport - Termination rate applies twice, including those situations when the terminations are co-located.

Where the Tandem-Switched Transport - Facility is provided by more than one utility, the Tandem-Switched Transport - Termination rate applies for the termination (i.e., the first point of switching or the end office serving the end user) at the Utility end of the Switched Transport. The Tandem-Switched Transport - Termination rate will not apply when the Utility is the intermediate provider of the Tandem-Switched Transport - Facility.

- (2) For FGA, the Entrance Facility charge shall apply between the CDL and the serving wire center of the CDL. If the serving wire center is not the dial tone office, Direct-Trunked Transport shall apply between the serving wire center and the dial tone office. Tandem-Switched transport (Facility and Termination) rates, excluding the Tandem Switching charge, shall apply between the dial tone office and the end office for FGA traffic that originates and/or terminates within the FGA Access Area. For FGA traffic that terminates beyond the FGA Access Area, Switched transport rates apply as described in Extended FGA Terminating Traffic.
- (3) The Direct-Trunked Transport rate is applied on a monthly airline mile and termination basis, except that Direct-Trunked Voiceband Transport is applied on a monthly airline mile basis only.

To determine the Direct-Trunked Transport airline mileage, the distance will be measured from the wire center that normally serves the CDL to the access tandem, end office, WSO (for WATS and WATs-type), or the end office that serves as the host for a remote office. The V&H coordinate method is used to determine the actual mileage as set forth in NECA Inc.'s Tariff FCC No. 4. If the calculated miles include a fraction, the value is rounded up to the next full mile.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

13. Application of Rates - Continued

b. Switched Transport - Continued

- (3) For traffic originating from or terminating to a remote office, the mileage will be calculated separately from the end office switch that serves as the host to the remote using the V&H coordinates method. The Direct-Trunked Transport Rate applies from the customer's serving wire center to the end office that serves as the host office. Traffic originating from and/or terminating to the remote will be billed Tandem-Switched Transport charges based on mileage between the host and remote office. The Tandem Switching Charge is not applicable for Tandem-Switched Transport between the end office that serves as the host to the remote office.

When Utility Hubs are involved, mileage is computed and rate applied separately for each section of the Direct-Trunked Transport, i.e., customer serving wire center to Hub, Hub to Hub, Hub to Tandem or Hub to end office. Where Direct-Trunked Transport includes termination rates, i.e., High Capacity DS1 and DS3 transport, one Termination rate applies for the termination of each end of the interoffice facility.

- (4) The Entrance Facility rate is a flat-rated charge assessed per Voiceband, DS1 or DS3 termination at the CDL and may be either distance-sensitive or nondistance-sensitive. This charge will apply even if the CDL and the serving wire center are co-located in a Utility building.

For DS1 Entrance Facilities, a "First System" charge is assessed per Entrance Facility for the first DS1 ordered. When the same customer requests additional DS1 service on the same ASR to be installed at the same time between the same CDL and serving wire center, the "Additional System" charge will apply.

- (5) The Tandem Switching rate is usage-sensitive and is applied per access minute to all feature groups for Tandem-Switched Transport with two exceptions. The Tandem-Switching Rate is not applicable for Tandem-Switched Transport between a host office and a remote office, nor is it applicable for FGA.
- (6) When the Alternate Traffic Routing optional arrangement is provided in conjunction with Feature Groups B and D and the end office or access tandem switch is unable to determine the specific trunk group carrying alternate routed traffic to multiple CDLs, switched transport access minutes will be apportioned among the number of trunk groups utilized to provide this optional arrangement. Such apportionment will occur through the application of Percent Traffic Routed (PTR) values provided by the customers on the ASR. The PTR value for each trunk group, the percentage of total traffic to be attributed to each trunk group, will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying alternate route traffic. The resulting percentage, or PTR value, for each trunk group will be multiplied times the total alternate routed traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for alternate routed originating traffic as described herein.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

13. Application of Rates - Continued

b. Switched Transport - Continued

- (7) When Feature Group B or D Switched Access service is terminated from multiple CDLs through an access tandem or is terminated from multiple CDLs directly to an end office and the end office or access tandem switch is unable to determine the specific trunk group carrying such terminating traffic, switched transport access minutes will be apportioned among the number of trunk groups carrying such terminating traffic. Such apportionment will occur through the application of PTR values provided by the customer on the ASR. The PTR value for each trunk group will be determined by dividing the BHMC for each trunk group by the total BHMC for all trunk groups carrying such terminating traffic.

The resulting PTR value for each trunk group will be multiplied times the total terminating traffic quantity to apportion usage to the individual trunk group. This apportionment will serve as the basis for the switched transport mileage calculation for traffic terminating from multiple CDLs as described herein.

The PTR values as described herein must be included on any ASR establishing or changing any Switched Access service arrangement requiring the use of PTRs. The notation of such PTR values on ASRs must indicate whether the PTR will be used to apportion alternate routed originating traffic to multiple CDLs or to apportion traffic terminating from multiple CDLs. The Utility may conduct verification audits, not to exceed one each year, for each customer, and for each location. Such audits may be conducted by independent auditors if the Utility and the customer, or the customer alone, is willing to pay the expense.

c. Shared Trunk Port Charge

The Shared Trunk Port provides for the termination of a Tandem-Switched Trunk at an end office. The Shared Trunk Port is usage rated and shall be assessed to all access minutes which utilize Tandem-Switched Transport. This includes minutes of use associated with FGA service when traffic is terminated in an end office that is not the dial tone office and on minutes of use provided at a remote office.

The Shared Trunk Port charge will not apply to access minutes that originate or terminate at the end office part of a Class 4/5 switch.

The Shared Trunk Port charge does not apply to switched access minutes of use that originate or terminate at MTSOs directly interconnected to a Telephone Company access tandem.

When the Tandem-Switched Transport is provided by more than one telephone company, the Shared Trunk Port charge shall be billed by the Telephone Company in whose territory the end office is located.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

13. Application of Rates – Continued

d. Composite Terminating End Office Charge

The Composite Terminating End Office Charge will apply to all terminating access minutes of use.

e. Transitional Intrastate Access Charge

A Transitional Per-Minute Charge will apply from July 1, 2012 through June 30, 2013 to all Transitional Intrastate Access Service end-office switching minutes, as defined in 47 C.F.R. 51.903(j). The charge will be calculated as set forth in 47 C.F.R. §51.907(b)(2)(v). The charge will be eliminated July 1, 2013.

14. Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Utility at the end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Utility to determine the basis for computing chargeable access minutes. For terminating calls over FG-A and FG-B, FG-C (to 800 and Directory Assistance Services) and FG-D, the measured access minutes are the chargeable access minutes. For originating calls over FG-A and FG-B, the chargeable access minutes are the measured access minutes.

For originating calls over FG-C, chargeable access minutes are derived from measured access minutes through the use of a Utility factor, as set forth in (3) following.

FG-A access minutes or fractions thereof, the exact value of the fraction being a function of the switched technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. FG-B, C, and D access minutes or fractions thereof, the exact value of the fraction being a function of the switched technology where the measurement is made, are accumulated over the billing period for each office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for FG-A FX/ONAL-type services which terminate in end offices not equipped with measurement capabilities.

The assumed access minutes used for service terminating in end offices where measurement capability is not available are as set forth in the NECA tariff FCC No. 14, paragraph 3.7(C).

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

14. Measuring Access Minutes - Continued

(1) Feature Group A Usage Measurement

For originating calls over FG-A, usage measurement begins when the FG-A first point of switching receives an off-hook supervisory signal forwarded from the IC's point of presence. (Where FG-A is used for LDMTS/WATS-type services, this off-hook signal is generally provided by the IC's equipment. Where FG-A is used for FX/ONAL-type services, the off-hook signal is generally forwarded by the IC's equipment when the called party answers.)

The measurement of originating call usage over FG-A ends when the FG-A first point of switching receives an on-hook supervisory signal from either the end office switch, indicating the originating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching.

For terminating calls over FG-A, usage measurement begins when the FG-A first point of switching receives an off-hook supervisory signal from the end office switch, indicating the terminating end user has answered. The measurement of terminating call usage over FG-A ends when the terminating FG-A first point of switching receives an on-hook supervisory signal from either the end office switch, indicating the terminating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching.

(2) Feature Group B Usage Measurement

For originating calls over FG-B, usage measurement begins when the FG-B first point of switching receives answer supervision forwarded from the IC's point of presence, indicating the IC's equipment has answered.

The measurement of originating call usage over FG-B ends when the FG-B first point of switching receives disconnect supervision from either the originating end office switch, indicating the originating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching.

For terminating calls over FG-B, usage measurement begins when the FG-B first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered.

The measurement of terminating call usage over FG-B ends when the FG-B first point of switching receives disconnect supervision from either the end office switch, indicating the terminating end user has disconnected, or at the IC's point of presence, whichever is recognized first by the first point of switching.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

14. Measuring Access Minutes - Continued

(3) Feature Group C Usage Measurement

For originating calls over FG-C, usage measurement begins when the originating FG-C first point of switching receives answer supervision from the IC's point of presence, indicating the called party has answered. However, for billing purposes, usage begins at the time that the originating end user's call is delivered by the Utility, and acknowledged as received by the customer's facilities connected with the originating exchange.

For originating calls over FG-C, measured access minutes are converted into chargeable access minutes using the following equation and factor:

Access Minutes = Originating conversation minutes + (factor x quantity of completed messages).

Factor = Non-conversation minutes per completed call + [(non-conversation minutes per incomplete call) x (1-completion ration divided by completion ration)].

The measurement of originating call usage over FG-C ends when the FG-C first point of switching receives disconnect supervision from either the end user's office switch, indicating the originating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching.

For terminating calls over FGC to services other than 800 six digit, 900 or Directory Assistance, terminating FGC usage is not directly measured at the first point of switching, but is imputed from originating usage, excluding usage from calls to six digit 800, 900 or Directory Assistance Services.

Terminating call usage over FGC, other than six digit 800, 900 or Directory Assistance, are imputed from originating usage as follow:

Access Minutes = Originating conversation minutes x In/Out Ratio.

In/Out Ratio = Relationship between Originating (Out) and Terminating (In) conversation minutes.

For terminating calls over FGC to six digit 800 Access or Directory Assistance Service, usage measurement begins the first point of switching receives answer supervision from the end office switch, indicating the terminating six digit 800 Service end user has answered, or from the Directory Assistance Service location, indicating the Directory Assistance operator has answered.

The measurement of terminating call usage over FGC to six digit 800 Service or Directory Assistance Services ends when the FGC first point of switching receives an on-hook supervisory signal from the end office switch, indicating the terminating six digit 800 Service has disconnected, or from the Directory Assistance location, indicating the Directory Assistance operator has disconnected, or from the customer's point of presence, whichever occurs first.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

14. Measuring Access Minutes - Continued

(4) Feature Group D Usage Measurement

For originating calls over FGD with multifrequency (MF) signaling, usage measurement begins when the FGD first point of switching receives the first wink supervisory signal forwarded from the IC's point of presence.

For originating calls over FGD with SS7 Out of Band Signaling, usage measurement for direct trunks begins when the FGD first point of switching sends an Initial Address Message. Usage measurement for tandem trunks begins when the FGD first point of switching receives an Exit Message.

The measurement of originating call usage over FGD with MF signaling ends when the FGD first point of switching receives disconnect supervision from either the end office switch, indicating the originating end user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching.

The measurement of originating call usage over FGD with SS7 Out of Band Signaling ends when a Release Message is sent or received by the originating end user's end office, whichever occurs first.

For terminating calls over FGD with MF signaling, usage measurement begins when the FGD first point of switching receives answer supervision from the end office switch, indicating the terminating end user has answered.

For terminating calls over FGD with SS7 Out of Band Signaling, usage measurement begins when the terminating FGD first point of switching receives an Initial Address Message provided that an Answer Message is received by the first point of switching.

The measurement of terminating call usage over FGD ends when the FGD first point of switching receives disconnect supervision from either the end office switch, indicating the terminating user has disconnected, or the IC's point of presence, whichever is recognized first by the first point of switching.

The measurement of terminating call usage over FGD with SS7 Out of Band Signaling ends when the FGD first point of switching receives or sends a Release Message, whichever occurs first.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

15. Extended FGA Terminating Traffic

- a. For calls established on a 1+ or expanded seven digit measured calling basis, outside the specific FGA Access Area, however, inside the LATA, in conjunction with terminating FGA traffic to an end office equipped with Equal Access capabilities, the following rates apply:
- For each access minute, the rates per access minutes for End Office Switching, the Information Surcharge, and the Interconnection Charge apply.
  - For each access minute, the Tandem-Switched Transport Facility rate per access minute per airline mile and the Tandem-Switched Transport - Termination apply.

When the serving wire center of the CDL is the dial tone office, the Tandem-Switched Transport - Facility rate is applicable and mileage is measured from the serving wire center (i.e., the dial tone office) of the CDL to the end office.

When the serving wire center of the CDL is not the dial tone office, the Direct-Trunked Transport rate is applicable for mileage measured between the serving wire center of the CDL and the dial tone office. The Tandem-Switched Transport - Facility rate is applicable for mileage measured between the dial tone office and the end office. The Tandem Switching rate is not applicable for Extended FGA terminating traffic.

- b. When FGA terminating traffic is extended outside the LATA, as set forth under Description of End Office Services preceding, Switched Access rate elements will be billed to the FGA customer for the terminating interLATA access function provided via the FGA connection, and Switched Access rate elements, will be billed to the IC providing the interLATA service to the FGA customer for the originating interLATA access function.

16. Trunk Groups in Shared Access Machines

In shared-use machines where immediate service relief is required on access trunk groups which carry combined Utility and IC traffic (Intermarket Area and FGC), the Utility will proceed with corrective action as rapidly as possible. Once data becomes available and the Utility has determined that the service conditions was due in whole or in part to the growth of the IC traffic, the IC will be notified by the Utility to increase its BHMCs. If the order for additional capacity has not been received by the Utility within 15 days of the notification, the Utility will increase the IC's BHMCs and bill the IC at applicable rates as set forth in the RATES section. \*

\* For rating purposes, BHMCs will be converted to a line/trunk equivalency.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

17. FGD Switched Access Service With 950-XXXX

When a customer orders FGD Switched Access Service with 950-XXXX Access, as described in II.B.5(q), to be included with the installation of new FGD switched access facilities, appropriate Switched Access Installation Charges and Switched Access Ordering Charges will apply for the installation of the new FGD switched access facilities. When a customer orders FGD Switched Access Service with 950-XXXX Access to be added to an existing FGD switched access service, only the Switched Access Ordering charge and the Design Change Charge will apply for the addition of this optional end office service arrangement.

18. Switched Access Cross Connect

The Switched Access Cross Connect charge provides the communications path between Utility provided Switched Access Services and a customer's transmission equipment and facilities where the customer is provided EIS as defined in Section XI. The DS0 cross connect arrangement may connect directly to a Utility provided Switched Access Videoband Direct Trunked Transport. The DS1 Cross Connect arrangement may connect directly to Utility provided Switched Access Services at a DS1 interface, to DS1 Direct Trunked Transport, or to a Utility provided DS1 multiplexing arrangement. The DS3 Cross Connect arrangement may connect directly to DS3 Direct Trunked Transport or a Utility provided DS3 to DS1 multiplexing arrangement. When a DS3 Direct Trunked Transport or Cross Connect arrangement is requested for connection to Switched Access Services, a DS3/DS1 multiplexing arrangement is required. The Cross Connect charge applies per DS1 or DS3 connection. Rates for DS1 and DS3 Cross Connect arrangements are listed in II.RATES.G.

19. Switched Access Zone Density Rate Plan

A. Description of the Plan

- (1) The Zone Density Rate Plan is a methodology used for rating Switched Access Transport services. The Zone Density Plan assigns every Serving Wire Center (SWC) or Utility access tandem to one of three zones. The Serving Wire Center, CLLI Codes and zones are listed. Rate zone assignments are established based upon the traffic density of each wire center and are divided into three categories. Zone 1 SWCs have the highest density of services, Zone 2 SWCs have intermediate density of services and Zone 3 SWCs have the lowest density of services.

The Zone Density Rate Plan applies to the following Switched Access Services:

- Entrance Facility
- Direct-Trunked Transport Facility
- Direct-Trunked Transport Termination
- Tandem-Switched Transport Facility
- Tandem-Switched Transport Termination
- Tandem Switching
- DS1 to Voice Multiplexing Arrangement
- DS3 to DS1 Multiplexing Arrangement

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

19. Switched Access Zone Density Rate Plan - Continued

A. Description of the Plan - Continued

(1) - Continued

(a) The Entrance Facility is rated according to the zone of the serving wire center of the CDL.

(b) Distance Sensitive Transport

- When the distance is measured between wire centers within the same rate zone, the distance sensitive transport will be rated according to the zone of the serving wire center of the CDL and the end office.

- When the distance is measured between wire centers in two different zones, the distance sensitive transport will be rated at the higher zone rate.

(c) Transport Terminations will be rated according to the zone of the end office and the zone of the SWC of the CDL (or other rating point, e.g., Hub Wire Center). Each termination is separately rated based on the zone of the terminating location.

(d) Tandem Switching will be rated according to the zone of the Utility access tandem office.

(e) Multiplexing arrangements will be rated according to the zone of the Hub wire center.

(2) The Zone Density Rate Plan is not applicable to End Office Switching, Information Surcharge, and nonrecurring charges.

20. Basic Service Elements (BSEs)

Recurring rates and charges for Basic Service Elements (BSEs) are applied. The Switched Access Ordering Charge will not apply when a customer orders BSEs in conjunction with the establishment of a Basic Serving Arrangement (BSA) or the conversion of a feature group to a BSA. The Switched Access Ordering Charge will apply to changes to or additions of BSEs associated with an established BSA. The application of monthly recurring charges or usage rates to BSEs are as follows.

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

D. Rate and Charge Regulations - Continued

20. Basic Service Elements (BSEs) - Continued

A) Alternate Traffic Routing - BSE

Nonrecurring Charges apply per trunk group equipped.

B) Automatic Number Identification (ANI) - BSE

Usage rates apply per ANI attempt.

C) User Transfer

Monthly recurring charges apply per line or trunk arranged.

D) Hunt Group Arrangement - BSE

Monthly recurring charges apply per line equipped.

E) Queuing - BSE

Monthly recurring charges apply per group equipped.

F) Uniform Call Distribution - BSE

Monthly recurring charges apply per line equipped.

G) Simplified Message Desk Interface (SMDI) - BSE

Monthly recurring charges apply per DNAL.

H) Remote Call Forwarding - BSE

Monthly recurring charges apply per line.

I) Direct Inward Dialing (DID) - BSE

Monthly recurring charges apply.

J) Billed Number Screening (BNS) - BSE

Monthly recurring charges apply per line screened.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

E. Switched Access for Resale of Other IC Services

As ordered in CPUC Decision 87-08-048, all resellers are subject to access charges for FGA, FGB and FGD terminating access, and FGB and FGD originating access. For FGA originating access, the access charges will apply with the following exceptions. Certain small resellers will have two phases before all access charges would apply.

Resellers which are eligible for the 18 month transitional plan are those resellers who have FGA and, on an average, terminate less than 200,000 minutes per month of intrastate traffic over all their Feature Groups. This average is determined by using the bills during the time frame of January through May of 1986.

Customers entering the market anytime during the 18 month transitional period who meet the aforementioned criteria, will be subject to the rates that are in effect in accordance with the plan for the remainder of the Phase.

Phase I: December 1, 1987 through August 31, 1988

For a period of 9 months, qualifying customers will be charged all traffic sensitive rates. Carrier Common Line Charges (CCLC) will be waived for Originating FGA.

Phase II: September 1, 1988 through May 31, 1989

For the subsequent 9 month period, qualifying customers will be charged all traffic sensitive rates plus 50% of the CCLC for the Originating FGA traffic.

As of June 1, 1989 all FGA access rates will be applicable.

F. Application of Rates for FG-A Extension Service

FG-A is available with extensions (i.e., additional terminations of the service at different building(s) in the same or a different Market Area). FG-A extensions within the Market Areas are provided and charged for under the Utility's Exchange Service tariffs. Extensions in different Market Areas are provided and charged for as Special Access. The rate elements which apply are: Special Transport (from the extension bridging point to the IC serving wire center), and Special Access Lines. The appropriate monthly rates and nonrecurring charges are set forth in the Special Access section.

G. Switched Access Facilities for Interconnection with Software Defined Network Service Provided by an IC

As set forth in CPUC Decision 86-05-073 dated May 28, 1986, switched access facilities may be used for interconnection with software defined network service provided by an IC. In this case, the IC must advise the Utility of the Intended use of the switched access In order that the Utility may permit the delivery of incidental intraLATA traffic to the IC's location.

The IC must perform a jurisdictional analysis of the usage of SDN access lines, and must submit reports to the Utility on a monthly basis. These reports will be the basis from which the intrastate switched access charges will be determined. The Utility may audit the reported PIU and underlying records under the same conditions and rules set forth in CPUC Decision 85-06-115, dated June 12, 1985. The intrastate usage will be rated at the premium rates as set forth in this section under RATES.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup>

A. Switched Access Installation and Ordering Charges

NRC

- |    |  |           |
|----|--|-----------|
| 1. | Switched Access Ordering Charge, Per ASR     | \$ 100.00 |
| 2. | Design Change Charge, Per ASR/Per Occurrence | 39.79     |

B. Switched Transport

		<u>Originating</u> <u>Per Access Minute</u>	<u>Terminating</u> <u>End Office</u> <u>Per Access Minute</u>	<u>Terminating</u> <u>3<sup>rd</sup> Party</u> <u>Per Access Minute</u>	
		<u>Per Airline Mile</u>			
1.	Tandem-Switched Transport – Facility – Non Toll Free				(C)
	Zone 1	0.000002	0.00000000	0.00000200	
	Zone 2	0.000002	0.00000000	0.00000200	
	Zone 3	0.000002	0.00000000	0.00000200	
2.	Tandem-Switched Transport - Termination – Non Toll Free		<u>Per Access Minute</u>		(C)
	Zone 1	0.000000	0.000000	0.000000	
	Zone 2	0.000000	0.000000	0.000000	
	Zone 3	0.000000	0.000000	0.000000	
3.	Tandem Switching Rate – Non Toll Free		<u>Per Access Minute</u>		(C)
	Zone 1	0.00036210	0.00000000	0.00157400	
	Zone 2	0.00036210	0.00000000	0.00157400	
	Zone 3	0.00036210	0.00000000	0.00157400	
3.1	Joint Tandem Switched Transport Access Service – Toll Free				(N)
	Originating	\$.00100000			(N)
			<u>Monthly Charge</u>		
4.	Tandem Dedicated Trunk Port VG		For rates see FCC 14, Section 4		
5.	Tandem Dedicated Trunk Port DS1		For rates See FCC 14, Section 4		

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

B. Switched Transport - Continued

6.	Direct-Trunked Transport-Facility-Voiceband	Per Airline Mile, <u>Per Month</u>
	Zone 1	\$3.57
	Zone 2	3.57
	Zone 3	3.57
	Price Bands A, B, and C	3.57
7.	Direct-Trunked Transport-Facility-DS1	
	Zone 1	\$ 7.58
	Zone 2	7.65
	Zone 3	9.25
	Price Band A	8.34
	Price Band B	8.42
	Price Band C	10.18
	Direct-Trunked Transport-Termination-DS1	<u>Monthly Rate</u>
	Zone 1	\$23.00
	Zone 2	23.15
	Zone 3	28.00
	Price Band A	25.30
	Price Band B	25.47
	Price Band C	30.80

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

B. Switched Transport - Continued

8.	Direct-Trunked Transport-Facility-DS3	Per Airline Mile, <u>Per Month</u>
	Zone 1	\$12.75
	Zone 2	15.88
	Zone 3	18.76
	Price Band A	14.03
	Price Band B	17.47
	Price Band C	20.64
	Direct-Trunked Transport-Termination-DS3	<u>Monthly Rate</u>
	Zone 1	\$127.81
	Zone 2	161.00
	Zone 3	186.00
	Price Band A	140.59
	Price Band B	177.10
	Price Band C	204.60

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued



FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

B. Switched Transport - Continued

9.	Entrance Facility 2-Wire & 4-Wire Voiceband	<u>Per Entrance Facility</u>
	Service Installation Charge	\$200.00
	Entrance Facility-2-Wire Voiceband	<u>Monthly Rate</u>
	Zone 1	\$28.78
	Zone 2	28.78
	Zone 3	28.78
	Price Bands A, B, and C	28.78
	Entrance Facility-4-Wire Voiceband	
	Zone 1	\$46.06
	Zone 2	46.06
	Zone 3	46.06
	Price Bands A, B, and C	46.06
10.	Entrance Facility – DS1	
	Service Installation	\$450.00
	Entrance Facility - DS1	<u>Monthly Rate</u>
	Zone 1	\$200.00
	Zone 2	200.00
	Zone 3	225.00
	Price Bands A, B and C	225.00

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

B. Switched Transport - Continued

11. Entrance Facility - DS3	<u>Service Installation</u>
Electrical Interface	
Zone 1	\$1,000.00
Zone 2	1,000.00
Zone 3	1,000.00
Price Bands A, B and C	1,000.00
Optical Interface	
Zone 1	\$750.00
Zone 2	750.00
Zone 3	750.00
Price Bands A, B and C	750.00
Electrical Interface	<u>Monthly Rate</u>
Zone 1	\$1,149.94
Zone 2	1,250.00
Zone 3	1,500.00
Price Band A	1,265.00
Price Band B	1,375.00
Price Band C	1,650.00

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

B. Switched Transport - Continued

11.	Entrance Facility – DS3 - Continued	<u>Monthly Rate</u>
	Optical Interface	
	Zone 1	\$999.94
	Zone 2	999.94
	Zone 3	1,125.00
	Price Bands A, B and C	1,125.00
12.	Multiplexing	<u>Service Installation</u>
	DS1 to Voice	
	Zone 1	\$800.00
	Zone 2	800.00
	Zone 3	800.00
	Price Bands A, B and C	800.00
	DS3 to DS1	
	Zone 1	\$450.00
	Zone 2	450.00
	Zone 3	450.00
	Price Bands A, B and C	450.00

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

B. Switched Transport - Continued

12. Multiplexing - Continued	<u>Monthly Rate</u>
DS1 to Voice	
Zone 1	\$113.25
Zone 2	115.25
Zone 3	117.50
Price Bands A, B and C	168.00
DS3 to DS1	
Zone 1	\$128.95
Zone 2	162.30
Zone 3	194.00
Price Band A	171.00
Price Band B	198.40
Price Band C	235.20

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

C. <u>End Office Services</u>	<u>Originating Per Access Minute</u>	<u>Terminating Per Access Minute</u>	
1. End Office Switching – Bundled – Non Toll Free – Toll Free	.0132412 *	For rates see FCC 14, Section 4	(C) (N)
2. End Office Switching - Unbundled – Circuit Switched Line – Non Toll Free Switched Line – Toll Free	.0132412 *	For rates see FCC 14, Section 4	(C) (C) (N)
3. End Office Switching - Unbundled – Circuit Switched Trunk – Non Toll Free Switched Trunk – Toll Free	.0132412 *	For rates see FCC 14, Section 4	(C) (C) (N)
4. Shared Trunk Port Per MOU	For rates see FCC 14, Section 4	For rates see FCC 14, Section 4	
5. Composite Terminating End Office Charge - Per Terminating Minute of Use	For rates see FCC 14, Section 4	For rates see FCC 14, Section 4	
6. Alternate Routing - BSE		<u>Nonrecurring Charge</u>	
Per Trunk Group Equipped		\$76.07	
		<u>Per ANI Attempt</u>	
7. Automatic Number Identification (ANI) – BSE		\$.00016	
		<u>Monthly Rate</u>	
8. User Transfer - BSE Per Line/Trunk Arranged		\$1.75	
9. Hunt Group Arrangement – BSE Per Line Equipped		1.50	
10. Queuing – BSE Per Group Equipped		15.00	
11. Uniform Call Distribution – BSE Per Line Equipped		5.66	

\* See Frontier Telephone Companies Tariff FCC No. 14 for rates.

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

C. End Office Services - Continued

	<u>Monthly Rate</u>	
12. Simplified Message Desk Interface (SMDI) - BSE Per DNAL	\$246.39	
13. Remote Call Forwarding – BSE  Per Line	16.00	
14. Direct Inward Dialing (DID) – BSE  Per Block of 20 Per DID Term	66.00 24.05	
15. Bill # Screening  Per Line Screened	.37	
16. 800 Data Base Query  Basic and Premium 800 Data Base Query Charge  Per Query	\$ .0042480	(R)
17. Dedicated Trunk Port – VG		For rates see FCC 14, Section 4
18. Dedicated Trunk Port – DS1		For rates see FCC 14, Section 4
D. <u>Network Blocking Charge</u>	<u>Per Call</u>	
Applies to FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service	\$.03	

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

Rates<sup>1</sup> - Continued

E. <u>Public Access Line Service</u>	<u>NRC</u>	<u>Monthly Rate</u>
1. <u>Public Access Line, each</u>	Appropriate service Connection, move, and change charges as set forth in the Product Guide.	\$12.00*
2. <u>Speed Dialing Service #</u>		
a. Push button with logo, per button		5.00
b. Speed dial pad capability		1.00
F. <u>Measured Local Service Credit</u>	<u>Per Access Minute</u>	
MLS Credit	\$.00516685	
G. <u>Switched Access Cross Connect</u>		<u>Monthly Rate</u>
a. DS0		\$0.99
b. DS1		3.77
c. DS3		33.21

# Offered on a Central Office participation basis and subject to equipment availability.

\* Plus rates for an individual-line business service as set forth in Schedule Cal. P.U.C. No. A-1, in addition to applicable Interstate/Intrastate end user common access line charges.

NOTE: In addition to the rates for the Public Access Line, rates for FG-C/D are applicable for usage associated with the Public Access Line.

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

H.	<u>Tandem Access Sectorization</u>	<u>NRC</u>	
1.	<u>Initial Establishment</u>		
	Per Equal Access Tandem - Per Customer	\$858.55	
2.	<u>Change or Delete</u>		
	Per Equal Access Tandem - Per Customer	98.88	
I.	<u>Switched Data Service</u>	<u>Per Access Minute</u>	
1.	Rate per FGD trunk	Refer to rate for FGD service.	
J.	<u>Information Surcharge</u> – Non Toll Free and Toll Free	<u>Charges</u>	(C)
	Per Access Minute	\$ 0.00000000	
K.	<u>Blocking Per Access Minute</u>		
	Allocation of blocking costs #	0.020	
L.	<u>500 NXX Translation</u>	<u>NRC</u>	
1.	Initial NXX Per End Office	\$21.00	
2.	Subsequent NXX Per End Office (on the same ASR)	11.00	
M.	<u>Carrier Identification Parameter (CIP)</u>	<u>Nonrecurring Charges</u>	
	Per CIC, Per End Office Direct Trunk	\$80.00	
	Per CIC, Per Access Tandem Direct Trunk	1,120.00	
		<u>Monthly Recurring Charge</u>	
	Per Trunk	\$ 0.46	

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 1.

Continued



FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

N. Local Transport

	<u>Originating</u>	<u>Terminating</u>	<u>Terminating</u>	
	<u>Per Access Minute</u>	<u>End Office</u>	<u>3<sup>rd</sup> Party</u>	
		<u>Per Access Minute</u>	<u>Per Access Minute</u>	
		<u>Per Airline Mile</u>		
1. Tandem-Switched Transport – Facility – Non Toll Free				(C)
Zone 1	0.000002	0.00000000	0.00000200	
Zone 2	0.000002	0.00000000	0.00000200	
Zone 3	0.000002	0.00000000	0.00000200	
2. Tandem-Switched Transport - Termination – Non Toll Free		<u>Per Access Minute</u>		(C)
Zone 1	0.000000	0.000000	0.000000	
Zone 2	0.000000	0.000000	0.000000	
Zone 3	0.000000	0.000000	0.000000	
3. Tandem Switching Rate – Non Toll Free		<u>Per Access Minute</u>		(C)
Zone 1	0.00036210	0.00000000	0.00157400	
Zone 2	0.00036210	0.00000000	0.00157400	
Zone 3	0.00036210	0.00000000	0.00157400	
3.1 Joint Tandem Switched Transport Access Service – Toll Free				(N)
Originating	\$.00100000			(N)
		<u>Monthly Charge</u>		
4. Tandem Dedicated Trunk Port VG		For rates see FCC 13, Section 6		(C)
5. Tandem Dedicated Trunk Port DS1		For rates See FCC 13, Section 6		(C)
6. Direct-Trunked Transport-Voiceband			<u>Per Month</u>	
Per Mile			\$1.08	
Fixed			\$19.66	
7. Direct-Trunked Transport-DS1				(L)
Per Mile			\$11.76	
Fixed			\$38.36	(L)

L Material relocated to 1<sup>st</sup> Revised Sheet 173.

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

N. Local Transport - Continued

8.	Direct-Trunked Transport-DS3			(L)
	Per Mile		\$ 96.41	
	Fixed		\$824.40	(L)
		<u>Service Installation</u>	<u>Monthly Rate</u>	
9.	Entrance Facility-Voiceband			
	2-Wire	\$200.00	\$22.25	
	4-Wire	200.00	31.35	
10.	Entrance Facility – DS1	450.00	288.90	
11.	Entrance Facility - DS3	1,000.00	3,525.66	
12.	Multiplexing	<u>Service Installation</u>	<u>Monthly Rate</u>	
	DS1 to Voice	\$800.00	\$193.00	
	DS3 to DS1	450.00	318.96	
13.	Switched Access Ordering Charge, Per ASR	52.51		
14.	Operator Transfer Service-Per Call Transferred		0.35	

L. Material relocated from 1<sup>st</sup> Revised Sheet 172.

(N)

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

N. Local Transport - Continued

15. Non-chargeable Optional Features

a. Supervisory Signaling

E&M Type I Supervisory Signaling arrangement  
- Per Transmission Path\*

E&M Type II Supervisory Signaling arrangement  
- Per Transmission Path\*

E&M Type III Supervisory Signaling  
- Per Transmission Path\*\*

Tandem Supervisory Signaling  
- Per Transmission Path\*\*\*

b. Customer specification of the receive transmission level at the first point of switching within a range acceptable to the Utility  
- Per Transmission Path\*\*\*\*

c. Customer specification of Local Transport Termination Four-wire termination in lieu of two-wire termination  
- Per Transmission Path\*\*\*\*\*

\* Available with Interface Groups 1 and 2.

\*\* Available with Interface Groups 1 and 2 for FGC and FGD.

\*\*\* Available with Interface Group 2 for FGA.

\*\*\*\* Available with Interface Groups 2 through 10 for FGA and FGB.

\*\*\*\*\* Available with Feature Group B with Type B Transmission Specification.

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

O. End Office

1. Local Switching

	<u>Originating Per Access Minute</u>	<u>Terminating Per Access Minute</u>	
End Office Switching – Bundled – Non Toll Free – Toll Free	\$0.003150 *	For rates see Tariff FCC No. 13, Section 6	(C) (N)
End Office Switching - Unbundled – Circuit Switched Line – Non Toll Free – Toll Free	0.003150 *	For rates see Tariff FCC No. 13 Section 6	(C) (C) (N)
End Office Switching - Unbundled – Circuit Switched Trunk – Non Toll Free – Toll Free	0.003150 *	For rates see Tariff FCC No. 13 Section 6	(C) (C) (N)
Shared Trunk Port – Per MOU	For rates see Tariff FCC No. 13, Section 6	For rates see Tariff FCC No. 13 Section 6	(C) (C)
Composite Terminating End Office Charge - Per Terminating Minute of Use	For rates see Tariff FCC No. 13, Section 6	For rates see Tariff FCC No. 13 Section 6	(C) (C)
Call set-up, per originating call	\$0.014380		
Dedicated Trunk Port – VG	For rates see Tariff FCC No. 13, Section 6		(C)
Dedicated Trunk Port – DS1	For rates see Tariff FCC No. 13, Section 6		(C)
a. <u>Common Switching Optional Features</u>		<u>Nonrecurring Charges</u>	
Automatic Number Identification (available with FGD) - Per Transmission Path Group		\$0.00	
Up-to-7-Digit Outpulsing of Access Digits to IC (available with FGB) - Per Transmission Path Group		0.00	
Delay-Dial Start-Pulsing Signaling (available with FGC) - Per Transmission Path Group		0.00	
Immediate-Dial-Pulse Address Signaling (available with FGC) - Per Transmission Path Group		0.00	

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

\* See Frontier Telephone Companies Tariff FCC No. 13 for rates.

Continued (N)

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

O. End Office - Continued

1. Local Switching - Continued

a. Common Switching Optional Features - Continued

	<u>Nonrecurring Charges</u>
Dial-Pulse Address Signaling (available with FGC) - Per Transmission Path Group	\$0.00
Service Class Routing (available with FGC and FGD) - Per Transmission Path Group	0.00
Alternate Traffic Routing (available with FGB, FGC and FGD) - Per Transmission Path Group	0.00
Trunk Access Limitation Arrangement (available with FGC and FGD) - Per End Office	0.00
Call Gapping Arrangement (available with FGD) - Per End Office	0.00
International Carrier Option (available with FGD) - Per End Office and Access Tandem	0.00
Band Advance Arrangement for use with WATS Access Line Service (available with FGC and FGD) - Per Arrangement	0.00
End Office Customer Line Service Screening for use with WATS Access Line Service * (available with FGC and FGD) - Per Transmission Path	0.00

\* This feature is required for WATS Access Line Service.

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

O. End Office - Continued

1. Local Switching - Continued

b. Transport Termination Options

1. Line-Side Terminations (For FGA)

Two-Way Operation

- Dial Pulse with Loop Start
- Dial Pulse with Ground Start
- DTMF with Loop Start
- DTMF with Ground Start

Terminating Operation (Toward Switch)

- Dial Pulse with Loop Start
- Dial Pulse with Ground Start
- DTMF with Loop Start
- DTMF with Ground Start

Originating Operation (Toward Customer)

- Loop Start
- Ground Start

2. Trunk-Side Terminations  
(For FGB, FGC and FGD)

Standard Trunk for Originating, Terminating or  
Two-Way operation (available with FGB, FGC and FGD)

Operator Trunks, Coin, Non-Coin or Combined Coin and Non-Coin  
(available with FGC)

Operator Trunk, Full Feature Arrangement  
(available with FGD)

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

Continued

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FACILITIES FOR INTRASTATE ACCESS

II. Switched Access - Continued

RATES<sup>1</sup> - Continued

O. End Office - Continued

2. Public Switched Digital Services Access Switching Capability

	<u>Rate</u>
Per access minute (one minute minimum charging interval)	\$0.12

3. 500 Access Service

	<u>Nonrecurring Charges</u>	
	<u>1st NXX</u>	<u>Additional NXX</u>
Activating/Deactivating Each NXX Per Central Office Per order	\$163.00	\$148.00

<sup>1</sup> The rates for Switched Access Service are applicable to the exchanges listed in Schedule Cal. P.U.C. No. AB, Sheet 2.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access

A. General

Special Access provides a transmission path to connect customer designated locations\* within a LATA for telecommunication purposes. Special Access provided to a customer may be connected directly to customer facilities and/or may be connected to access facilities of another telephone company or companies in the joint provision of Special Access, or may be connected to Switched Access as set forth in Section II preceding. Special Access Services may also be connected to a customer's transmission equipment and facilities using a DS1 or DS3 Cross Connect arrangement where the customer is provided Expanded Interconnection Service (EIS) as defined in Section XI.

The provision of Switched Access and Special Access in combination is normally for, but not limited to, the use of WATS or WATS-type access. When Special Access is connected to Switched Access, the terms, conditions and rates for the facilities between the end users CDL and the WATS Serving Office are as set forth in this section of the tariff; the terms, conditions and rates for the facilities between the WATS Serving Office and the IC's CDL, as well as the Switching Functionalities (e.g., end user access codes, screening) are as set forth in Section II of this tariff.

Special Access can be provided in either analog or digital format. Analog formats are differentiated by spectrum and bandwidth. Digital formats are differentiated by bit rate. The specific types of Special Access provided are described in this section

Special Access Service as set forth following may be provided for intraLATA service connecting two end user premises within the same LATA consistent with all of the terms and conditions contained in this tariff.

Facilities and services offered hereunder are not available for intraLATA switched services (including without limitations, Frontier IntraLATA Toll Services, MTS-like, WATS, WATS-like).

Special Access Services provided by more than one telephone company are services where one end of the Special Transport Facility is in the operating territory of one telephone company and the other end of the facility is in the operating territory of a different telephone company.

Each telephone company will provide and bill at its own applicable rates and charges for the Special Transport Facility within its operating territory to the meet point with the other telephone company(s). The billing percentage will be determined by the telephone companies involved in providing the service and listed in the Pacific Bell's Schedule California P.U.C. No. 175-T.

The customer must supply a copy of the ASR to both telephone companies involved in the provision of the Special Access service.

See the Product Guide, Section 35 for qualifying entities and applicable California Teleconnect Fund Program discounts for Switched Data Service, in compliance with D.96-10-066. (T)

\* Utility Centrex CO-like switches are considered to be customer designated locations for the purposes of this tariff.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access – Continued

A. General - Continued

1. Rate Elements

There are six rate elements which apply to Special Access are. They are:

- Special Transport Facility
- Special Transport Termination
- Special Access Line
- Special Access Cross Connect
- Supplemental Features
- Multiplexing Arrangements

a. Special Transport Facility

The Special Transport Facility rate element provides the transmission facilities between the serving wire centers associated with two customer designated locations, between a serving wire center associated with a CDL and a Utility Hub Wire Center, between two Utility Hub Wire Centers or between a serving wire center associated with an end user's CDL and a WATS Serving Office. Customer transmission facilities and equipment terminated in the Utility wire center under EIS, as defined in Section XI, are not considered CDLs. Connection to the Utility provided DS1 or DS3 Special Transport within a serving wire center for customer with EIS will require a Special Access Cross Connect arrangement as described in III.A.1(c). This rate element is distance sensitive and varies with type of capability (i.e., analog or digital) and type of facility (e.g., Voiceband, Digital Special Access Service, etc.).

The Special Transport Facility rate element is distance sensitive, except for Metro Ethernet, and varies with type of capability (i.e., analog or digital) and type of facility (e.g., Voiceband, Digital Special Access Service).

Metro Ethernet Transport provides flat rate non-distance sensitive transport for Special Access DS1 bandwidth. The rate element associated with Metro Ethernet is a monthly recurring charge as set forth in the Rates section.

Special Transport Facility segments, when provided for Basic Digital Special Access, do not include automatic protection. This facility is suitable for connection to digital Network offerings of other telephone companies. This facility provides a lower cost digital communications alternative, but with some risk of service interruption in the event of equipment or facility degradation or failure.

Special Transport Facility segments, when provided for Premium Digital Special Access, are provided with automatic protection, to meet the performance guarantees and availability requirements of Digital Special Access Service. This facility is suitable for connection to Digital Special Access Service offerings of other telephone companies.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access – Continued

A. General - Continued

1. Rate Elements - Continued

a. Special Transport Facility - Continued

Special Transport Facility may be used in conjunction with Switched Access for the purpose of provisioning Originating Only, Terminating Only, or Combined Originating/Terminating Access as set forth following. Special Transport Facility, employed in this manner, provides the facility for the closed-end between the wire center serving the end user's CDL (where WATS Serving Office functions are not available) and the WATS Serving Office.

When the necessary WATS Serving Office functions are not provided at the wire center which serves the end user's CDL, the Utility will designate the wire center where the WATS Serving Office functions are available. The charge associated with the Special Transport may be waived as set forth in Section II preceding.

For Fractional T1 (FT1) service, Special Transport Facility must be ordered as Fractional Special Transport Facility in the same grouping (N x 56 Kbps or N x 64 Kbps where N = 2, 4, or 6) as the associated FT1 SALs.

b. Special Access Line

A Special Access Line provides the transmission facilities between a customer designated premises and the serving wire center of that premises. This rate element varies by type of capability (i.e., analog or digital) and type of facility (e.g., Voiceband, Digital Special Access Service, etc.).

The selection of a Terminating Option is required for terminating the network portion of a Special Access Line at the customer designated location. Terminating Options provide a clearly delineated interface which facilitates the design, isolation, and testing of the Special Access.

One Special Access Line charge applies per customer designated premises at which the facility is terminated. This charge will apply even if the CDL and the serving wire center are collocated in a Utility building. Customer transmission facilities and equipment terminated in the Utility wire center under EIS, as defined in Section XI, are not considered CDL's. Connection to Utility provided DS1 or DS3 SALs within a serving wire center for customer with EIS will require a Special Access Cross Connect arrangement as described in III.A.1(c).

The DS1 Special Access Line provided under this tariff will not be billed when used with ISDN PRI that uses alternate higher capacity digital facilities for the loop transport. This includes, i.e., providing service under the Tariff FCC No. 14, Optical Networking when the optical node is at the same location, DS3s, or comparable local tariffs. A DS1 Special Access Line provided to the serving wire center at which the customer obtains ISDN PRI Service will be transmitted with B8ZS Clear Channel Capability per Technical Reference Publication GR-342, Issue 1.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access – Continued

A. General - Continued

1. Rate Elements - Continued

b. Special Access Line - Continued

The Special Access Line charge used with a Switching Interface as set forth below, is applicable only for the transmission facilities between the end user's CDL and the serving wire center of that location.

A Special Access Line may be provided in conjunction with FGC and FGD Switched Access Service for the purpose of Originating Only, Terminating Only, or Combined Originating and Terminating Access and with FGA and FGB for the purpose of Terminating Only Access as set forth in Section II preceding. A Switching Interface is required for the provision of this service.

The Special Access Line provides the closed-end of the dedicated facilities between an end user's CDL and its serving wire center. This serving wire center may or may not be a WATS Serving Office. In those instances when the serving wire center is not a WATS Serving office Special Transport is applicable, as set forth preceding, to the nearest Utility WATS Serving Office.

Installation of Digital Special Access Lines (SAL) and DS1 SALs is set forth in the Rate Regulations section of this tariff. The applicable rates are the nonrecurring charge and monthly Rate set forth per Digital Special Access line and DS1 SAL installed.

The Switched Access used in conjunction with the Special Access Line provides various standard switching functionalities and optional arrangements as set forth in Section II. preceding.

All Special Access Lines used with a Switching Interface are:

- provided with dial pulse address signaling or Dual Tone Multifrequency (DTMF) address signaling and either loop start or ground start supervisory signaling. The type of signaling is the option of the customer.
- available as either a two-wire or four-wire Voiceband Special Access Service (i.e., 300-3000 Hz bandwidth). Each transmission path is provided with Standard Transmission Specifications.

All rules and regulations pertaining to Special Access are applicable to Special Access Lines used with a Switching Interface. Rates and Charges for these services are found in the RATES Section for two-wire and four-wire Voiceband Special Access Lines.

Tie lines are furnished to provide two-point connection between PBX service systems such as a station-to-station, or attendant position-to-attendant position and are associated with an access arrangement; or connection of a single tie line (at either end but not both ends simultaneously) where facilities and operating conditions permit, through an access arrangement, to a PBX trunk line, another tie line or a Special Access Line. Auxiliary and subsidiary PBX attendant position will be considered as a separate system.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access – Continued

A. General - Continued

1. Rate Elements - Continued

b. Special Access Line - Continued

When two or more off-premises services are furnished on the premises of one or more other customers, such other customers shall not use those off-premises services for communication with each other.

An off-premises service may be installed on the premises of another customer providing that the other customer has primary service of his own as set forth in Schedule Cal. P.U.C. No. D&R, Rule 1.

c. Special Access Cross Connect

The Special Access Cross Connect charge provides the communications path between Utility provided 64 Kbps DDS (DS0), DS1 or DS3 Special Access Lines or Special Access Transport and a customer's transmission equipment and facilities where the customer is provided EIS as defined in Section XI. The Cross Connect arrangement may connect directly to Utility provided 64 Kbps DDs (DS0), DS1 or DS3 services or to a Utility provided 64 Kbps DDS (DS0), DS1 or DS3 multiplexing arrangement. The Cross Connect charge applies per 64 Kbps DDS (DS0), DS1 or DS3 connection. Rates for 64 Kbps DDS (DS0) and DS1 and DS3 Cross Connect arrangements are listed in III.RATES.

d. Supplemental Features

Supplemental Features may be added to a Special Access circuit to improve its quality or usefulness to meet specific communications requirements. These are not necessarily identifiable with specific facilities, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of facilities. Although the facilities necessary to perform a specified function may be installed at various locations along the path of Special Access circuit, including the customer designated location, it will be provided for as a single rate element.

Examples of supplemental features that are available include, but are not limited to, bridging and conditioning.

e. Multiplexing Arrangements

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Multiplexing is only available at a Utility designated Hub Wire Center arranged for multiplexing. Different types of multiplexing will be available at each Hub Wire Center.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

1. Rate Elements - Continued

f. Special Transport Termination

The Special Transport Termination rate element applies to DS1, DS3, Voiceband, Program Audio <sup>1</sup> and Digital Special Access (i.e., Basic and Premium) service offerings and is in addition to the Special Transport Facility rate element. The Special Transport Termination provides the equipment and arrangements necessary to terminate the Special Transport facility at a serving wire center. One Special Transport Termination charge applies for the termination of each end of a Special Transport facility for all Special Access Services.

Special Transport Terminations when provided in the Basic format do not provide automatic protection. Special Transport Terminations when provided in the Premium format are equipped with automatic protection.

For Fractional T1 Service, Special Transport Termination must be ordered as Fractional Special Transport Termination in the same grouping (N x 56 Kbps or N x 64 Kbps where N = 2, 4, or 6) as the associated FT1 SALs.

2. Special Access Configurations

There are two types of facility configurations over which Special Access service is provided, two-point and multi-point.

a. Two-point

A two-point configuration is a circuit which is provided to connect two customer designated locations either directly connected or through a Utility Hub Wire Center where Multiplexing functions are performed, or a CDL and a WATS Serving Office; All Special Access offerings may be provided as a two-point configuration.

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

2. Special Access Configurations - Continued

b. Multipoint Service

A multipoint configuration is a circuit that is provided to connect three or more customer designated locations through a Utility Hub Wire Center.

Only Voiceband Program Audio <sup>1</sup>, Digital Special Access Service facilities, and Miscellaneous Services where so designated, will be provided as multipoint configurations. There is no limitation on the number of mid-links, but the use of more than three mid-links in tandem may degrade the quality of the multipoint facilities. A mid-link is defined as the Special Transport facilities between Hub Wire Centers where the circuit is bridged and/or where circuit switching devices, such as a loop transfer arrangement, are located.

Multipoint Special Access is provided in the following manner:

- (1) Special Access Line per customer designated location to their respective serving wire centers.
- (2) Special Transport Facility between Hub Wire Centers.
- (3) Special Transport Facility between the serving wire centers associated with the customer designated locations and the Hub Wire Center.
- (4) Special Transport Termination at each end of the Special Transport facility terminating in a Utility serving wire center, when applicable.
- (5) Supplemental Features: Bridging equipment charges for each bridging location and other Supplemental Features when applicable.
- (6) Multiplexing Arrangements when applicable.

3. Special Facilities Routing

A customer may request that the Special Access used be specially routed. The regulations, rates and charges for Special Facilities Routing are applicable.

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

4. Design Layout Report

The Utility will provide to the customer the makeup of the Special Access provided under this tariff to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report and will include the following:

- a. Cable gauge, length and loading,
- b. Makeup (e.g., T-carrier, two-wire, four-wire, etc.),
- c. Specific pair of circuit assignment at the CDL.

The Design Layout Report will be provided to the customer within fourteen working days from the ASR date. Updated reports will be reissued within fourteen working days whenever facilities provided to the customer are materially changed.

Both the initial and the updated Design Layout Reports will be provided to the customer at no charge.

5. Acceptance Testing

At no additional charge the Utility will, at the customer's request, cooperatively test, at the time of installation, the following test parameters apply:

- a. For voiceband services, acceptance testing will include tests for loss, 3-tone slope, DC continuity, operational signaling C-notched noise, and C-message noise when these parameters are applicable and specified in the order for service.
- b. For other analog services (i.e., Program Audio<sup>1</sup>, Video, <sup>2</sup> Services) and for digital services (i.e., Digital Special Access Services and High Capacity Digital Services), acceptance testing will include tests for the parameters applicable to the service.

When the customer requests the performance of additional cooperative tests which are not required to meet these specified performance parameters, charges will apply as set forth in the Ancillary and Miscellaneous Services section. All test results will be made available to the customer upon request.

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

<sup>2</sup> Wideband Analog and Wideband Data Services are withdrawn as of December 19, 2013.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access

The Special Access offerings described below are comprised of a combination of the rate elements set forth previously in this section. The description of each Special Access following indicates the most effective use for each facility. Customer use for purposes other than those indicated is limited only to the extent that such use may not harm the network. Further, the Utility does not guarantee transmission performance beyond the parameters identified in the description of each for the respective Special Access type.

The Utility will maintain existing services with performance specifications on services installed prior to the effective date of this tariff, except that existing services with performance specifications exceeding the standards will be maintained at the performance level specified in the manual.

A customer may order high capacity facilities from an end user's CDL to a Utility Hub Wire Center for the purpose of originating or terminating Special Access Lines used with a Switching Interface. High capacity to voice multiplexing is required at the Hub.

1. Voiceband

a. Two-Wire Voiceband Facility

These facilities are unconditioned and are capable of transmitting voice or data signals within the frequency spectrum of approximately 300 Hz to 3000 Hz. These facilities are furnished on a two-point or multi-point basis and will be two-wire at the point of termination. They permit the simultaneous transmission of information in both directions over a circuit, but it is not possible to insure independent information transmission in both directions. Supplemental features may be added, at applicable charges, to enhance the operational capabilities of these facilities.

b. Four-Wire Voiceband Facility

These facilities are unconditioned and are capable of transmitting voice or data signals within the frequency spectrum of approximately 300 Hz to 3000 Hz. These facilities are furnished on a two-point or multi-point basis and will be four-wire at the point of termination. They permit the simultaneous independent transmission of information in both directions over a circuit. Supplemental features may be added, at applicable charges, to enhance the operational capabilities of these facilities.

Continued



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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

2. Program Audio <sup>1</sup>(Grandfathered effective December 19, 2013)

These facilities are arranged and provided for the transmission of non-broadcast audio which is to be used in connection with loudspeakers, wired music, closed circuit or recordings. Audio facilities are furnished for transmission in one direction and may be provided in a two-point or multi-point configuration. facilities to be used in connection with broadcast audio must be ordered from the appropriate interstate tariff.

Program Audio facilities are provided either on a full time or part-time basis. The minimum periods for full time and part-time services are set forth under the Ordering Options for FIA section. When a part-time program audio service is provided for ten or more consecutive days it will be treated as a full time service and rated accordingly. In no event will the charge for continuous part time program audio exceed the amount that would have been charged in the same time period for full time program audio facilities.

- a. 200 to 3500 Hz facilities are generally acceptable for speech quality programming and &re subject to use over limited distance due to transmission factors.
- b. 100 to 5,000 Hz facilities are generally acceptable for music and provide good quality speech programming.
- c. 50 to 8,000 Hz facilities provide high fidelity music transmission.
- d. 50 to 15 ,000 Hz facilities provide high fidelity music transmission. Two such facilities may be conditioned, at applicable charges, for stereo operation.

3. Video Band

These facilities are arranged and provided for the transmission of television which is to be used for other than broadcast purposes in connection with viewing or recording. Facilities to be used in connection with broadcast video services must be ordered from the appropriate interstate tariff.

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

4. High Capacity Digital

These facilities are two-point and are furnished between CDL's or between a CDL and a Utility designated Hub Wire Center where multiplexing is offered. High Capacity facilities may be used to provide Special Access Lines as set forth preceding. A High Capacity to voice multiplexing arrangement is required at the Hub Wire Center. High Capacity DS1 and DS3 services may also be connected to customer transmission equipment and facilities where the customer is provided EIS as defined in Section XVII.

- a. DS1 facilities provide for the transmission of isochronous serial data at a rate of 1.544 Mbps.
- b. (Reserved for Future Use)
- c. DS2 facilities provide for the transmission of isochronous serial data at a rate of 6.312 Mbps.
- d. DS3 facilities provide for the transmission of isochronous serial data at a rate of 44.736 Mbps.
- e. DS3C facilities provide for the transmission of isochronous serial data at a rate of 89.472 Mbps.
- f. FT1 facilities are furnished for the transmission of isochronous bipolar serial data and are available at transmission rate groupings of N x 56 Kbps or N x 64 Kbps when N equals 2, 4, or 6. FT1 channels are contiguous within the network and can be used to create a wideband circuit using customer provided equipment. When N x 64 FT1 is ordered in conjunction with DS1 service for multiplexing purposes, the DS1 must have Clear Channel Capability as described in III.F.1.a. FT1 Service at a rate of N x 64 Kbps will only be provided where Clear Channel Capability is available in the network. Where Clear Channel Capability is not available, N x 56 Kbps service can be provided in lieu of N x 64 Kbps.

5. Digital Special Access Service

Digital Special Access is a service for the transmission of digital signals only. These facilities can be provided in Basic and Premium format. The digital formats are differentiated by the level of inherent network redundancy provided, the ability for customer control, and the availability of Utility-provided multiplexing for Basic Service.

Digital Special Access provided to a customer may be connected to another telephone company's Digital Data Service (DDS) (Premium Digital Special Access), Advanced Digital Network (ADN) (Basic Digital Special Access), or like services of other service providers.

Facilities for Digital Special Access are furnished for the simultaneous two-way transmission of digital signals at synchronous data presently utilized for the speeds of 2.4, 4.8, 9.6, 19.2 or 56 Kilobits per second (Kbps) between the serving wire center of the CDL or the point of connection with another utility.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

5. Digital Data Service - Continued

The description of the speeds and supplemental features for Digital Special Access identify some typical uses for the circuit. There are five synchronous speeds offered through Basic Digital Special Access and four synchronous speeds offered through Premium Digital Special Access. Premium synchronous speeds are provided in standard Digital Data Service (DDS) compatible format. The available speeds and features are described following:

2.4 Kbps

These facilities are best used for single terminal configurations.

4.8 Kbps

These facilities are best used for single terminal configurations.

9.6 Kbps

These facilities can be used for single terminal configurations and multiple terminal configurations through the addition of customer-provided multiplexers.

19.2 Kbps

These facilities can be used for single terminal configurations as well as multiple terminal configurations through the addition of customer-provided multiplexers. This facility is not offered with Premium Digital Special Access.

56 Kbps

These facilities are suitable for all data transmissions. They require the ability to connect to a synchronous network. These facilities may be ordered as two-point or multipoint configurations. However, multipoint configurations are rare due to the considerable bandwidth of the circuit, but are available. Customer-provided multiplexing of lower speed synchronous or asynchronous circuits between two CDLs is common at this speed.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

6. Special Access Facilities for Interconnection with Software Defined Network Service Provided by an IC

When an IC orders special access in association with SDN, the following provisions will apply:

- a. Initially, the IC may order the special access facility as interstate.
- b. Each month thereafter, the IC will provide to the Utility an aggregate number of special access lines used in association with their SDN service and the percentage breakdown of the interstate and intrastate traffic. The total SDN special access lines shall be divided into interstate and intrastate lines in proportion to the reported percentages. The number of lines will be rounded up to the nearest whole number for billing purposes.
- c. Those special access lines which become designated as interstate as a result of the PIU reports will be rated as set forth in FCC Tariff No. 14, Facilities for Interstate Access. Those special access lines which, as a result of the PIU reports, become designated as intrastate will be rated as set forth in this section under RATES.

C. Description of Terminating Options

The description of each Terminating Option defines the most effective use of the Terminating Option. Although a customer is not restricted from alternate applications, except where such application is harmful to the network, the Utility cannot guarantee technical performance for other than the applications stated below. Terminating Options are non-chargeable.

1. Narrowband

a. 0 to 75 Baud Type 1

Provides standard open/closed 20 or 62 Ma energized Interface to customer terminal equipment and converts customer terminal equipment signals to voice frequency signaling for transmission over two-wire or four-wire voice band network facilities suitable for voice grade to narrowband multiplexing. This terminating option is obsolete and is limited to those circuits so equipped and in service as of January 1, 1995.

b. 0 to 75 Baud Type 2

Provides two-wire or four-wire metallic Interface for customer or Utility energized circuits. Utility energized circuits are only available in conjunction with voice grade to narrowband multiplexing. This option does not guarantee DC current operation over Special Transport facilities. This terminating option is obsolete and is limited to those circuits so equipped and in service as of January 1, 1995.

c. 0 to 150 Baud

Provides standard RS-232C interface to customer terminal equipment and converts customer terminal equipment signals to voice frequency signaling for transmission over two-wire or four-wire voice band facilities. This terminating option is obsolete and is limited to those circuits so equipped and in service as of January 1, 1995.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

C. Description of Terminating Options - Continued

2. Voice Grade

a. Two-Wire Voice Grade, Non-Data, Without Signaling

This option provides a two-wire Interface to a customer and terminates an effective two-wire facility furnished for voice transmission only. Customer provided signaling must be limited to tones in the voice band. Customer provided voice band signaling equipment must limit transmission power to 0.0 dBm peak and -13 dBm average power over a three-second period.

b. Four-Wire Voice Grade, Non-Data, Without Signaling

This option provides a four-wire Interface to the customer terminal equipment and terminates an effective four-wire facility furnished for voice transmission only. Customer provided signaling must be limited to tones in the voice band. Customer provided voice band signaling equipment must limit transmission power to 0.0 dBm peak and -13 dBm average power over a three second period.

c. Voice Grade Data Termination

This option provides a two-wire or four-wire transmission Interface to a customer's Special Access data modem and terminates an effective four-wire facility furnished for voiceband data transmission.

d. Two-Wire Voice Grade Station Connecting Facility Termination

This option provides a means to terminate the closed end (station end) of a facility on a telephone, key system, PBX, ACD, or similar equipment. This station connecting option is required to terminate facilities used to furnish foreign exchange service, the station end of PBX off-premises service, or private switched service network access lines. The option provides both the transmission and loop signaling functions normally associated with these services. The option is also used to terminate facilities arranged with automatic ringdown signaling. Special Access Line and Special Transport facilities used with this option may require signaling capabilities.

e. Four-Wire Voice Grade Station Connecting Facility Termination

This option is used to terminate four-wire foreign exchange service. The option provides a four-wire transmission Interface to the customer terminal equipment. Normal loop signaling functions are provided with a simplex option on the four-wire transmission facility. Special Access Line and Special Transport facilities used with this option may require signaling capabilities.

f. Two-Wire Station Connecting Facility Termination for the Open End of an Off-Premises PBX Extension

Terminating options are available depending on the signaling range of the PBX (or similar system) as defined in Part 68 of the FCC Rules and Regulations. Type 1 is an option requiring range extension equipment at the customer designated premises. Type 2 is an option with no range extension equipment. Special Access Line and Special Transport facilities with this option may require signaling capabilities.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

C. Description of Terminating Options - Continued

2. Voice Grade - Continued

g. Dial Repeating Tie Trunk Termination

Two network terminating options are provided for terminating four-wire transmission facilities used to furnish dial repeating tie trunk services. These options are described in terms of the interface they provide to a PBX (or similar system).

(1) A Type I tie line termination provides the customer or end user with a two-wire transmission interface with either a two-wire or four-wire E&M type signaling interface at the customer's option. Transmission and signaling Interface options available are described in Part 68 of the FCC Rules and Regulations.

(2) A Type III tie line termination provides the customer with a four-wire transmission Interface with either a two-wire or four-wire E&M type signaling Interface. Transmission and signaling options available are described in Part 68 of the FCC Rules and Regulations.

Special Access Line and Special Transport Facilities used with this option may require signaling capabilities.

3. Program Audio <sup>1</sup>(Grandfathered effective December 19, 2013)

a. 200 to 3,500 Hz

Provides standard program audio Interface levels and impedance matching to two-wire network facilities.

b. 100 to 5,000 Hz, 50 to 8,000 Hz, and 50 to 15,000 Hz

Provides standard program audio interface levels, circuit equalization and Impedance matching to two-wire network facilities.

4. Video

This arrangement provides the necessary equipment required to terminate a video facility. Facilities to be used in connection with broadcast video services must be ordered from the appropriate interstate tariff.

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

C. Description of Terminating Options - Continued

5. High Capacity Digital

a. High Capacity Digital DS1

Provides a High Capacity Digital DS1 Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 1.544 Mbps.

b. Fractional T1 Service

Provides a DS1 Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals and is limited to groupings of N x 56 Kbps or N x 64 Kbps where N = 2, 4, or 6.

c. High Capacity Digital DS3

Provides a High Capacity Digital DS3 Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 44.736 Mbps. The Utility will provide an electrical interface with the service unless otherwise specified by the customer. EIS is not available with DS3 services provided with an optical interface.

d. High Capacity Digital DS3C

Provides a High Capacity Digital DS3C Special Access interface for use in providing simultaneous two-way transmission of isochronous bipolar serial data signals at the rate of 89.472 Mbps. The Utility will provide an optical interface with this service unless the service is provided via microwave, in which case, an electromagnetic interface is provided, or unless the customer requests an electrical interface.

6. Premium Digital Special Access Service

Provides a Premium Digital Special Access Interface for use in providing simultaneous two-way transmission of sequential bipolar data signals at rates of 2.4, 4.8, 9.6, or 56 kbps over four-wire facilities.

7. Basic Digital Special Access Service

Provides a Basic Digital Special Access Interface for use in providing simultaneous two-way transmission of sequential bipolar data signals at rates of 2.4, 4.8, 9.6, 19.2 or 56 Kbps over four-wire facilities.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features

Supplemental Features are items which can be added to Special Access to provide enhanced capabilities or improve its utility.

Reference to specific uses or Special Access types indicate the most effective use for each Supplemental feature. Customer use for other purposes or with other Special Access types is limited only to the extent that such use must not harm the network. Further, the Utility does not guarantee functional operation of Supplemental Features for these alternate applications.

Listed below are the Supplemental Features that are offered under this tariff.

1. Bridging

Bridging is the function of connecting three or more CDLs in a multipoint arrangement. Listed below are those bridging services offered under this tariff.

- a. Multi-point Data Bridging - This feature provides the capability to derive a multipoint data circuit from a single facility and is normally provided on Voiceband facilities provided for transmission of data signals. Polled multipoint data circuits are a typical application of this feature.
- b. Voice Conference Bridging - Bridging arrangement to connect multiple Voiceband facilities In order that a voice frequency input signal from any location will be reproduced at the output of all other circuit locations.
- c. Alarm Distribution Bridging -Provides polling type bridging capabilities, band splitting filters and conversion of four-wire terminations up to a capacity of 40 two-wire terminations. This function is offered as two elements. The first element provides all shelving and common equipment for a capacity of 40 two-wire terminations. The second element provides a two-wire port. One common equipment rate element will apply to accommodate up to 40 two-wire terminations. One two-wire port will apply to each two-wire Special Access Line terminated in the bridge.
- d. Program Audio Bridging<sup>1</sup> - An arrangement to provide a multiple channel output from a single Program Audio or Voiceband facility. This arrangement is provided and rated on a per port basis.
- e. Digital Special Access Bridging - Provides for a multi-junction unit (MJU) arrangement to bridge 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, or 56 kbps Digital Special Access facilities. Different speeds cannot be mixed on the same bridge. This function is provided on a per port basis.

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

Listed below are the Supplemental Features that are offered under this tariff.- Continued

2. Conditioning Arrangements - Data

Data conditioning, when utilized in conjunction with effective four-wire Voiceband transmission facilities, improves the characteristics of these facilities. These Improved characteristics are not represented to apply to the entire end to end facility of the customer, but only to that portion of the facility provided by the Utility.

There are three types of data conditioning, Type C, Type C-Improved and Type DA. Type C and Type C-Improved conditioning control attenuation distortion and envelope delay distortion. Type DA controls the signal to C-notched noise ratio and intermodulation distortion. Type C and Type DA conditioning may be combined on the same circuit. Type C-Improved and Type DA conditioning may be combined on the same circuit.

Data conditioning is charged for on a per Special Access line basis. The parameters listed for each type of data conditioning apply from two or more CDLs within the Utility's serving area. Conditioning parameters apply to each end of a two-point circuit. For multipoint circuits, the conditioning parameters apply from any CDL to either the point of Interface at another CDL or the first Utility bridging point depending on the circuit configuration. These parameters are not applicable to high capacity point of Interface, because there is no voice frequency test access point. In these instances, the data conditioning parameters apply to the last Utility voice frequency test access point before the high capacity point of interface.

Type-C, Type C-Improved and Type-DA conditioning of voiceband facilities provide a facility which meets the transmission parameters in addition to the standard parameters for voiceband circuits.

a. Type C

- (1) Attenuation distortion with reference to 1004 Hz
- (2) Envelope delay distortion

b. Type C-Improved

- (1) Improved attenuation distortion with reference to 1004 Hz.
- (2) Improved envelope delay distortion.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

Listed below are the Supplemental Features that are offered under this tariff.- Continued

2. Conditioning Arrangements – Data - Continued

The customer may choose to order Improved Attenuation Distortion or Improved Envelope Delay Distortion or both configurations. The rates specified for Type C-Improved conditioning, as set forth following, will apply regardless of the configuration specified.

c. Type DA

- (1) Signal to C-notch noise ratio
- (2) Nonlinear signal to second order distortion
- (3) Nonlinear signal to third order distortion

3. Conditioning - Program Audio <sup>1</sup> (Grandfathered effective December 19, 2013)

a. Stereo Conditioning

Provides the option of two radio program facilities which are facilities identical in all transmission characteristics. Two Program Audio facilities are required to provide this Supplemental Feature. This feature is normally used only with Program Audio 50 to 15,000 Hz facilities. Stereo conditioning is charged on a per occurrence basis.

b. Zero Loss

Conditioning of Program Audio facilities to provide zero loss at 1,000 Hz test frequency. Zero loss is charged on a per Special Access Line basis.

4. Signaling Arrangements

- a. Signaling arrangements, when furnished with Voiceband transmission facilities, enable these facilities to accommodate standard telecommunications signaling protocols. Signaling arrangements provide for the conversion of one signaling method to another signaling method and/or extension of a signaling method at customer and Utility interfaces and enables the transmission facilities to accommodate signaling transmission. Signaling arrangements are available with Voiceband transmission facilities to enable transmission of requested signaling formats. The third and fourth protocol characters of the Network Channel Interface (NCI) and Secondary Network Channel Interface (SEC NCI) codes as indicated on the customer's order, reflect signaling activity. Typical protocol characters contained in the NCI or SEC NCI codes that designate signaling arrangements are: AB, AC, DS, DX, DY, EA, EB, EC, Ex, GO, GS, LA, LB, LC, LO, LR, LS, NO, RV, and SF.

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

4. Signaling Arrangements - Continued

a. - Continued

The customer identified NCI and SEC NCI codes will be considered the customer's request for signaling. The Utility will endeavor to provide the specific signaling protocols requested by the customer. In those cases where facilities and equipment are not available to meet the customer's specific requests, the Utility will provide the customer acceptable alternate protocols. To properly provision SF signaling when associated signaling code is DS (PCM), additional information of SF requirements (loop signaling type DX/E&M or ringdown) must accompany the customer's order. Signaling arrangement charges apply whenever interfaces at the customer premises or at the customer's Utility serving wire center require a signaling arrangement other than those provided with the Terminating Options as previously described.

Specifically, a signaling charge applies if the signaling protocol characters in the NCI and the SEC NCI fields are different and include one of the following codes: RV, EX, SF, DX, DY, DS, AB.

- b. Signaling arrangements are available with Voiceband transmission facilities to enable transmission of requested signaling formats. Signaling charges will apply for each signaling conversion. On facilities requiring multiple signaling arrangements a corresponding signaling arrangement charge will apply for each conversion. When a Multiplexing Arrangement is ordered that converts a single higher capacity or bandwidth circuit into several lower Voiceband circuits, the Voiceband Signaling Arrangements are provided as part of the Multiplexing Arrangement, and no additional Signaling Arrangement charges will apply.

A signaling charge applies in addition to any other applicable signaling charge when loop range extension equipment is required. The Utility will obtain customer approval for signaling range extension equipment.

Available Signaling Arrangements are as listed below:

- (1) Loop Signaling Range Extension - An arrangement to extend the metallic resistance limitations of loop type signaling.
- (2) Conversion of Loop or E&M Signaling to SF - An arrangement to convert loop or E&M signaling to the single frequency signaling format.
- (3) E&M to DX Signaling Conversion - Conversion of E&M signaling to the DX signaling format.
- (4) E&M to Loop Signaling Conversion - conversion of E&M signaling to the loop signaling format.
- (5) Loop or E&M to PCM Signaling - Conversion of loop or E&M signaling to the digital (PCM) signaling format.
- (6) Automatic Ringdown Signaling - A signaling arrangement on a two-point Special Access which converts loop seizure at one end of the facility into ringing signal at the opposite end.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

5. Echo Cancellor

An arrangement provided at the customer's request to cancel reflected speech energy on a four-wire facility. This conditioning is generally required on circuits with long propagation delay. Echo canceller is charged on a per Special Access circuit basis.

6. Voiceband Facility Switching Arrangement

An arrangement to provide switching between two Voiceband Special Access. This arrangement may require a Voiceband control circuit to control the switching arrangement.

7. Automatic Protection Switching

Consists of special switching equipment placed at both ends of a duplicate DS1 facility (i.e., DS1, High Capacity circuit) for automatic switching to the duplicate facility in the event the active facility is inoperative.

Duplicate facilities may terminate at a serving wire center, a CDL or both. The option provided under this tariff only includes the APS(s) located at a serving wire center(s). When the duplicate facility terminates at a CDL, the customer will be responsible for providing the associated APS and ensuring it is compatible with the Utility provided switch if appropriate.

The duplicate facilities are not a part of this Supplemental feature.

8. Digital Special Access Service Secondary Channel

This feature is offered on an optional basis to customers of Digital Special Access Service. It is a separate, slower speed digital channel that operates in parallel with the primary Digital Special Access channel. The secondary channel allows for remote control and testing of the network and peripheral devices without taking the network out of service and without lowering the speed of the primary Digital Special Access channel.

Rates and charges, as set forth following, will apply on a per Digital Special Access Line (SAL) basis (each end of a two-point circuit and all ends of a multi-point circuit).

The provisioning of this option to existing Digital Special Access Service requires the discontinuance of the existing Digital Special Access Service and the establishment of new Digital Special Access Service for both ends of a two-point circuit and all ends of a multiplexing circuit. The Initial Ordering Charge plus the appropriate Digital Special Access Installation Charge as set forth following will apply. These charges are in addition to the nonrecurring charges associated with the installation of the Secondary Channel.

This feature is available for all speeds of Digital Special Access Service, however, due to technical limitations, cannot operate and therefore is not available on 56 Kbps Digital Special Access Service that requires the installation of loop repeater equipment.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

9. Improved Return Loss

Improved Return Loss provides for increased echo return and singing return parameters of an effective two-wire channel. This optional feature is available with certain Voiceband services at a two-wire point of termination when the transmission interface is four-wire at one CDL and two-wire at the other CDL. Placement of Utility equipment may be required at the customer's premises with the two-wire point of termination.

Improved Return Loss rates and charges will apply on a per Special Access Line basis at the rates specified in the RATES Section.

10. Improved Termination Option

Improved Termination provides for a fixed 600 ohm impedance, an increased range of transmission levels, and simplex reversal (when applicable) on an effective four-wire channel. This optional feature is available with most Voiceband services with a four-wire point of termination. Utility equipment is required at the customer's premises where this option is ordered.

The Improved Termination option will be ordered and rates and charges, as set forth in the RATES Section will apply on a per SAL basis.

11. Improved Equal Level Echo Path Loss Option

This option provides improved echo control parameters for an effective two-wire channel at a four-wire point of termination. Placement of Utility equipment may be required at the customer's premises with the two-wire point of termination.

The term "Equal Level Echo Path Loss" (ELEPL) represents the measure of Echo Path Loss (EPL) at a four-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP), i.e.,  $ELEPL = EPL - TLP(\text{send}) + TLP(\text{receive})$ .

Improved ELEPL rates and charges will apply on a per SAL basis at the rates set forth in the RATES Section.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

E. Multiplexing Arrangements

Multiplexing Arrangements provide the function to convert a single high capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a DS1C may be de-multiplexed to two DS1 facilities and then the DS1 facilities may be further de-multiplexed to 24 Voiceband channels.

When cascading multiplexing is performed in the same or different Hub Wire Center, a charge for the additional multiplexing unit will also apply. When cascading multiplexing is performed at a different Hub Wire Center, Special Transport facility will also apply between the involved Hub Wire Centers.

Listed below are the multiplexing arrangements offered under this tariff.

1. Voice to Narrowband

An arrangement that multiplexes up to sixteen 0 to 75 baud narrowband circuits to a single voice grade circuit or a single voicegrade circuit to sixteen 0 to 75 baud narrowband circuits. This arrangement is an obsolete offering and is limited to those circuits so equipped and in service as of January 1, 1995.

2. DS1 to Voice

An arrangement that multiplexes 24 voice grade circuits to a single DS1 digital circuit at a rate of 1.544 Mbps or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to 24 voice grade circuits. If this DS1 terminates in a Digital Special Access hub, a channel(s) of the DS1 can be used to provide Digital Special Access Service; however, Digital Special Access Service stops at the DS1 interface.

Up to 16 channels of this DS1 can be used for Direct Digital Service (Digital Special Access-like service) with the assurance that circuit performance parameters will be met. If more than 16 channels are used for Digital Special Access-like service, the performance parameters for the DS1 and all circuits riding the DS1 will not be guaranteed.

FT1 can be used in conjunction with DS1 to Voice Multiplexing in groupings of N x 56 Kbps or N x 64 Kbps where N = 2, 4, or 6, to a single DS1 digital circuit at a rate of 1.544 Mbps.

3. DS3 to DS1

An arrangement that multiplexes 28 DS1 digital circuits to a single DS3 digital circuit at a rate of 44.736 Mbps.

4. DS3C to DS1

An arrangement that multiplexes 56 DS1 digital circuits to a single DS3C digital circuit at a rate of 89.472 Mbps.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

E. Multiplexing Arrangements - Continued

5. Digital Data Carrier Multiplexer

An arrangement that multiplexes twenty-three 64 kbps digital circuits for connection to either subrate data multiplexers or 56 kbps office channel units to a single DS1 1.544 Mbps digital circuit. This arrangement consists of a charge for the basic multiplexer and a charge for each 64 kbps digital circuit equipped and connected.

6. Digital Data Subrate Multiplexer

An arrangement that multiplexes the following quantities of subrate digital data circuits into a single 64 kbps digital circuit:

Twenty - 2.4 kbps  
Ten - 4.8 kbps  
Five - 9.6 kbps

7. Digital Data Office Channel Unit

An arrangement that provides a metallic facility interface for the subrate digital data multiplexer for digital rates of 2.4, 4.8, and 9.6 kbps or for the digital data carrier multiplexer at a digital rate of 56 kbps.

8. DS3 to DS1 Multiplexing

An arrangement that multiplexes 28 DS1 digital circuits to a single DS3 digital circuit at a rate of 44.736 Mbps, or multiplexes a single DS3 digital circuit at a rate of 44.736 Mbps to 28 DS1 digital circuits.

9. DS3 Multiplexer Cross Connect Arrangement

An arrangement which allows a customer to cross connect digital DS1 channels from one multiplexer to another multiplexer. If the DS3 multiplexed services are located in different hub wire centers, a Special Transport charge will apply in addition to the Cross Connect charge.

The multiplexing arrangements associated with shared use high capacity facilities will be ordered and rated as Special Access service until such time as the customer chooses to use a portion of the available capacity for providing Switched Access service. At that time the customer must place an order for Switched Access service, designating a specific channel assignment for the service. As each individual channel is activated for Switched Access service, the Special Access rates for multiplexing arrangements will be reduced accordingly (e.g., 1/24th for a DS1 to voice arrangement).

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

F. Miscellaneous Special Access Services

1. Clear Channel Capability

a. Description of Service

An arrangement that allows the customer to transport 1.536 Mbps of information through a DS1 with no constraint on the quantity or sequence of one (Mark) and zero (space) bits utilizing the Bipolar with Eight Zero Substitution (B8ZS) Method of providing bit sequence independence. This arrangement is capable of transporting DS1 signals which utilize Superframe or Extended Superframe Format (ESF) as defined by the American National Standards Institute (ANSI) T1.107-1988 standard. The installation interval for Clear Channel Capability may exceed standard intervals where equipment in the central office is not readily available. The charges apply on a per SAL basis.

This arrangement requires the customer signal at the channel interface to conform to the B8ZS method of providing bit sequence independence.

G. Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access.

1. Types of Rates and Charges

There are four types of rates and charges. These are monthly rates, nonrecurring charges, Special Access surcharges, and daily rates. The rates and charges are described as follows:

a. Monthly Rates

Monthly rates are recurring charges that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

b. Daily Rates

Daily rates are recurring charges that apply to each 24 hour period or fraction thereof that a part-time Program Audio<sup>1</sup> Special Access Service is provided. This 24 hour period is not limited to a calendar day. When part-time Program Audio<sup>1</sup> service is provided for ten or more consecutive days it will be treated as a full-time service and monthly rates will apply. In no event will the charges for continuous part-time Program Audio<sup>1</sup> service exceed the amount that would be charged in the same time period for full-time service.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

This section contains the specific regulations governing the rates and charges that apply for Special Access.

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity, (i.e., installation of service or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are those listed below.

(1) Special Access Ordering Charges

Special Access Ordering Charges are associated with the work performed by the Utility in connection with the receiving, recording and processing of customer service requests. There are two types of service ordering charges.

(a) Initial Ordering Charge - Special Access

This charge applies on a per Access Service Request (ASR) basis, including those requests to add additional terminations to an existing service.

(b) Subsequent Ordering Charge - Special Access

This charge applies on a per ASR basis for modifications to an existing service. This would include activities such as:

- Additions of supplemental features and multiplexing arrangements.
- Changes in the type of transport rate option from Switched Transport to Special Transport for FGA and FGB Switched Access Service as described in the Switched Access Section of this tariff.

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(2) Service Installation Charge

The Service Installation Charge is associated with the work performed by the Utility in connection with the physical installation activities involving central office and/or outside plant facilities. This charge applies on a per SAL basis for the installation of service and for the additional terminations to existing service.

This charge does not apply to installations involving DS1 SALs. The installation charges for these services are as shown in the RATES section.

(3) Design Change Charge

The customer may request a design change to the service ordered. A design change is any change to a pending ASR for Special Access Service which requires engineering review. Design changes include such things as the addition or deletion of supplemental features or changes in the terminating options. Design changes do not include a change of Customer Designated Location (CDL), end user premises or Special Access service type (e.g., 2-wire to 4-wire Voiceband or Voiceband to Program Audio<sup>1</sup>, etc.). Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR. The cancellation charges apply as set forth in the Ordering Options for FIA section of this tariff.

The Utility will review the requested change, notify the customer whether the change can be accommodated and specify if a new service date is required. If the customer authorizes the Utility to proceed with the design change a Design Change Charge will apply.

The Design Change Charge will apply on a per ASR per occurrence basis, for each ASR requiring a design change.

If a change in date is required, the Service Date Change Charge as set forth in the Ordering Options for FIA section will also apply.

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(4) Installation of Supplemental Features and Multiplexing Arrangements

Nonrecurring charges apply for installation of supplemental features and multiplexing arrangements available with Special Access service. The charge applies whether the feature or multiplexing arrangement is installed coincident with the initial installation of service or at any time subsequent to the installation of service. These charges are in addition to the appropriate Special Access Ordering Charge.

(5) Installation of DS1, DS3, Fractional T1 and Digital Special Access Lines

(a) DS1 Standard Arrangement

There are two levels of nonrecurring charges for the installation of DS1 Special Access Lines. The "First System" charge is assessed per SAL for the first DS1 service ordered by a customer between CDLs or a hub wire center. When the same customer requests additional DS1 service on the same ASR, to be installed at the same time and between the same CDLs as the "First System" DS1 SAL, the lesser charge under "Additional System" will apply. In addition to these nonrecurring charges, the appropriate Special Access Ordering Charge will apply.

(b) DS1 Optional Payment Plan (OPP) Arrangements

Customers subscribing to the OPP arrangements at rates set forth in III.D.6 will not be assessed a nonrecurring charge (NRC) for initial installation of a "First System" DS1 SAL. For each "Additional System" DS1 SAL, the NRC as set forth in RATES III.D.5(b) will apply. In addition, under an OPP the "Additional System" DS1 SAL may be ordered as set forth in III.G.1 at any time by the same customer between the same CDL and its serving wire center as the "First System" DS1 SAL.

The NRC for installation of a "First System" DS1 SAL as set forth in RATES III.D.5 will apply to existing DS1 OPP customers when required for changes and other service rearrangements as set forth in this section of the tariff.

(c) Fractional T1 Standard Arrangements

Customers subscribing to Fractional T1 service at rates set forth in the RATES Section will be assessed a nonrecurring charge. The NRC for Fractional T1 service will be assessed per SAL.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(5) Installation of DS1, DS3, Fractional T1 and Special Access Lines - Continued

(d) Fractional T1 Optional Payment Plan OPP Arrangements

Customers subscribing to the Fractional T1 OPP arrangements, at rates set forth in the RATES Section will not be assessed a nonrecurring charge.

The regulations under Service Rearrangements will apply to existing FT1 OPP customers when required for changes and other service arrangements.

(e) DS3 Arrangements

A nonrecurring charge will apply to the DS3 Multiplexer Cross Connect arrangement as specified in RATES III.G.12.

(f) Digital Special Access Arrangements

There are two levels of nonrecurring charges for the installation of a Digital Special Access Line. The "First Digital Special Access Line" charge is assessed per SAL for the first Digital Special Access Line ordered by a customer between two CDLs or a hub wire center. When the same customer requests additional Digital Special Service on the same ASR, to be installed at the same time and between the same CDLs as the "First System" Digital Special Access Line, the lesser charge under "Additional Digital Special Access Line" will apply. In addition to these nonrecurring charges, the appropriate Special Access Ordering charge will apply.

(6) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, as set forth following, or involve an actual physical change to the service. Changes to pending orders are as set forth in the Ordering Options for FIA section of this tariff.

Changes in the type of service will be treated as a discontinuance of the service and an installation of a new service.

Changes in the physical location of the point of termination are treated as moves which are described and charged for as set forth in Rate Regulation Section III.G.4.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(7) IntraLATA Voiceband Special Access Conversion Offering

The Utility will waive all IntraLATA Digital Special Access nonrecurring charges associated with Special Access Lines for customers with existing IntraLATA Voiceband Special Access service who order the conversion to IntraLATA Digital Special Access Service.

- (a) This offering only applies to those customers with existing IntraLATA Voiceband Special Access Service who order the conversion to Digital Special Access Service where facilities and operating conditions permit. The Utility will waive the IntraLATA Digital Special Access Line nonrecurring charges on a one for one basis for each existing IntraLATA Voiceband Special Access circuit being converted to IntraLATA Digital Special Access.
- (b) The customer must agree to retain the Digital Special Access Service for a minimum period of two years from the date the IntraLATA Voiceband Special Access service is converted, IntraLATA to Digital Special Access Service.
- (c) If the customer orders IntraLATA Digital Special Access terminations that exceed the number of IntraLATA Voiceband Special Access circuits being converted to IntraLATA Digital Special Access Service, the applicable nonrecurring charges will apply to those circuits that are in excess of the IntraLATA Voiceband circuits being converted to IntraLATA Digital Special Access Services.
- (d) The customer may make changes to the IntraLATA Digital Special Access Service during the two year minimum period at the applicable tariffed rates and charges.
- (e) The customer cannot disconnect the service before the minimum two year period without incurring a termination liability charge. If at any time during the two year minimum period after installation of IntraLATA Digital Special Access Service, the customer disconnects the service, or the service is disconnected because of failure to comply with the provisions of the Utility's applicable tariffs, the customer will be charged a portion of the nonrecurring charges waived at the time of installation of the, IntraLATA Digital Special Access Service.
- (f) For each month the customer retains the IntraLATA Digital Special Access Service, the termination liability charge will be reduced by 1/24th of the nonrecurring charge in effect at the time the Digital Special Access Service was installed.

Changes in ownership or transfer of responsibility from one to another requires the discontinuance of service and the start of a new service. The Initial Ordering Charge-Special Access and any appropriate Minimum Period Charges will apply per service, per change.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(7) IntraLATA Voiceband Special Access Conversion Offering - Continued

Administrative changes will be made without charges to the customer. Such changes require the continued provision and billing of the Special Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change name, same customer (i.e., the customer of record does not change but rather the customer of record changes its name),
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number,
- Change of agency authorization, and
- Change in jurisdiction involving no physical changes to the service.

All other service rearrangements will be charged for as follows:

- If the change involves the addition of another termination to an existing multipoint service, the Initial Ordering Charge - Special Access will apply plus the installation charge.
- If the change involves the addition of a supplemental feature or multiplexing arrangement, the Subsequent Ordering Charge - Special Access will apply plus the installation charge associated with the supplemental feature or arrangement.
- If the change involves changing the type network interface only, with no change in facility, the Subsequent Ordering Charge - Special Access will apply plus the amount equal to one half of the Installation Charge.
- If the change involves changing a two-wire service to a four-wire service or vice versa, the Subsequent Ordering Charge - Special Access will apply plus the Installation Charge.
- If the change involves the retermination of an existing circuit within the wire center only, in association with the installation of high capacity facilities and/or multiplexing arrangements, the Subsequent Ordering Charge - Special Access will apply plus the amount equal to one half the Installation Charge.
- If the change involves the retermination of an existing circuit within a wire center and a change in the facilities involved (i.e. reroute), in association with the installation of high capacity facilities and/or multiplexing arrangements, the Subsequent Ordering Charge-Special Access will apply plus the Installation Charge.
- In cases where multiple service rearrangements or an additional termination or a move and service rearrangement are requested on a single ASR, the total charge will never exceed the full nonrecurring charge for the basic service.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

d. Special Access Surcharges

(1) General

In addition to the Rates and Charges for the Special Access service, a monthly surcharge applies to all InterLATA Special Access facilities (unless exempted) terminated at a customer's PBX or other devices, that connect the InterLATA Special Access facility with local exchange lines or trunks, irrespective of whether the interconnection capability exists in the customer's premises equipment or in a Centrex CO type switch.

In order for the Utility to determine the application of the surcharge with respect to specific services, the customer must report the intended use of all services when placing an ASR for Special Access. In addition, when ordering High Capacity Digital and FT1 services on a Voiceband equivalent basis, the customer must report the use for each voice equivalent circuit of the high capacity and FT1 services. When any circuit is reported wholly used in any manner described under Special Access Surcharge Exemption, the surcharge will not apply. If the intended use is not reported, the surcharge will apply.

The voiceband equivalency for these type services is as follows:

- High Capacity DS1 equates to 24 Voiceband Facilities
- High Capacity DS1C equates to 48 Voiceband Facilities
- High Capacity DS3 equates to 672 Voiceband Facilities
- High Capacity DS3C equates to 1344 Voiceband Facilities
- Each 56 Kbps or 64 Kbps channel in a FT1 Service equates to one Voiceband Facility

(2) Special Access Surcharge Exemption

The InterLATA Special Access facility will be exempted from the monthly Special Access surcharge if the customer provides the Utility written certification that the intrastate InterLATA Special Access facility termination is one of the following:

- (a) An open-end termination (dial tone end) in a Utility end office of an FX line including CCSA and CCSA equivalent ONALS;
- (b) an analog channel termination that is used for radio or television program transmission;
- (c) a termination of a line used for telex service;
- (d) a termination of a line that by the nature of its operating characteristics could not make use of Utility common lines;
- (e) Any line termination, other than (a) through (d) above, which is subject to: End Office Switching and Switched Transport.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

d. Special Access Surcharges - Continued

(2) Special Access Surcharge Exemption - Continued

(f) a termination that the customer certifies is not connected to a PBX or other device capable of interconnecting the Special Access Service to the local network. If the PBX or other device has been configured either through software programming or physical restrictions not to access the local network, then the customer may file the surcharge exemptions for the Special Access Service terminating on this equipment.

(3) Crediting the Surcharge

If, at any time after installation of a service which is subject to the surcharge, the customer reports that the service is being used consistently with any exceptions listed preceding, the Utility, upon receipt of certification for exemption will credit the customer. Credit will not be given beyond the Utility's receipt date of the exemption certificate.

The Utility reserves the right to audit the use of the service at any time. If the service is found to be used for a type of operation other than that reported by the customer, and a surcharge would apply for that type of operation, the Utility will notify the customer and will begin to apply the surcharge.

e. ICB Rates

The rates for the following offerings will be developed on an Individual Case Basis:

(1) High Capacity Digital (DS2, FT3C)

The rate for the following Multiplexing Arrangements will be developed on an Individual Case Basis:

- (1) DS2 to DS1
- (2) FT3C to DS1
- (3) Group to DS1

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

f. Message Station Equipment Recovery Charges

The Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment that is assigned to Special Access Service.

In accordance with CC 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on November 8, 1984 and released on November 9, 1984, this charge is assessed on those Special Access voiceband equivalent lines subject to the Special Access Surcharge. The rate for the Message Station Equipment Recovery Charge is set forth in the RATES section.

g. Optional Payment Plan (OPP)

(1) General

- (a) The terms and conditions specified herein are applicable to FT1 and DS1 services. Additional terms and conditions for DS1 OPP are set forth in III.G.1.g.
- (b) Only the Special Access Line (SAL) rate element is available under an OPP. All other associated rate elements or additional features are available at the standard month-to-month tariffed rates and regulations.
- (c) FT1 and DS1 OPP SAL rates will not be greater than the standard month-to-month SAL rates.
- (d) Three year and five year OPP rates will be equal to or less than the one year OPP rates. Decreases to the one year OPP will flow through to the three year and five year OPP.
- (e) Payment periods of one year, three year, and five year are available to all customers at the applicable rates set forth in the RATES section regardless of when they subscribe to an OPP arrangement.
- (f) The customer must designate on the ASR the payment period for the OPP.

(2) Termination Liability

See Frontier California Inc. Product Guide, Section 2 for termination liability rules.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access – Continued

G. Rate Regulations – Continued

1. Types of Rates and Charges - Continued

g. Optional Payment Plan (OPP) - Continued

(3) OPP for DS1 Service

- (a) The terms and conditions of this OPP arrangement apply in addition to the above terms and conditions.
- (b) When a customer elects to participate in an OPP arrangement for DS1 service, only the "First System" DS1 SAL rate element is subject to the OPP terms and conditions.
- (c) Ordering and rating of DS1 service under an OPP arrangement is subject to the following conditions:
  - A "First System" DS1 OPP SAL must be assessed at a CDL before any "Additional System" DS1 SALs can be assessed.
  - Under an OPP arrangement, the same customer can order additional DS1 services at any time subsequent to establishing a "First System" DS1 OPP.
  - Under an OPP arrangement, the same customer can order DS1 service from its CDL to different terminating CDLs. The customer will be rated a "First System" DS1 OPP SAL for the first DS1 service at a CDL and the same customer will be rated an "Additional System" DS1 SAL for additional DS1 services at the same CDL. In this arrangement, each DS1 service will be rated based on a "First or Additional System" basis at each CDL.
  - The installation charge associated with DS1 services ordered under an OPP are set forth in the III.G.
  - When DS1 service is ordered between two CDLs and each SAL is rated "First System" DS1 OPP SALs, the same payment will apply to both SALs.
  - When ordering "Additional System" DS1 SALs, the customer will be required to provide remarks on the ASR necessary for the Utility to complete the order. The ASR must specify the same customers "First System" DS1 OPP circuit identification (ECCKT) and access service group (ASG) at each CDL in order for the "Additional System" DS1 SAL rate to apply.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access – Continued

G. Rate Regulations – Continued

1. Types of Rates and Charges - Continued

g. Optional Payment Plan (OPP) - Continued

(3) OPP for DS1 Service - Continued

- (d) Should it become necessary for the customer to convert an "Additional System" DS1 SAL existing under an OPP arrangement to a "First System DS1 OPP SAL to meet the rating requirement, the following ordering conditions and charges will apply. Credit will not be given for the time in service associated with the discontinued "First System" DS1 OPP SAL(s).
- The Subsequent Ordering Charge - Special Access will apply for the required change order ASR when the conversion is to a "First System" DS1 OPP period equal to or greater than the discontinued DS1 OPP period and remains connected at the same CDL.
  - A discontinuance of service ASR and establishment of new service ASR will be required to convert the "Additional System" DS1 SAL to a "First System" DS1 OPP SAL. The Initial Ordering Charge-Special Access will apply when the conversion is to a "First System" DS1 OPP period that is less than the discontinued DS1 OPP period and remains connected at the same CDL.
  - Both ends of the converted DS1 circuit must have the same payment period; however, termination liability charges will not apply to convert existing SALs.
- (e) Upon expiration of an OPP, should the customer choose to convert to standard month-to-month rates, existing "Additional System" DS1 SALs under the customer's OPP arrangement must also be converted to comply with the rules and regulations set forth in III.G.1.g.(3). The customer will be required to submit ASRs to disconnect existing service and establish new service. If no other changes are ordered only the Initial Ordering Charge-Special Access will apply per required ASR for the conversion. The ordering and installation of further "Additional System" DS1 service will be subject to the standard month-to-month arrangement.
- (f) For conversion of existing standard month-to-month DS1 service(s) to an OPP arrangement, the customer will be required to submit a change order ASR to convert to the OPP. No service or billing interruption will occur when a customer converts from standard month-to-month rates to an OPP. If no other changes to the service(s) are ordered, only the Subsequent Ordering Charge-Special Access will apply per required ASR.
- (g) The Utility will only initiate revisions to the rates in III.RATE.D.6. to reduce the currently effective monthly recurring charge. Rate changes may occur as a result of Commission action.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

h. Metro Ethernet Special Transport

(1) Description

Metro Ethernet Special Transport (Metro Ethernet) provides DS1 transport between two or more serving wire centers designated as Metro Ethernet offices. Metro Ethernet transport is provided at a flat-rate per month charge per DS1 Special Access transport facility, regardless of the number of miles the circuit is routed.

(2) Conversion of Existing DS1 Transport

Current DS1 Special Access transport can be replaced by Metro Ethernet. Where access to Metro Ethernet is made via a multiplexing arrangement in a central office on the Metro Ethernet (i.e., DS3 to DS1, or Voiceband to DS1), then the Metro Ethernet Month-to-Month rate will apply.

(3) Discontinuance of Service

If a Month-to-Month DS1 SAL is discontinued, DS1 transport for the Metro Ethernet transport portion of the circuit is also discontinued.

Metro Ethernet transport may be converted to standard DS1 special transport rates (i.e., per airline mile) at any time at no charge.

(4) Continuation of Service Off the Metro Ethernet

Metro Ethernet DS1 circuits can be routed any distance on a designated Metro Ethernet. When the DS1 circuit leaves the Metro Ethernet for continuation on the network, normal tariff rates will be assessed for the portion of the route not on the Metro Ethernet.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

h. Metro Ethernet Special Transport - Continued

(5) Service Availability

Metro Ethernet DS1 transport is available to all DS1 customers in the Utility serving areas in which Metro Ethernet s have been designated. Service is provided between serving wire centers located on the same Metro Ethernet within the following metropolitan serving areas:

Metropolitan Serving Area

- Bellflower/Whittier
- Coachella Valley
- Covina
- Lakewood/Long Beach/Westminster
- Ontario
- San Bernardino/Victorville
- Santa Barbara
- Santa Maria/Lompoc
- Santa Monica
- Thousand Oaks
- Tri Valley
- West Los Angeles
- Victorville

i. High Capacity Digital DS3

- (1) DS3 Special Access Lines (SALs) are provided as an Individual Line DS3 or Three System DS3. DS3 Special Access Lines (SALs) are provided as a system offering. The interface provided is electrical. Additional SALs may only be added with the same interface as the first line. All DS3 SALs are non-distance sensitive.

Under the Three System DS3, additional DS3 SALs, up to a maximum of two, may be ordered by the same customer, between the same CDL and serving wire center, as long as a first line DS3 is existing or is ordered at the same time that an additional line DS3 is ordered.

High Capacity DS3 service is available where technically feasible. The minimum DS3 service allowed is one line. When a customer requests a disconnect of a Three System DS3 service, all additional line DS3s must be disconnected prior to the first line DS3 disconnect.

- (2) Termination Liability

See Frontier California Inc. Product Guide, Section 2 for termination liability rules.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

2. Minimum Periods

Special Access is provided for a specified minimum period. The minimum period and the applicable charges for that period are described in the Ordering Options for FIA Section.

The minimum period for part-time or occasional video and program audio<sup>1</sup> Special Access is one day

3. Mileage Measurement

The mileage to be used to determine the monthly rate for the Special Transport Facility is calculated on the airline distance between the serving wire centers involved (i.e., customer designated location serving wire center or Hub Wire Center or WATS Serving office). When the calculated miles include a fraction, the value is always rounded up to the next full mile. Where the calculated value is zero, no Special Transport Facility mileage is charged.

Mileage associated with jointly provided facilities are calculated as set forth under Pacific Bell's Schedule Cal. P.U.C. No. 175-T.

When there is a Hub Wire Center involved, the Special Transport Facility mileage will be measured from the Hub Wire Center to the serving wire centers of each of the CDL's connected to the hubbed facilities. Mileage is computed for each section and rates are applied accordingly. However, when a Special Access facility is routed through a Hub Wire Center for purposes other than customer specified bridging or multiplexing (i.e., the Utility chooses to so route for test access purposes), rates will be applied only to the distance calculated between the wire centers serving the CDLs.

The rates for mileage are applied per airline mile. The serving wire center V&H coordinates and the method of calculation are specified in Pacific Bell's Schedule Cal. P.U.C. No. 175T.

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

4. Moves

A move involves a change in the physical location of a CDL. The charge for the move depends on whether the move is within the same premises and building or to a different building or premises.

a. Same CDL

When the move is to a new point within the same CDL, the charge for the move will be a Subsequent Ordering Charge -Special Access, plus an amount equal to one half the Service Installation Charge for the service terminations affected. There will be no change in the minimum period requirements.

b. Different CDL

When the move is to a different CDL it will be treated as a disconnect and an installation of service. The Initial Ordering Charge - Special Access will apply, plus the Service Installation Charge for the service terminations affected. A new minimum period will be established for the installed Special Access Service. The customer will remain responsible for all remaining minimum period charges associated with the disconnected Special Access Service.

When the move is to a different CDL but served by the same serving wire center, the following conditions apply:

- A change ASR will be required.
- The appropriate service installation charge for the service termination(s) affected will apply.
- For Special Access service subject to payment plan regulations, if the customer of record remains the same with no lapse in service, the appropriate NRCs for changes will apply. Otherwise, the move will be treated as a disconnect and an installation of service and all appropriate NRCs and full assessment of the remaining liabilities will be applicable.

A move normally involves an interruption of Special Access for the period required to complete the move. No credit allowance will be granted for that period.

A customer may request that Special Access not be interrupted during a move. To comply with that request, it may be necessary to install a duplicate Special Access, and subsequently discontinue the existing Special Access. Monthly and full nonrecurring charges will apply for the duplicate Special Access. A new minimum period will be established for the duplicate portion of the Special Access, depending on which end of the Special Access is moved. The customer will also remain responsible for all remaining minimum period charges associated with the corresponding portion of the disconnected Special Access.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

5. Hub Wire Centers

A Hub Wire Center is a Utility designated serving wire center at which bridging or multiplexing arrangements are provided. Bridging is used to connect three or more CDLs in a multi-point arrangement. The multiplexing arrangements channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth. Although Hub Wire Centers are defined as serving wire centers at which bridging or multiplexing arrangements are performed, they are not limited to providing these functions and may provide any other types of Special Access services offered in this tariff.

The Utility will designate the Hub Wire Center locations. Different locations may be designated as Hub Wire Centers for different functions such as bridging or multiplexing arrangements, for different facility capacities (e.g., multiplexing from digital to analog may occur at a different wire center). The location of Hub Wire Centers, and the types of hubbing functions offered at that location, are identified in the Product Guide.

Some of the types of multiplexing provided include the following:

- a. From higher to lower bit rate.
- b. From higher to lower bandwidth.
- c. From digital to voice grade service.

The transmission performance for the end-to-end Special Access provided from customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps Special Access is multiplexed to voice frequency circuits, the transmission performance will be voiceband, not high capacity.

The Utility will commence billing the monthly rate for the Special Access Line and Special Transport or Special Access Cross Connect charge for EIS arrangements, for the high capacity facility to the Hub wire center as of the service date, even though individual services utilizing those facilities may not be installed until a later date. If the customer has designated the type of multiplexing to be provided with the high capacity facility, the nonrecurring charge for the multiplexing arrangement will be billed to the customer at the same time and the billing for the monthly rate will begin.

Individual Special Access rates (by Special Access type) will apply for the Special Access Line and additional Special Transport facilities (if required) for each channelized Special Access. These will be billed to the customer as each individual Special Access is installed.

Continued



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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

6. Shared Use Analog and Digital High Capacity FIA

Monthly charges for a DS1 or DS3 high capacity shared used facility will be apportioned between Switched and Special Access based on the relative proportion of channels used for switched and special access in the following manner.

If the facility is ordered as Special Access, rating as Special Access will continue until such time as a portion of the available capacity is used to provide Switched Access service. As individual channels are activated for Switched Access, monthly charges will be apportioned between Switched and Special Access based on the number of channels used for Switched Access and the number of remaining channels on the Special Access facility according to the following formula:

- The total shared use charge is equal to the Monthly Switched Access Charge times the number of channels used for Switched Access divided by 24 for DS1 or 672 for DS3 plus the monthly Special Access Charge times the number of channels remaining for Special Access divided by 24 for DS1 or 672 for DS3.

If the facility is ordered as Switched Access, rating as Switched Access will continue until such time as a portion of the available capacity is used to provide Special Access service. As individual channels are activated for Special Access, monthly charges will be apportioned between Switched and Special Access based on the number of channels used for Special Access and the number of remaining channels on the Switched Access Facility according to the following formula:

- The total shared use charge is equal to the Monthly Special Access Charge times the number of channels used for Special Access divided by 24 for DS1 or 672 for DS3 plus the monthly Switched Access Charge times the number of channels remaining for Switched Access divided by 24 for DS1 or 672 for DS3.

The monthly Switched and Special Access rate used will be the appropriate rate (Special Access SAL, Transport and/or Multiplexer and Switched Access Entrance Facility, Direct-Trunked Transport and/or Multiplexer) for the underlying shared use facility, i.e., if the underlying facility is a Special Access DS3 service, the corresponding Switched Access DS3 Transport will be used to determine the Switched Access monthly charges.

Shared use of Special Access Fractional T1 (FT1), Expanded Interconnection Service and Special Access Cross Connect Arrangements is available.

7. Custom Calling Service

Where facilities and conditions permit, custom calling service may be arranged to work with bi-directional special access lines. When used in conjunction with a Switching Interface Custom Calling service will be administered and provisioned as set forth in the Product Guide

8. Remote Call Forwarding (RCF)

RCF may be arranged to forward calls to an 800 Service where facilities and conditions permit. The rates and charges for the 800 service will be as set forth in the appropriate tariff dependent upon the capability of the service. RCF service will be administered and provisioned as set forth in the Product Guide.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access

RATES

	<u>NRC</u>
A. <u>Installation</u>	
1. Service Installation Charge Per Special Access Line	\$264.87
2. First Premium Digital Special Access Line Installed *	650.00
3. Each Additional Premium Digital Special Access Line Installed #*	476.48
4. First Basic Digital Special Access Line Installed *	650.00
5. Each Additional Basic Digital Special Access Line Installed #*	300.00
B. <u>Special Access Ordering Charges</u>	
1. Initial Ordering Charge - Special Access	81.39
2. Subsequent Ordering Charge - Special Access	79.82
C. <u>Design Change Charge</u>	
Per ASR/Per Occurrence	18.52

\* Not applicable to High Capacity Digital (DS1) Service.

# Applies when installed at the same time and between the same CDL as the First Digital Special Access Line.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

B. Special Transport Facility

1. Mileage is measured between wire centers serving customer designated premises or a customer designated premises wire center and a Hub wire center.

	<u>Monthly Rate</u>	<u>Daily Rate</u>
2. Per channel per airline mile		
a. Two-wire voiceband	\$2.96	-
b. Four-wire voiceband	2.96	-
c. Program Audio <sup>1</sup> 200-3500 Hz	11.00	\$1.10
d. Program Audio <sup>1</sup> 100-5000 Hz	11.00	1.10
e. Program Audio <sup>1</sup> 50-8000 Hz	21.87	1.10
f. Program Audio <sup>1</sup> 50-15000 Hz	11.00	1.10
g. 19.2 kbps	*	-
h. 50 kbps	*	-
i. 230.4 kbps	*	-
j. 56 kbps	*	-

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

B. Special Transport Facility - Continued

2. Per channel per airline mile - Continued	<u>Monthly Rate Per Airline Mile</u>
k. High Capacity Digital DS1 (1.544 Mbps)	\$32.38
l. High Capacity Digital DS3 (44.736 Mbps)	20.00
m. Premium Digital Special Access Service	
(1) 2.4 kbps	3.22
(2) 4.8 kbps	3.22
(3) 9.6 kbps	3.22
(4) 56 Kbps	3.34
n. Basic Digital Special Access Service	
(1) 2.4 kbps	3.22
(2) 4.8 kbps	3.22
(3) 9.6 kbps	3.22
(4) 19.2 Kbps	3.22
(5) 56 Kbps	3.34
o. High Capacity Digital FT1 Facilities	
(1) Standard Arrangement	
a. 2 x 56 Kbps or 2 x 64 Kbps	5.50
b. 4 x 56 Kbps or 4 x 64 Kbps	6.50
c. 6 x 56 Kbps or 6 x 64 Kbps	7.50
	<u>Monthly Rate</u>
p. Metro Ethernet -Special Transport - Per DS1	\$75.00

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>Monthly Rate</u>
C. <u>Special Transport Termination</u>	
1. High Capacity Digital DS1 - (1.544 Mbps)	\$50.00
2. High Capacity Digital DS3 - (44.736 Mbps)	175.00
3. High Capacity Digital FT1 Facilities	
(a) Standard Arrangement	
(1) 2 x 56 Kbps or 2 x 64 Kbps	12.00
(2) 4 x 56 Kbps or 4 x 64 Kbps	19.65
(3) 6 x 56 Kbps or 6 x 64 Kbps	29.45
4. Digital Special Access Service	
(a) Premium - 2.4, 4.8, 9.6 Kbps	25.00
(b) Premium - 56 Kbps	25.00
(c) Basic - 2.4, 4.8, 9.6, 19.2 Kbps	20.00
(d) Basic - 56 Kbps	20.00
5. Voiceband	
Two-wire/Four-wire	14.95

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES – Continued

		<u>Monthly Rate</u>	<u>Daily Rate</u>
C. <u>Special Transport Termination</u> - Continued			
6. Program Audio <sup>1</sup>			
(a) 200-3500		\$89.00	\$8.90
(b) 100-5000 Hz		89.00	8.90
(c) 50-8000 Hz		89.00	8.90
(d) 50-15000 Hz		89.00	8.90
D. <u>Special Access Line</u>			
1. Two-wire, each line			
(a) For use with voiceband facilities		21.36	
2. Four-wire, each line			
(a) For use with voiceband facilities		40.05	
(b) Digital Special Access Service			
(1) Premium - 2.4, 4.8, 9.6 kbps		55.00	
(2) Premium - 56 kbps		68.00	
(3) Basic - 2.4, 4.8, 9.6, 19.2 kbps		47.00	
(4) Basic - 56 kbps		52.00	
	<u>NRC</u>		
3. Program Audio <sup>1</sup>			
(a) 200-3500 Hz	-	\$31.00	\$3.10
(b) 100-5000 Hz	-	31.00	3.10
(c) 50-8000 Hz	-	31.00	3.10
(d) 50-15000 Hz	-	31.00	3.10

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

D. Special Access Line - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
4. High Capacity Digital DS1, (1.544 Mbps)		
a. First System		
(1) InterLATA		
(a) End User Location	\$1,022.59	\$270.00
(b) IC POP Location	1,022.59	
Each .15 facility mile or fraction thereof, up to and including .675 facility mile.		69.33
Over .675 facility mile.		270.00
(2) IntraLATA @		
(a) End User Location	1,022.59	270.00
(b) IC POP Location,	1,022.59	
Each .15 facility mile or fraction thereof, up to and including .675 facility mile.		69.33
Over .675 facility mile.		270.00

Continued

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FACILITIES FOR INTRASTATE ACCESS

Special Access - Continued

RATES - Continued

D. Special Access Line - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
4. High Capacity Digital DS1, - Continued (1.544 Mbps)		
b. Each Additional System		
(1) InterLATA		
(a) End User Location	\$177.87	\$160.00
(b) IC POP Location,	177.87	
Each .15 facility mile or fraction thereof, up to and including .675 facility mile.		69.33
Over .675 facility mile.		160.00
(2) IntraLATA		
(a) End User Location	177.87	160.00
(b) IC POP Location,	177.87	
Each .15 facility mile or fraction thereof, up to and including .675 facility mile.		69.33
Over .675 facility mile.		160.00

Continued



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FACILITIES FOR INTRASTATE ACCESS

Access - Continued

RATES - Continued

D. Special Access Line - Continued

5. High Capacity Digital DS1,  
(1.544 Mbps) - Optional Payment Plan

	<u>NRC</u>	<u>Monthly Rate</u>
a. First System SAL		
(1) InterLATA		
(a) One Year Plan	--	\$270.00
(b) Three Year Plan	--	243.00
(c) Five Year Plan	--	216.00
(2) IntraLATA		
(a) One Year Plan	--	270.00
(b) Three Year Plan	--	243.00
(c) Five Year Plan	--	216.00

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
D. <u>Special Access Line</u> - Continued		
6. High Capacity Digital FT1 Facilities		
a. Standard Arrangement		
(1) 2 x 56 Kbps or 2 x 64 Kbps	\$450.00	\$106.20
(2) 4 x 56 Kbps or 4 x 64 Kbps	450.00	113.95
(3) 6 x 56 Kbps or 6 x 64 Kbps	450.00	121.65
b. High Capacity Digital FT1 Optional Payment Plan		
(1) 2 x 56 Kbps or 2 x 64 Kbps		
(a) One Year Monthly	--	106.20
(b) Three Year Monthly	--	106.20
c. Five Year Monthly		
(1) 4 x 56 Kbps or 4 x 64 Kbps		
(a) One Year Monthly	--	113.95
(b) Three Year Monthly	--	113.95
(c) Five Year Monthly	--	113.95
(2) 6 x 56 Kbps or 6 x 64 Kbps		
(a) One Year Monthly	--	121.65
(b) Three Year Monthly	--	121.65
(c) Five Year Monthly	--	121.65

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
D. <u>Special Access Line</u> - Continued		
7. High Capacity Digital DS3 (44.736 Mbps)		
a. Individual Line		
1 Year Term	--	\$1,500.00
3 Year Term	--	1,375.00
5 Year Term	--	1,275.00
b. Three System - First Line		
1 Year Term	--	1,750.00
3 Year Term	--	1,650.00
5 Year Term	--	1,550.00
c. Three System - Additional Line <sup>1</sup>		
1 Year Term	--	1,100.00
3 Year Term	--	700.00
5 Year Term	--	500.00
E. Miscellaneous Special Access Services		
1. Clear Channel Capability	\$94.91	25.00

<sup>1</sup> Maximum of two additional lines.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>NRC</u>	<u>Monthly Rate</u>	
F. <u>Supplemental Features</u>			
1. Bridging			
a. Voiceband facilities			
(1) Voice Conference Bridging	\$164.62	\$12.38	
(2) Multipoint Data Bridging	270.00	14.42	
b. Alarm Distribution Bridging			
(1) Common Equipment	312.75	27.50	
(2) Per each four Two-wire port	489.55	12.53	
c. Program Audio Bridging <sup>1</sup> 200-3500Hz, 100-5000Hz, 50-8000Hz, 50-15000Hz	151.28	10.02	<u>Daily Rate</u> \$1.00
d. InterLATA Premium Digital Special Access Bridging  2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 56 Kbps	861.68	79.65	
e. InterLATA Basic Digital Special Access Bridging 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps, 56 Kbps	15.00	6.00	
f. IntraLATA Premium Digital Special Access Bridging 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 56 Kbps	861.68	79.65	
g. IntraLATA Basic Digital Special Access Bridging 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps, 56 Kbps	15.11	6.00	

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>NRC</u>	<u>Monthly Rate</u>	
F. <u>Supplemental Features</u> - Continued			
2. Conditioning Arrangements - Data			
a. Type C, per SAL	\$124.40	\$2.72	
b. Type C-Improved, per SAL	396.56	67.16	
(1) Improved Attenuation Distortion			
(2) Improved Envelope Delay			
(3) Combination of 1) and 2)			
c. Type DA, per SAL	172.11	3.76	
3. Conditioning Arrangements - Program Audio <sup>1</sup>			<u>Daily Rate</u>
a. Stereo (50-15000) Hz	202.08	4.41	\$.44
b. Zero Loss	787.34	17.92	1.79
200-3500 Hz			
100-5000 Hz			
50-8000 Hz			
50-15000 Hz			

<sup>1</sup> Effective December 19, 2013, Program Audio Service is no longer available for purchase. Existing customers of record may retain this service at existing locations in accordance with the terms and conditions described herein. Service is not offered for new installations, moves, changes, or additions.

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
F. <u>Supplemental Features</u> - Continued		
4. Signaling Arrangements		
a. Loop Signaling Range Extension, per SAL	\$411.58	\$13.61
b. Loop or E&M to SF, per SAL	100.25	11.55
c. E&M to DX, per SAL	113.54	7.91
d. E&M to Loop, per SAL	101.83	20.37
e. Loop or E&M to PCM, per SAL	36.32	3.61
f. Automatic Ringdown, per SAL	108.32	10.22
5. Echo Cancellor, per circuit	240.73	17.15
6. Voiceband Facility Switching Arrangement	378.81	14.20
7. High Capacity Digital DS1 (1.544 Mbps) Facilities		
Automatic Protection Switching	778.33	140.91

Continued

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
F. <u>Supplemental Features</u> - Continued		
8. Digital Special Access Service		
Secondary Channel Premium and Basic, per SAL	\$64.14	\$9.00
133 bps for the 2.4 Kbps		
266 bps for the 4.8 Kbps		
533 bps for the 9.8 Kbps		
1066 bps for the 19.2 Kbps #		
2666 bps for the 56 Kbps		
9. Improved Return Loss, per SAL	87.20	20.37
10. Improved Termination Option, per SAL	87.20	--
11. Improved Equal Level Echo Path Loss, per SAL	87.20	98.00

# Is not offered with Premium Digital Special Access Service.

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
G. <u>Multiplexing Arrangements</u>		
1. Voice to Narrowband Arrangement <sup>1</sup>	\$4,683.26	\$205.21
2. Group to Voice	2	2
3. Supergroup to Group	2	2
4. Mastergroup to Supergroup	2	2
5. DS1 to Voice	893.11	240.00
6. DS3 to DS1	--	625.00
7. DS3C to DS1	2	2
8. Group to DS1	2	2
9. Digital Data Carrier Multiplexer		
a. Common Equipment	1,523.74	302.81
b. Each 64 Kbps port equipped	--	11.03
10. Digital Data Subrate Multiplexer		
a. One 64 kbps to twenty 2.4 kbps	966.29	125.95
b. One 64 kbps to ten 4.8 kbps	931.39	124.39
c. One 64 kbps to five 9.6 kbps	747.03	120.08
11. Digital Data Office Channel Unit		
a. 2.4 kbps	332.36	14.77
b. 4.8 kbps	332.36	14.77
c. 9.6 kbps	332.36	16.36
d. 56 kbps	1,365.65	20.01
12. DS3 Multiplexer Cross Connect Arrangement, per arrangement	70.00	--
H. <u>Special Access Surcharge</u>		25.00
I. <u>Message Station Equipment Recovery Charge</u>		9.22

<sup>1</sup> Obsolete offering limited to those circuits so equipped in service as of January 1, 1995.

<sup>2</sup> Rates based on individual case basis.

Continued



FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

J. Individual Case Basis (ICB)

<u>Customer Name</u> <u>Effective Date</u>	<u>Description</u> <u>and Location</u>	<u>Monthly Rate/NRC</u> <u>MRC</u>	
1. MCI 9/1/88	(1) DS3 Fiber link from Frontier Central Office at WHTRCAXF to Point of Connection with Pacific Bell near ALHBCA01.	NRC: \$4,846.00	
		MRC: 3,872.68	
		<u>NRC</u>	<u>MRC</u>
2. RIVERSIDE COUNTY 7/30/91	Advanced Digital Network Access		
	a. Channel Termination, Fixed Speed 56.0 Kbps, each	\$620.00	\$50.05
	b. Channel Mileage, Fixed Speed 56.0 Kbps, each mile	-	6.00
3. Data Line Service Company 11/19/91	Advanced Digital Network Access		
	a. Channel Termination, Fixed Speed 56.0 Kbps, each	\$620.00	\$50.05
	b. Channel Mileage, Fixed Speed  56.0 Kbps, each mile	-	6.00

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FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

J. Individual Case Basis (ICB) - Continued

<u>Customer Name</u> <u>Effective Date</u>	<u>Description</u> <u>and Location</u>		<u>MR, NRC</u> <u>and BTL</u>
4.			
a. Blue Cross of California	Customer Network service inter-connecting Blue Cross locations at Westlake and Newbury Park with Pacific Bell at Canoga Park and MCI at Thousand Oaks.	NRC:	\$12,581.00
		MR:	3,099.00
		BTL:	39,255.00
b. MCI	Fiber facility connecting MCI Thousand Oaks with the Blue Cross custom network service.	NRC:	\$16,369.00
		MR:	4,028.00
		BTL:	0.00

K. Special Access Cross Connect

	<u>Monthly Rate</u>
a. DS0	\$0.99
b. DS1	3.77
c. DS3	33.21

L. Discounted Special Access for Qualifying Entities

See the Product Guide, Section 35 for qualifying entities and applicable California Teleconnect Fund Program discounts.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services

A. Additional Labor

Additional Labor is that labor requested by the customer on a given FIA and agreed to by the Utility as set forth following. The Utility will notify the customer that Additional Labor charges will apply before any additional labor is undertaken. Additional Labor charges will also apply if the requirement for additional labor is the fault of the customer or parties on whose behalf it acts.

1. Overtime Installation

Overtime installation is that Utility installation effort outside the business day. Overtime rates will apply anytime outside the business day and all day Saturday. Premium time rates will apply all day Sunday and on all Utility approved holidays.

2. Overtime Repair

Overtime repair is that Utility maintenance effort performed outside the business day. Overtime rates will apply anytime outside the business day and all day Saturday. Premium time rates will apply all day Sunday and on all Utility approved holidays.

3. Additional Installation Testing

Additional installation testing is that testing performed by the Utility at the time of installation which is in addition to normal pre-service and acceptance testing.

4. Standby

Standby includes all time in excess of one-half (1/2) hour during which Utility personnel are available to make coordinated tests on a given FIA.

The standby charge applies only when Utility personnel must wait more than 30 minutes beyond a prearranged, mutually agreed upon appointment time. Standby charges will cease when testing begins, or when Utility personnel are released from the standby requirement, or when testing is rescheduled for a later date or time. Charges will not be applicable if Utility personnel cause the delay.

5. Testing and Maintenance with Other Telephone Companies

Additional testing, maintenance or repair of facilities which connect to facilities of other telephone companies, which is in addition to normal effort required to test, maintain, or repair facilities provided solely by the Utility.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

B. Maintenance of Service Charge

1. When a customer reports trouble to the Utility for clearance, the customer shall be responsible for payment of a Maintenance of Service Charge when Utility personnel are dispatched to the customer's location and no trouble is found in the Utility's facilities. Failure of Utility personnel to find trouble in Utility facilities will result in no charge if the trouble is actually in those facilities but not discovered at the time.

In this case or in 2. following, no credit allowance will be applicable for the interruption involved, unless the trouble is found in the Utility's facilities.

2. The customer shall be responsible for payment of a Maintenance of Service Charge when the Utility dispatches personnel to the customer's location and the trouble is in equipment or communications systems provided by other than the Utility or in detariffed Customer Provided Equipment (CPE) provided by the Utility.
3. The Maintenance of Service Charge will apply to the time the Utility personnel actually performs the investigation and will not include actual time required to reach customer's location. The labor charge as set forth in the RATES section for Additional Labor will apply to Maintenance of Service at the appropriate Basic, Overtime or Premium Rate. These charges apply whether the trouble is in the equipment or communications systems provided by other than the Utility, or in detariffed CPE provided by the Utility.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

C. Telecommunications Service Priority (TSP) System

1. Description of the Service

The TSP System is a service that provides for the priority provisioning and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services. The TSP system applies only to NSEP services, includes both Switched and Special FIA and provides the Utility with a guide to the sequence in which services are to be provisioned and/or restored.

The Utility currently has Special Access circuits classified as RP (Restoration Priority). These facilities were offered under part 64.401, Subpart D, Appendix A of the FCC Rules and Regulations prior to the revisions released November 17, 1988 under GEN. Docket No. 87-505 (FCC 88-341). These facilities will maintain their RP designation and priority treatment until either converted by the customer to the TSP system, or March 10, 1993, whichever occurs first.

All FIA that can be identified by a unique circuit identifier, can be provisioned for NSEP service by the Utility.

The rates and charges associated with a customer subscribing to the TSP System are as specified in this section under RATES.

2. Obtaining TSP System Service

The Executive Office of the President, through the TSP Program Office, is empowered with the authority to receive, evaluate and process requests for NSEP services. The TSP Program Office makes the priority level assignments and issues the TSP authorization code reflecting the priority assignment associated with a request. The customer provides the TSP authorization code, in addition to all the other details necessary to complete the order (ASR), to the Utility to obtain TSP System Service.

The TSP authorization code, assigned on a per ASR basis, consists of a 12-character field, a nine-character control ID followed by a dash and a two-character field specifying the priority level assignment. Its structure is as follows:

TSPxxxxxn-yy

The "x"s represent a sequence of numbers unique to each TSP authorization code and the "n" is a one character alphanumeric check digit. The first "y" contains the provisioning priority level assignment and the second "y" contains the restoration priority level assignment.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

C. Telecommunications Service Priority (TSP) System - Continued

3. Provisioning Priority

If the customer requires service within a shorter time interval than the Utility can provide, and the requested service qualifies for NSEP, the customer may elect to invoke NSEP treatment and obtain the appropriate provisioning priority assignment from the TSP Program Office. Provisioning Priority is set forth in more detail under tariff Schedule the Product Guide, Telecommunications Service Priority System.

There are two basic levels of Provisioning Priority, Emergency (priority "E") and Essential (priority 1, 2, 3, 4 or 5).

a. Emergency Provisioning

The Utility will take immediate action to provide the requested service at the earliest possible date

b. Essential Provisioning

The Utility will adjust its available resources to meet the customer's requested due date. The rates and charges will apply as set forth in this section under Additional Labor. To calculate the Additional Labor charges, the Utility will keep track of the additional labor hours used to meet the request of the customer and bill the customer at the applicable Additional Labor charges.

The rates and charges to establish TSP service associated with services obtained from this schedule are set forth in this section under RATES.

4. Restoration Priority

By obtaining a TSP authorization code for restoration priority, the service is classified among the nation's most important NSEP telecommunication services. The Utility will restore these services before service without restoration priority assignments, in the order of priority assignments. Restoration Priority is set forth in more detail under tariff the Product Guide, Telecommunications Service Priority System. The rates and charges for Restoration Priority associated with services obtained from this Schedule are set forth in this section under RATES.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

C. Telecommunications Service Priority (TSP) System - Continued

5. Obligations of the Customer

- a. In all instances, the customer is responsible for obtaining the appropriate TSP authorization code and providing that code to the Utility.
- b. The TSP System service customer must also be the customer for the FIA with which TSP service is associated. Only the customer or its authorized agent as indicated in a letter of agency on file with the Utility is allowed to order TSP System service.
- c. All points of a multipoint service configuration must have the same restoration priority assignment and must satisfy the requirements of that assignment.
- d. In obtaining TSP System service, the customer consents to the release of certain information by the Utility to the federal government in order to maintain and administer the TSP System. Such information includes: the customer's name, telephone number and mailing address, the TSP authorization code and the circuit or service ID number associated with the NSEP service.
- e. The Utility will attempt to notify the customer of expected charges. The customer, when invoking NSEP treatment, recognizes that quoting charges and obtaining permission beforehand may not be practicable and may cause unnecessary delays and, as a result, grants the Utility the right to quote and bill charges after provisioning of the service.
- f. During certain emergencies, the customer may request TSP assignments verbally and the Utility will accept such verbal notification. The customer must submit a written order (ASR) to the Utility within two working days following the verbal request. If written order (ASR) is not received within two working days, all applicable rates and charges accumulated to date to provision TSP System service become immediately due and payable and the requested TSP priority is revoked.
- g. The customer must request and justify revalidation of all priority level assignments at least every three years.
- h. Additionally, the NCS Manual 3-1-1, "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual", dated July 9, 1990, prescribes specific conditions which warrant NSEP Treatment and related procedures.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

C. Telecommunications Service Priority (TSP) System - Continued

6. Obligations of the Utility

- a. The Utility will allocate resources to ensure best efforts to provide NSEP services by the time required.
- b. The Utility will work TSP services in the order of their priority level assignments. The priority sequence is as follows:
  - Restore NSEP services assigned restoration priority 1
  - Provision Emergency (E) NSEP services
  - Restore NSEP services assigned restoration priority 2, 3, 4, or 5
  - Provision NSEP services assigned provisioning priority 1, 2, 3, 4, or 5.
- c. The Utility will work cooperatively with other providers of NSEP service when only a portion is provided by the Utility to ensure "end-to-end" service.
- d. Additionally, TSP System service will be provided in accordance with the guidelines set forth in NCS Handbook 3-1-2, "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" dated July 9, 1990.

D. Additional Testing

The Utility will perform acceptance testing to insure that FIA ordered by the customer are functioning properly, prior to turning over such FIA to the customer. In addition, the Utility will perform ongoing tests to assure the continued satisfactory performance of Switched Access Services ordered by the customer.

Testing offered under this section of the tariff is in addition to those tests described above and will be provided, when requested by the customer, at an additional charge.

Testing is provided by Utility personnel at Utility locations. However, a customer may request Utility personnel to perform testing at the customer designated location or the end user premises.

Additional testing is provided on a schedule or nonscheduled basis.

Scheduled testing shall be performed on a predetermined time basis to allow for cost efficient utilization of Utility and customer resources. Scheduled testing should be based on a one year period. Nonscheduled tests are performed by the Utility on a request-by-request basis, not in conjunction with any fixed schedule.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

D. Additional Testing - Continued

The offering of testing under this section of the tariff is made subject to the availability of the necessary qualified personnel and test equipment at the various test locations.

1. Switched Access Testing

Testing for Switched Access is comprised of (1) tests which are performed during the installation of Switched Access (i.e., acceptance tests), and (2) tests which are performed after acceptance of such Switched Access by a customer (i.e., in-service tests).

These tests are performed on a scheduled or nonscheduled basis, and may be conducted on an automatic, cooperative, or manual basis, as defined following.

a. Additional Cooperative Acceptance Testing (ACAT)

ACAT of Switched Access involves the Utility provision of a technician at its office(s) and the customer provision of a technician at its CDL, with suitable test equipment to perform the required tests.

Additional Cooperative Acceptance Testing may apply when the customer requests additional tests not specified for installation and acceptance testing of Switched Access.

Labor charges at the appropriate Basic, Overtime or Premium rate as set forth in the RATES Section apply.

b. Automatic Scheduled Testing (AST)

AST of FGB, C, and D, is provided where the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent. AST charges will apply when such testing is requested on a more frequent basis than is provided for in accordance with the Utility's Central Office Maintenance Planning System (COMPS).

The customer may specify a more frequent schedule of tests at least 60 days prior to the start of the prescribed schedule. Trunks from a Utility digital switch, to a customer digital switch, utilizing digital facilities, are excluded from mandatory routine testing.

The Utility will provide a monthly AST report that lists the trunks within each Central Office access group that failed to meet established requirements. Trunk test failures requiring customer participation for trouble resolution will be provided on an as-occurs basis. A monthly report that lists the test results will be provided to the customer.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

D. Additional Testing - Continued

1. Switched Access Testing - Continued

c. Additional Cooperative Scheduled Testing (ACST)

ACST of FGA, B, C and D occurs when the Utility provides a technician at its office(s) and the customer provides a technician at its CDL, with suitable test equipment to perform the required tests. ACST charges will apply when loss/noise/ balance testing or gain slope testing is requested on a more frequent basis than is provided for in accordance with COMPS. ACST charges also apply when additional tests are requested for FGA, B, C or D that are not specified in the Switched Access Section of this tariff. The customer may specify a more frequent schedule of tests 60 days prior to the start of the customer prescribed schedule.

The Utility will provide, on a quarterly basis, an ACST report that lists the test results and the number of trunks that passed or failed. Trunk test failures requiring customer participation for trouble resolution will be provided on an as-occurs basis.

d. Additional Manual Scheduled Testing (AMST)

AMST of FGA, B, C or D occurs when the Utility provides a technician at its office(s) and at the customer designated location. AMST charges will apply when loss/noise/balance testing or gain-slope testing is requested on a more frequent basis than is provided for in accordance with COMPS. AMST charges also apply when additional tests are requested for FGA, B, C or D that are not specified in the Switched Access section of this tariff. The customer may specify a more frequent schedule of tests 60 days prior to the start of the prescribed schedule.

The Utility will provide, on a quarterly basis, an AMST report that lists the test results and the number of trunks that passed or failed. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

e. Nonscheduled Testing (NST)

NST will be performed "on demand" which results in the measurement of Switched Access. NST charges will apply only when testing is requested more frequently than is provided for in accordance with COMPS, or when a specific test is requested that is not normally performed. Tests performed for Switched Access are in the Switched Access section of this tariff. Nonscheduled testing of Switched Access may consist of the following testing arrangements:

- the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent (automatic testing), or
- the Utility provides a technician at its office(s) and the customer provides a technician at its customer designated location, with suitable test equipment to perform the required tests (cooperative testing), or
- the Utility provides a technician at its office(s), and the customer designated location or end user premises with suitable test equipment to perform the required tests (manual tests).

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

D. Additional Testing - Continued

1. Switched Access Testing - Continued

e. Nonscheduled Testing (NST) - Continued

Nonscheduled tests may consist of any tests which the customer may require. The rates for Automatic Scheduled Testing will apply to Nonscheduled testing. Labor charges will apply to Nonscheduled Cooperative and Manual FIA Testing at the appropriate Basic, Overtime, or Premium rate.

If nonscheduled tests are required and trouble is found in the Utility's facilities charges for testing the Utility facilities will not apply. If, however, trouble is found in the customer equipment, charges will apply for Automatic Scheduled Testing and Additional Labor at the appropriate Basic, Overtime, or Premium rate.

f. Obligations of the Customer

(a) The customer shall provide the Remote Office Test Line priming data to the Utility, as appropriate, to support AST or NST.

(b) The customer shall make the facilities to be tested available to the Utility at times mutually agreed upon.

2. Special Access Testing

The Utility will, at the request of a customer, provide assistance in performing specific tests requested by the customer.

a. Additional Cooperative Acceptance Testing (ACAT)

When a customer provides a technician at its customer designated location or at the end user premises, with suitable test equipment to perform the required tests, the Utility will provide a technician at its office for the purpose of conducting ACAT. Labor charges will apply to ACAT at the appropriate Basic, Overtime or Premium rate.

ACAT charges will apply when the customer requests tests which are not required to meet the transmission performance parameters.

b. Nonscheduled Testing (NST)

When a customer provides a technician at its customer designated location or at the end user premises, with suitable test equipment to perform the required tests, the Utility will provide a technician at its office (cooperative testing) for the purpose of conducting Nonscheduled Testing (NST).

Nonscheduled testing may consist of any test (e.g., loss, noise, slope, envelope delay, etc.) which the customer may request. If such testing indicates trouble in Utility facilities, then the customer will not be charged. NST charges will apply if the trouble is in the facilities of the customer. At the customer's request, the Utility will provide a technician at the CDL or at the end user premises (manual testing).

The labor charges for NST as set forth in the RATES section for Additional Labor will apply at the appropriate Basic, Overtime, or Premium rate.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

D. Additional Testing - Continued

2. Special Access Testing - Continued

c. Obligation of the Customer

When subscribing to Testing as set forth in this section, the customer shall make the facilities to be tested available to the Utility at times mutually agreed upon.

E. Provision of FIA Billing Information

The customer will receive its bill in: 1) a standard paper format, 2) a paper format bill summary with an electronic transmission to provide the detailed information of the bill, or 3) a storage device (CD ROM).

F. Billing Name and Address Service (BNAS)

The Utility will, upon request, provide Billing Name and Address Service (BNAS) to a Telecommunications Service Provider (customer), or its authorized billing and collection agent. There are three BNAS offerings available pursuant to this tariff, Per Call/Periodic BNA, Data Gathering Service (DGS) and End User Validation List Service.

1. Per Call/Periodic BNA and Data Gathering Service

Per Call/Periodic BNA Service provides billing name and address information and Data Gathering Service provides billing telephone number, name, address and associated working telephone number information for customer provided ten digit end user telephone numbers required by the Telecommunications Service Provider customer to bill for calls placed within a specific time period.

Per Call/Periodic BNA and DGS are offered subject to the conditions set forth in the following:

- a. A standard format for the receipt and provision of telephone number and billing name and address information will be established by the Utility. Charges for the following services are set forth in the RATES section: each Per Call/Periodic BNA searched for and found or searched for and not found, each record accessed for DGS, and Per Call/Periodic BNA and DGS provided, at the option of the customer via electronic transmission or paper format. The processing fee will be applied once per calendar year for BNAS processing done within that calendar year.
- b. The customer must order Per Call/Periodic BNA or DGS and provide test data tape at least 30 days prior to delivery of the first customer order.
- c. The frequency for receipt of the customer provided orders for Per Call/Periodic BNA or DGS will be no more than twice monthly and at intervals mutually agreed upon between the Utility and the customer. The customer provided end user telephone numbers will be programmed by the Utility with the proper end user's billing name and address contained in the Utility's file at that time.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

F. Billing Name and Address Service (BNAS) - Continued

1. Per Call/Periodic BNA and Data Gathering Service - Continued

- d. Per Call/Periodic BNA and DGS information for nonlisted/nonpublished end user telephone numbers will be provided unless the nonlisted/nonpublished end user provides written notice of nonconsent to the Utility regarding the release of the BNA/DGS data. Within 30 days of receipt of such notice, the Utility will discontinue disclosure of the nonlisted/nonpublished BNA/DGS data.
- e. For other than electronic transmission, the output records will be sent to the customer via first class U.S. Mail. The output records will normally be made available for mailing ten workdays after receipt of the customer order or at an interval mutually agreed upon by the Utility and the customer. Availability may be delayed in case of input data errors in the customer provided order.
- f. The customers may request that data be transmitted. Data transmission charges will be determined on an individual case basis. Data transmission hardware and software specifications will be mutually agreed upon by the Utility and the customer.
- g. Per Call/Periodic BNA and DGS detail will not be retained by the Utility longer than 45 days. If the customer requests that the output be made available on a second occasion, such request must occur within 30 days from the date the first request was made.
- h. Any customer, that is provided Per Call/Periodic BNA or DGS pursuant to this tariff, agrees to abide by all applicable Commission rules, decisions, orders, statutes and laws concerning the disclosure of published and nonpublished telephone numbers, and further agrees to use the information contained therein only for the purpose of billing for services provided to their end users.
- i. In no case shall any customer or authorized billing and collection agent of a customer disclose the billing name and address information of any subscriber to any third party, except that a customer may disclose BNA/DGS information to its authorized billing and collection agent or to governmental law enforcement agencies.
- j. Conditions regarding refusal or discontinuance of this service are set forth in GENERAL REGULATIONS A.8.

2. End User Validation List Service

End User Validation List Service provides for the disclosure of all or a portion of end user/agent data available from the Utility's records, to a Telecommunications Service Provider (customer), for purposes other than billing, and in compliance with the Commission's rules and regulations. In addition, End User Validation List Service is offered subject to the conditions set forth above, and the following:

- a. Standard End User Validation Lists will be provided in three (3) files, business, coin (semi-public and public pay stations) and residence. Nonlisted/nonpublished information will be excluded, with the exception of nonlisted public pay stations. Per record rates for the Standard Sort End User Validation List are set forth in the RATES section.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

F. Billing Name and Address Service (BNAS) - Continued

2. End User Validation List - Continued

- b. Per calendar year, the customer may request up to two (2) lists for business, coin, and residence listings.
- c. A standard format will be established by the Utility. Requests for special list sorts will be limited to an end user list separating those that are presubscribed to the requesting customer, and/or those that are not. The rate, per record, applicable to special sorts is set forth in the RATES section.
- d. Each request shall be treated as a new request. Requests for updates from previous list will not be provided.
- e. The customer shall have fifteen (15) business days from the date of delivery of a list to request any investigation of issues arising from the provision of the list.
- f. End User Validation Lists will normally be provided to the customer within thirty calendar days after receipt of a request and within ten (10) business days of extraction, or at an interval mutually agreed upon by the Utility and the customer. The administrative fee set forth in the RATES section applies per request.
- g. Conditions regarding refusal or discontinuance of this service are set forth in GENERAL REGULATIONS A.8.

G. Carrier Selection Process for Equal Access

The Carrier Selection Process is an arrangement whereby:

An end user may select an IC, competitive local carrier (CLC) or local exchange carrier (LEC) to place intrastate, intraLATA MTS/MTS-type calls without the 101XXXX access code. This IC, CLC or LEC is referred to as the end user's intraLATA primary interexchange carrier (IPIC).

In the event that no IC, CLC or LEC orders FGD or BSA-D to provide intraLATA service from an end office, the carrier selection process for the IPIC set forth below will not apply.

On the effective date(s) of intraLATA equal access, end users or agents who have not designated an IC, CLC or LEC will continue with the Utility's intraLATA toll service.

1. Carrier Customer Lists

The Utility will accept IC, CLC and LEC customer lists identifying end users and agents who have made individual arrangements with the IC, CLC or LEC to designate the IC, CLC or LEC as their IPIC. The list should be in the form of a paper printout.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

G. Carrier Selection Process for Equal Access - Continued

2. End User Choice Discrepancy

An IC, CLC or LEC is required to certify at the time it submits end user and/or agent lists to the Utility that it has on file, or has instituted steps designed to obtain signed letters of agency or confirmations of choice from the end user or agent. The IC, CLC or LEC is not required to submit letters of agency when submitting end user or agent lists to the Utility, but should maintain the confirmations or letters on file for use in dispute resolution. The IC, CLC or LEC should request written confirmation of choice from its customer no later than the date of submission of its first bill to the customer.

When an end user or agent indicates more than one IPIC per line, the Utility will contact the end user or agent for clarification.

3. IPIC Charge Application

In end offices converted to Equal Access new end users, end user agents and local service providers that resell services (herein referred to as resellers) must presubscribe to the IPIC of their choice at the time an order is placed for service. The IPIC may be an IC, CLC or LEC.

Upon the end user or end user agent's or reseller's selection of the IPIC, at the time of placing an order, a confirmation notice will be sent identifying the IC, CLC or LEC selected as the IPIC. From the date of the confirmation notice, the end user, end user agent and reseller will have 90 days to change their presubscription selection without a charge.

If an IPIC is not chosen at the time the order for service is submitted, the end user, end user agent or reseller will be sent a confirmation notice which contains a list of ICs, CLCs and LECs with FGD or BSA-D intraLATA service, and will be informed that they have 90 days to contact the IC, CLC and/or LEC of their choice or the Utility to apply for the IPIC arrangement. If notice is received by the Utility within 90 days of the in-service date for local service or upgrade, no charge will be billed to the end user, end user agent or reseller. If notice is received after 90 days, the end user, end user agent or reseller will be billed a nonrecurring charge in IV.RATES.F for each IPIC. Until the end user, end user agent or reseller receives service from the selected carrier, he may access the intraLATA carrier of his choice by dialing the appropriate 101XXXX carrier identification code or service will be provided by the Utility.

The full nonrecurring IPIC charge is applicable when an intraLATA IPIC change is ordered separately from a change to the same carrier for interLATA service and/or when a customer subscribes to different carriers, at the same time, for interLATA and intraLATA MTS/MTS-type service. If a customer changes interLATA and intraLATA subscription at the same time, to the same IC, CLC or LEC, the Utility will bill the customer one-half of their respective IPIC change charge.

The Utility will make post conversion changes in the end user's, end user agent's or reseller's IPIC assignment pursuant to an IC, CLC or LEC provided list of customers, accepted by the Utility under conditions set forth in 3. and 4. Should an end user, end user agent or reseller dispute authorization of the change within two years of the IPIC assignment, the Utility will place the end user on the previous carrier's network where possible and the carrier will be billed according to Section 7 following.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

G. Carrier Selection Process for Equal Access - Continued

4. Unauthorized Primary IntraLATA Carrier (IPIC) Restoral Change

An Unauthorized IPIC Change is a change in the preferred IPIC IC that the end user or Pay Telephone Service Provider denies authorizing.

If an end user or Pay Telephone Service Provider denies requesting a change of IPIC IC as submitted by the alleged unauthorized IC, the alleged unauthorized IC will be assessed the IPIC Charge as specified in IV.F.1. for:

- Changing the end user or Pay Telephone Service Provider to the disputed IC, and
- Placing the end user or Pay Telephone Service Provider on their previous IC network or the IC network of their choice.

In accordance with the Federal Communications Commission's Slamming Liability Rules in CC Docket 94-129, if an alleged unauthorized carrier is ultimately exonerated of liability, the alleged unauthorized IC is entitled to receive full payment from the end user or Pay Telephone Service Provider for all services provided. In such situations, any IPIC Charges assessed against the alleged unauthorized IC by the Telephone Company are subject to rebilling to the end user or Pay Telephone Service Provider by the alleged unauthorized IC.

5. Liability of the Utility

If through the fault of the Utility, the end user, end user agent or reseller is not subscribed to its chosen IPIC, the nonrecurring charges do not apply to reassign the end user, end user agent or reseller to his chosen IPIC.

6. Carrier Desired Due Date (ICDDD) for IPIC Installation

An IC, CLC or LEC may request a desired due date for IPIC installation for a specific, single end user, end user agent or reseller acting on behalf of an end user post equal access conversion. This ICDDD is a mutually agreed upon negotiated due date, determined to be between 3 and 45 business days from the date of receipt of the order. The carrier must coordinate the ICDDD with the Utility prior to sending in the first order.

The ICDDD does not apply to routine lists provided by the carrier. The Nonrecurring Charge for IPIC applies to each line converted to the carrier requesting ICDDD. This charge will be billed to the carrier's end user customer.

Continued



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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

RATES

A.	<u>Additional Labor</u>	<u>Charge</u>
1.	<u>Labor Periods</u>	
a.	Basic time, Business Day, per technician*	
(1)	First half hour or fraction thereof	\$39.25
(2)	Each additional half hour or fraction thereof	18.74
b.	Overtime, Outside the Business Day, per technician *	
(1)	First half hour or fraction thereof	42.00
(2)	Each additional half hour or fraction thereof	23.17
c.	Premium time, Outside the Business Day, per technician *	
(1)	First half hour or fraction thereof	47.50
(2)	Each additional half hour or fraction thereof	27.59

\* A call out of a Utility employee at a time not consecutive with the business day is subject to a minimum charge of four hours.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

RATES - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
B. <u>Telecommunications Service Priority (TSP)</u>		
1. <u>Establishment</u> per Circuit/Line	\$14.50	
2. <u>Restoration Priority</u>		\$4.90
C. <u>Additional Testing</u>	<u>Charge</u>	
1. <u>Automatic Scheduled Testing (AST)</u>		
(a) Basic offering to first point of switching, per transmission path, per month	.45	
2. <u>Additional Cooperative Scheduled Testing (ACST)</u>		
(a) Basic offering to first point of switching, per transmission path, per month	1.82	
(b) Gain-Slope - To first point of switching, per transmission path, per month	.77	
3. <u>Additional Manual Scheduled Testing (AMST)</u>		
(a) Basic offering to first point of switching, per transmission path, per month	3.64	
(b) Gain-Slope - To first point of switching, per transmission path, per month	1.55	

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

RATES - Continued

	<u>Charge</u>
D. <u>Billing Name and Address Service</u>	
1. <u>Per Call/Periodic BNA Service</u>	
(a) Bill Name and Address Found, each	\$.25
(b) Billing Name and Address Not Found, each	.25
(c) Processing Fee <sup>1</sup> (Available in Paper Report or by Electronic Transmission)	50.00
(d) Program Development charge:	
(1) Basic, per hour or fraction thereof (applicable to work performed within the Utility's normal work schedule and using the normal work force), per programmer	85.00
(2) Premium, per hour or fraction thereof (applicable to work performed outside the Utility's normal work schedule and/or which requires additions to the workforce), per programmer	100.00
(e) Data transmission of Billing Information Service details to an IC location per record transmitted	ICB-Rates and Charges Apply
2. <u>Data Gathering Service</u>	
(a) Per Record Accessed	\$.18
(b) Processing Fee <sup>2</sup> (Available in Paper Report or by Electronic Transmission)	75.00
3. <u>End User Validation List Service</u>	
(a) Standard Sort, per record provided	.034
(b) Special Sort, per record provided	.054
(c) Administrative Fee - per request (Available in Paper Report or by Electronic Transmission)	78.00

<sup>1</sup> Applies once per calendar year for BNA processing done within that calendar year. Customers may only choose one reporting format per calendar year.

<sup>2</sup> Applies once per calendar year for DGS processing done within that calendar year. Customer may only choose one reporting format per calendar year.

Continued

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

RATES - Continued

E. Carrier Selection Process for Equal Access

	<u>Nonrecurring Charge</u>
1. Per Utility Local Service Line or Trunk	
Primary IntraLATA Carrier (IPIC)	\$4.46
Incremental IPIC Change <sup>1</sup>	2.23

F. Special Development

Charges will be developed on a case by case basis and filed herein, in accordance with the provisions of Cancellation of Application for Ancillary Services, preceding.

<sup>1</sup> Change made at the same time to the same IC, CLC or LEC for both InterLATA and IntraLATA.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Alarm Transport Service (ATS) <sup>1</sup>

1. Description of Service

(a) Alarm Transport Service (ATS) - Los Angeles Extended Area (LAEA)

ATS is a service that transports alarm signals for single party exchange telephone service subscribers and allows for both the transmission of alarm signals and use of the telephone over the existing subscriber loop. Utilizing the same facility for multiple services is known as Derived Local Channel (DLC) technology.

ATS provides for the transmission of signal which identify a change in the status of alarm sensors located on a protected premises, to the client's central station.

ATS utilizes the Utility scanner, which is connected in the central office serving the client, to that client's single party exchange line. The scanner is used to repetitively poll the CPE Customer Terminal Unit (CTU), which is connected to alarm or monitoring sensors. A change in status in an alarm/sensor is recorded in the CTU, which is then polled by the scanner, with the change in status being transmitted through the scanner to a Utility Host. The Host will then transmit the change in status report of the CTU involved, to the central station.

(b) Alarm Transport Service - (Non-LAEA)

Utility central office based system which is connected to the clients' local loop and continually monitors the CPE Remote Module (RM) for changes in status. Changes in status of a protected premises are reported directly to the customer designated central station. ATS Service is available in shared and dedicated service arrangements.

Shared Service. The service will allow several central stations to share an ATS System within a central office. The ATS monitors each protected premises for a change in its status. When a change is detected, alarm status and client information is transmitted via network access arrangements to the designated central station. The participating central station must maintain toll free telephone service accessed from the exchange in which the ATS system is located.

Dedicated Service. The ATS system is dedicated to a central station served by a central office or group of central offices. The ATS systems monitors each protected premises for a change in its status. When a change is detected, alarm status and client information is transmitted via private line(s) facilities to the participating central station. ATS service does not include private line(s) between the serving central office and central station or interoffice facilities.

<sup>1</sup> Alarm Transport Service is withdrawn effective March 31, 2004.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Alarm Transport Service (ATS)<sup>1</sup> - Continued

2. Availability of Service

ATS will be furnished where central offices are equipped to provide this service and where facilities are available.

Central Station Access Service and Central Station Connection Arrangements are available where service and facilities are available in the LAEA.

3. Connection of Service

(a) Customer Premises Equipment (CPE)

The CPE must be compatible with the Utility's ATS System and must be registered under Part 68 of FCC regulations. CPE must be connected to the customer's single party exchange line with a standard network interface.

The CPE cannot be connected to: (1) an exchange line if, when the CPE is added, the combined ringing equivalence of the line exceeds five ringers; (2) a PBX trunk of station line, a public coin telephone line, a mobile telephone, a data line, a Foreign Exchange (FX) line, a WATS line, a multi-party exchange access line, a Centrex line served by a central office other than the main Centrex Service, any foreign central office type line or service, an off-premises line or extension, farmer line, a local loop requiring a repeater or loop extender device or other non-compatible facility/device.

(b) Customer Telephone Service

A customer must maintain individual line exchange telephone service at the premises to be served by the A

(c) Agency Agreement

Nothing contained in this tariff schedule shall be construed as establishing any agency agreement, partnership or joint venture between the Utility and any other agency including central station and/or alarm dealer. Any such agency shall be responsible for obtaining all licenses, permits and authorizations required by any authority and will comply with all codes, laws, regulation, restrictions or limitations governing the use of equipment or services employed by it in providing a service to its customers.

(d) Customer Designated Central Station

The central station designated by the customer to receive the signals from the ATS system, must provide data terminal equipment that maintains continuous monitoring of the service and is compatible with the output from ATS system provided.

<sup>1</sup> Alarm Transport Service is withdrawn effective March 31, 2004.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Alarm Transport Service (ATS)<sup>1</sup> - Continued

3. Connection of Service - Continued

(e) Customer Provided Equipment

The utility shall not be responsible for installation, operations or maintenance of any terminal equipment provided by a customer as specified under General Regulations of this tariff.

(f) Liability

Provisions concerning the Utility limitations of liability are set forth in Schedule Cal. P.U.C. No. D&R, Rule No. 26. Provisions concerning customer's indemnifications are set forth under General Regulations.

(g) Utility Rights for DLC Application Using Existing Subscriber Loop

Alarm transport service as specified in this tariff schedule using DLC technology does not limit the Utility's right for further utilization of its subscriber local loop for DLC transport access for other purposes not specified herein. The Utility reserves the right to expand or discontinue any of the services provided in this tariff and shall not be responsible to the customer or otherwise if changes in the criteria contained in the Utility's tariffs or if any of the facilities, operations or procedures of the Utility render any customer-provided equipment or facilities obsolete or require modification or alteration of such equipment facilities or otherwise affect its use or performance.

4. Visit Charge

The client or party requesting the Utility to conduct a field visit to investigate a service difficulty shall be responsible for payment of a visit charge, as set forth in Schedule Cal. P.U.C. No. V-1, for visits by the Utility to the premises of the client or authorized user where the service difficulty or trouble report results from the use of equipment or facilities provided by the client or authorized agency.

5. Options and Specifications

The client or his agent must identify the appropriate pricing plan desired at the time the order is placed with the Utility.

The client shall designate an agent who shall act as agent for the protected premises client for connect, disconnect and changes of service except as stated otherwise in this tariff.

Billing Transfer Service (BTS) is a service option that enables the Utility to bill, direct to the client's designated alarm agency or central station, all recurring rates and nonrecurring charges associated with ATS for each protected premises. If BTS is not requested, all recurring rates and nonrecurring charges for ATS associated premises will be billed to the protected premises.

<sup>1</sup> Alarm Transport Service is withdrawn effective March 31, 2004.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Alarm Transport Service (ATS) <sup>1</sup> - Continued

6. Limitations

ATS is to be used only for transport of alarm monitoring type signals.

ATS is not offered where repeating and loop extender devices are required on a local loop and where facilities are transferred to non-compatible transmission media.

<u>RATES</u>	<u>NRC</u>	<u>Monthly Rate</u>
1. Alarm Transport Service (LAEA)		
a. Alarm transport service, each client	\$253.87 *	\$18.08
b. Central Station access service	1,900.00	
c. Central Station connection arrangement	716.00	46.63
d. Billing transfer service, each protected premises order	10.00	---
2. Alarm Transport Service (NON-LAEA) **		
a. Alarm transport service, each client <sup>2</sup>	60.00	18.08
each client <sup>3</sup>	0.00	2.96

<sup>1</sup> Alarm Transport Service is withdrawn effective March 31, 2004.

\* Conversion of protected premises from private line to alarm transport service is offered without the associated NRC for a period of one year from the effective date of the initial service offering. Service offered in additional serving areas of the Utility will be subject to the same one year exception.

\*\* In addition to rates and charges for Voiceband Special Access Service as shown under Section III.

<sup>2</sup> Rates applicable to customers in exchanges listed in the Product Guide.

<sup>3</sup> Rates applicable to customers in exchanges listed in the Product Guide..

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

I. End User/Agent Lists

1. Presubscription List

a. IntraLATA Equal Access

Prior to conversion to intraLATA equal access an IC, CLC or LEC may request a list of the Utility's end users and agents of record served from that end office switch. A single Presubscription List will be provided to intraLATA toll providers as follows:

The Utility will provide a list from its customer data base. The list may be provided on electronic transmission or paper printout, at the option of the IC, CLC or LEC, at the rates set forth in the Frontier Telephone Operating Companies Tariff FCC No. 14, Section 6. Foreign listings, PBX stations, CU Centrex stations, public coin station and numbers not in service will not be provided.

- (1) The Initial List will be provided to the IC, CLC or LEC no later than 30 days after receipt of the order from and payment by the IC, CLC or LEC of charges. The nonrecurring charge for the Initial List applies per order. A single order may contain all end offices having the same intraLATA equal access conversion date. The telephone number will not be provided if an end user or agent has a nonpublished number.
- (2) The Account Activity List, which includes a listing of all changes to the customer data base, since the Initial List was produced, will be provided on a cyclic basis. The Account Activity List will only include information for those end users and agents that are presubscribed to the IC, CLC or LEC (including end users and agents with nonpublished numbers) for the sole purpose of updating the IC's, CLCs or LEC's customer account information. There is no charge for this list.

The IC, CLC or LEC agrees to use the Initial Lists for the sole purpose of contacting potential customers/agents, or existing customers/agents, regarding intraLATA telecommunications services available through equal access to be obtained from the Utility. The IC, CLC or LEC agrees not to sell, or reproduce in any manner, in whole or in part, the lists or permit such to be done.

The IC, CLC or LEC shall indemnify, protect and save harmless the Utility from and against any and all loss, liability, damages and expense arising out of any demand, claim, suit or judgment for damages which may arise out of the Utility's supplying of listing information, services or records.

The Utility and the IC, CLC or LEC agree that the mutual objective of the parties is to conduct their respective businesses to avoid confusion by the end users and agents as to the separate and independent identity of the respective companies and their services. Neither the Utility nor the IC, CLC or LEC shall make any representation to end users, the public, prospective advertisers, expressed or implied, written or oral, which would imply that the IC, CLC or LEC is the same as, a part of, or associated with the Utility.

This service may be terminated by either the Utility or the IC, CLC or LEC upon thirty (30) days' written notice. The Utility reserves the right to terminate this service immediately upon written notice if the IC or LEC misuses the list information. Performance by the Utility shall be excused in the event of strike, riot, act of God or any other cause beyond the reasonable control of the Utility.

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FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

I. End User/Agent Lists - Continued

2. Snapshot List

The Snapshot List is a summary of selected end user and agent information for a specific IC, CLC or LEC which resides in the Utility customer data base. The Snapshot List may be provided via electronic transmission or paper printout, at the option of the IC, CLC or LEC, at rates set forth in the Frontier Telephone Operating Companies Tariff FCC No. 14, Section 6. Foreign listings, PBX stations, CU Centrex stations and numbers not in service will not be provided.

The Snapshot List will be provided to the IC, CLC or LEC no later than 30 days after receipt of the order. The nonrecurring charge for the Snapshot List applies per order.

J. Unauthorized Change of Local Service Provider

The term "unauthorized change of local service provider" is a change in the preferred local service provider that the end user denies authorizing.

If an end user denies authorizing a change in his/her local service provider, as submitted by the alleged unauthorized local service provider, the alleged unauthorized service provider will be assessed the nonrecurring charges, as specified in Frontier California Inc.'s Local Exchange Tariff, to restore the customer's service(s) as they existed prior to the alleged unauthorized change. In addition, the terms and conditions normally associated with a request for new service, as specified in Frontier California Inc.'s Local Exchange Tariff, Schedule A-1, will apply.

In accordance with the Federal Communications Commission's Slamming Liability Rules in CC Docket 94-129, if an alleged unauthorized local service provider is ultimately exonerated of liability, the alleged unauthorized local service provider is entitled to receive full payment from the end user for all services provided. In such situations, any nonrecurring charges assessed against the alleged unauthorized local service provider by Frontier California Inc. are subject to rebilling to the end user by the alleged unauthorized local service provider.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services

A. General

1. Service Offerings

Ancillary Services are available in the following categories:

- a. Billing and Collection Service
  - Call Recording Service
  - Message Processing Service
  - Assembly and Editing Service
  - Call Record Provision Service
  - Message Bill Processing Service
  - Bill Rendering Service
  - Message Investigation Service
  - Bill Processing and Collection Service
  - Invoice Billing Service
  - Program Development
  - Inquiry Service
- b. Directory Assistance Operator Service
- c. Operator Services

Regulations, rates and charges as follow apply to Ancillary Services and shall not serve as a substitute for customer tariff offerings of services to end users. The provision of such Ancillary Services by the Utility, as set forth following, does not constitute a joint undertaking with the customer for the furnishing of any service.

The Utility's undertaking to provide Ancillary Services is made only in conjunction with intrastate services offered within its operating territory.

The regulations, rates and charges contained herein are in addition to the applicable regulations, rates and charges specified in other sections of this tariff and in other tariffs of the Utility which are referenced herein.

The Utility shall not release any end user billing information to a customer unless the customer provides evidence that its tariff rules on files with the California Public Utilities Commission include provisions substantially identical to those of the Utility's Tariff Schedule Cal. P.U.C. No. D&R, Rules, governing release of information, and end user calling records.

When requested, the Utility will disclose to federal and state public utility commissions and law enforcement agencies, customer information, including but not limited to complaint levels and summaries, description of specific practices relating to cramming that the Utility has encountered generally, identity of SubCICs and/or service providers terminated or notified of a need to lower complaints.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations

a. Undertaking of the Utility

(1) Provision of Ancillary Services

- (a) The Utility, to the extent Ancillary Services are, or can be made available with reasonable effort, will provide to the customer Ancillary Services as described in V.A.3., at rates and charges as specified in the RATES section.
- (b) When the customer subscribes to Call Recording Service, as set forth in V.A.3., and customer message detail is not available because the Utility lost or damaged tapes or incurred recording system outages, the Utility will estimate the volume of lost customer messages and associated revenue based on previously known values determined from historical data. In such events the extent of the Utility's liability for damages shall be limited to the granting of a corresponding credit adjustment on the customer's bill representing amounts due to the customer for the unbilled revenue.

When the Utility is notified that, due to error or omission, incomplete data has been provided to a customer, the Utility will make every reasonable effort to locate and/or recover the data and provide new magnetic tapes to the customer at no additional charge. Such request to recover the data must be made within 30 days from the date the details were initially made available to the customer. If the data cannot be recovered, the extent of the Utility's liability for damages shall be limited as set forth in the preceding paragraph.

- (c) The Utility shall be responsible for contacts and arrangements with the end user concerning the billing, collecting, crediting and adjusting of the customer's service charges, when the Utility provides Inquiry Service, as set forth in V.A.3.
- (d) Message Bill Processing, Bill Rendering, Bill Processing and Collection, Invoice Billing and Inquiry Services will only be offered by the Utility with the purchase of receivables. The Utility will purchase the customer's receivables at a discount from the face value. The exact contents of the discount factor and specific settlement procedures will be contained in individual contractual arrangements signed by each customer.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

a. Undertaking of the Utility - Continued

(1) Provision of Ancillary Services - Continued

- (e) When Ancillary Services are provided for 900 Services the following additional conditions apply:

The Utility will bill and collect only for charitable contributions, information or communication services provided over the telephone. The Utility will not bill or collect for goods and services that are not provided over the telephone.

The Utility will notify each end user when the end user's charges for 900 services reach the following limits.

- 1) Lifeline end users whose 900 service charges have reached \$30.00 for the first time during a single billing cycle will be notified in writing.
- 2) Non-lifeline end users whose 900 service charges have reached \$75.00 for the first time during the course of a single billing cycle will be notified in writing.
- 3) All end users whose 900 service charges have reached \$150.00 for the first time during the course of a single billing cycle will be contacted by telephone. If the end user cannot be reached immediately, the Utility will temporarily block the end user's access to 900 services until contact is made and the end user indicates the desire to resume service.

(2) Discontinuance and Refusal of Ancillary Services

- (a) If the customer fails to comply with the provisions of this tariff, including any payments to be made by it on the dates or at the times herein specified, and fails to comply within thirty (30) days after written notice via certified mail from the Utility to an officer of the customer requesting payment for such noncompliance, the Utility may discontinue the provision of the Ancillary Services. In case of such discontinuance, all applicable charges shall immediately become due.
- (b) If the customer repeatedly fails to comply with the provisions of this tariff in connection with the provision of Ancillary Services and fails to correct such course of action after notice as set forth preceding, the Utility may refuse applications for additional Ancillary Services.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

a. Undertaking of the Utility - Continued

(3) 900 Service Monitoring Report

In compliance with Decision 91-03-021, Attachment C, the Utility, as billing agent for the customer, will provide the data required for reporting purposes. The specific information required by each customer may vary and will be negotiated on a customer specific basis.

b. Obligations of the Customer

(1) References to the Utility

The customer may advise end users that Ancillary Services are provided by the Utility in connection with the service the customer furnishes to its end users.

(2) Request for Service

(a) Minimum Order Periods

The customer shall order Ancillary Services with the following minimum requirements:

The minimum period for which Call Recording Service is provided and for which charges apply is one month (30 days). A customer may cancel Call Recording Service on any date prior to the start of the next month's service. If written notice is not received from the customer or from the telephone company that ordered Call Recording Service prior to the start of the following month's service, the Utility shall assume that the service is to be extended for another month (30 days).

The initial minimum period for Message Processing, Message Bill Processing, Bill Rendering, Bill Processing and Collection, Invoice Billing and Inquiry Services is three years. Six months prior to the end of the initial order period, or subsequent extension, the customer shall notify the Utility, in writing, if the service is to be discontinued. If no notice is received from the customer, the Utility shall assume that the service is extended for another year.

Upon request, the customer will provide the documented authorization to the Utility, regulatory or governmental agency, or end user in a timely manner.

Directory Assistance Operator Service will be initially ordered for a minimum period of two years with a discontinuance notification of six months.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

b. Obligations of the Customer - Continued

(2) Request for Service - Continued

(a) Minimum Order Periods - Continued

After the initial two year period, service may be ordered in six months increments, with a discontinuance notification of three months.

Notification of discontinuance must be in writing to the Utility. If no notice is received from the customer, the Utility shall assume that the service is extended for another six months.

(b) Order Requirements

When Call Recording Service is ordered, the customer shall furnish the Utility an estimate of the number of messages (message capacity) to be recorded. When Call Recording Service is provided from an end office switch, the estimate of the number of messages to be recorded shall be provided by end office. When Call Recording Service is provided from an access tandem, the estimate of the number of messages to be recorded shall be provided by access tandem. The message capacity shall be provided by year.

When Message Processing Service is ordered, the customer shall furnish the Utility an estimate of the number of messages (message capacity) to be processed. The number of messages shall be provided by year.

When Message Bill Processing, Message Investigation, Bill Processing and Collection, Invoice Billing and Inquiry Services are ordered for MTS/WATS services, the customer shall furnish the Utility an estimate of the number of messages (message capacity) to be billed. The message capacity shall be provided by year. Separate estimates shall be furnished by the customer for MTS messages, bulk-billed messages (WATS/800 services) and invoice billing messages.

When Bill Rendering Service is ordered, the customer shall furnish the Utility-an estimate of the number of bills for which Bill Rendering Service will be provided. The bill capacity shall be provided by year. Separate estimates shall be furnished by the customer for MTS bills, bulk billed bills (WATS/800) and invoice billing bills.

When the customer is providing access to IPs, the customer must carry IP programs vending harmful matter on a separate prefix.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

b. Obligations of the Customer - Continued

(2) Request for Service - Continued

(b) Order Requirements - Continued

Billing and collection for harmful matter programs will be by contractual agreement between the interexchange carriers and the information providers until July 1, 1991 and by tariff on or after July 1, 1991.

Each program must contain a disclosure message of at least 12 seconds plus a delayed timing period of 3 seconds and a tone at the end of the delayed timing period. If the caller hangs up within this time period (i.e. prior to hearing the tone), the caller will not be billed for the call.

The disclosure message shall contain, at a minimum, all of the following:

- 1) the name of the program;
- 2) the information charge and billing increment for the call;
- 3) if the information is a recorded message, the date the information was recorded;
- 4) state that if the caller disconnects within the delayed timing period, there will be no charges for the call;
- 5) if the program is directed at minors:
  - a) that minors must seek parental permission;
  - b) that the cost of the call will be on the parent's telephone bill;
  - c) that the minor should hang up if the program is adult in nature.
- 6) a disclosure of any additional charges that the caller will incur to get the full information or service.
- 7) if the IP is fund raising, the dollar amount (or percent of the total price of the call) that will go to charity.

Override feature information may be provided to callers at the end of the program. The message will inform callers how to override the disclosure message on future calls.

The override feature will be disabled for a period of no less than 5 days before and 15 days after a price change by the IP.

The IP charges to callers are limited to \$5.00 for the first minute and \$2.00 for each additional minute, with a maximum charge per call of \$50.00 for all programs not directed at children.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

b. Obligations of the Customer - Continued

(2) Request for Service - Continued

(b) Order Requirements - Continued

The IP charges to callers are limited to \$2.00 per minute and \$4.00 per call for programs directed at children.

The customer's tariff will require IP advertising to conform to the following guidelines:

- 1) every advertisement which is intended to promote the IP's program must clearly and conspicuously display and/or disclose the maximum charge per initial and subsequent minute and per call;
- 2) all advertisements must display and/or provide a voice-over with the phrase "Service may not be available in some areas";
- 3) if the advertising is for a fund-raising program the advertising will state the amount of money per call (dollars or percent) which will go to the charity and the name of the charity;
- 4) television advertisings for the IP must provide a voice-over announcement and visual display of the applicable maximum charge per initial and subsequent minutes and the maximum per call charge;
- 5) if the promotion is directed at minors the advertisement must include a warning that minors must have parental permission before calling;
- 6) IP programs directed to minors which include an inducement or "teaser" to call back shall include a warning that minors must have parental permission before calling back. All programs that encourage call backs shall quote the maximum charge per initial and subsequent minute and per call;
- 7) advertisements must include the increment of time in which the call will be billed.

When Directory Assistance Operator Service is ordered, the customer shall furnish the Utility for each NPA, for each month in the order period, an estimate of the number of calls (call capacity) to be billed. At a minimum, the customer is required to revise this estimate semi-annually. More frequent estimates may be submitted, however, no more than once per month.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

c. Payment Arrangements

(1) Minimum Charms

- (a) Call Recording, Message Processing, Message Bill Processing, Bill Processing and Collection, Bulk-Billed, Invoice Billing and Inquiry Services are subject to minimum charges.
- (b) Any minimum billing associated with the above services will be filed on an Individual Case Basis in the RATES section of this tariff.
- (c) Directory Assistance Operator Service is subject to minimum monthly charges if in any month within the period ordered the actual monthly call volume for a specific month is less than 70% of the mutually agreed upon forecasted monthly-call volume for that month.

Applicability of minimum charges shall be made by comparing the actual call volumes to the forecasted volumes.

The minimum monthly charge is computed using 70% of the mutually agreed upon forecasted monthly call volume for that month, multiplied by the appropriate Directory Assistance Charge.

The charges will be determined on a case by case basis as occasion requires.

(2) Cancellation of Application for Ancillary Services

- (a) When an order for Ancillary Services is cancelled prior to the start of installation on such Ancillary Services, no charges will apply. Installation of Ancillary Services is considered to have started when the Utility incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred.
- (b) Where program development of Ancillary Services has been started prior to the cancellation, and to the extent the Utility has another use for the specially developed Ancillary Services, no charge applies. When the Utility has no other use for the specially developed Ancillary Services, a charge equal to the costs incurred prior to the date of cancellation applies. Such charge is determined as detailed following.
- (c) The charge, as specified in paragraph (b), includes the cost, less the net salvage value of equipment and material either ordered, provided or installed, plus the non-recoverable cost of system development and installation. Charges will be determined on an individual case basis as required and will be specified in the RATES section.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

c. Payment Arrangements - Continued

(3) Acceptance of Gift Certificates

The Utility will accept customer gift certificates for payment from end users, if the customer agrees in writing to redeem all such gift certificates.

(4) Minimum Period Disconnect Charges

Minimum period disconnect charges will apply, if service is discontinued prior to the expiration of the minimum period. For Call Recording Service, the Utility will use the most recent 30 day period for which data is available to determine the total minimum monthly charge. The customer will only be billed for the adjusted amount due, if payment has been received for any portion of the discontinued service.

If, for Message Processing, Message Bill Processing, Bill Rendering, Bill Processing and Collection, Invoice Billing and Inquiry Services, service is discontinued prior to the end of the period ordered, the customer will pay the minimum charges for the remaining months of the minimum order period specified in V.A.2.b.(2)(a).

The monthly charge for Message Processing, Message Bill Processing, Bill Rendering, Bill Processing and Collection Invoice Billing and Inquiry Services, will be one-twelfth of the appropriate yearly message capacity (i.e., MTS service billed or bulk-billed capacity estimate) furnished by the customer as set forth above, times the appropriate Message Processing, Message Bill Processing, Bill Rendering, Bill Processing and Collection, Invoice Billing and Inquiry Services rate.

If service is discontinued prior to the end of the six months when Directory Assistance is ordered, then the customer shall be obligated to pay the Utility non-recoverable costs, less the net salvage value, for the discontinued service.

(5) Payment of Charges

When the Utility purchases Call Recording from another utility and/or Message Processing Services from another telephone company or entity for a customer, the rates and charges for such services contained in this tariff are applicable.

(6) Customer's End User Deposits

When Bill Rendering, Bill Processing and Collection and Invoice Billing Services are ordered, the Utility will determine and collect a deposit from the customer's end user in accordance with the Utility deposit regulations. The Utility will provide the customer with a copy of its deposit regulations upon request.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services

Ancillary Services consist of Billing and Collection Service. Ancillary Services shall be furnished to subscribers to the Utility's access services, and in addition, other telecommunications service providers, including providers of telephone answering services or voice messaging services.

All subscribers of Ancillary Services are subject to the terms and conditions contained within this tariff. Should the customer choose to perform his/her own ancillary functions and require sufficient information to do so, customer information may be purchased consistent with state regulations governing any rights to privacy. Charges for such lists will be calculated on an individual case basis.

a. Billing and Collection Services

The Utility will provide to the customer billing service for send-paid, operator-assisted, directory assistance, and international calls. The Utility shall not be obligated to provide billing service for any other services, call types or charges including recurring or nonrecurring service fees, membership fees, charges for merchandise, catalogs, and political or charitable contributions unless the Utility specifically agrees to do so in writing. It is the customer's responsibility to ensure that all call types, services, and programs sent to the Utility for billing are in full compliance with the Utility's guidelines or with all applicable rules and regulations. Details regarding the Utility's guidelines, policies, and procedures are set forth in the Billing User's Guide which is provided to the customer upon ordering of billing services.

The Utility will provide an escalated complaint package to the customer on a monthly basis which will summarize each escalated complaint<sup>1</sup> received regarding that customer which excludes PIC disputes. If the percentage of complaints, based on cumulative three month's data, exceeds the threshold (see Escalated Complaint Threshold Table below), the customer will be notified. The customer must then submit an action plan to the Utility to reduce the number of complaints. If the customer's percentage of escalated complaints is not reduced within 30 days, the customer may be charged \$2,000 for every escalated complaint over the threshold. If escalated complaint levels are still above threshold after an additional three months (90 days), the customer may be given notice that its service will be terminated.

Escalated Complaint Threshold Bands

<u>Bills Rendered Annually</u>	<u>Threshold</u>
0 - 100,000	0.009%
100,001 - 500,000	0.008%
500,001 - 2,000,000	0.005%
2,000,001 - 12,000,000	0.002%
12,000,000+	0.001%

Note 1: An escalated complaint is defined as those complaints issued by the end user to any regulatory or law enforcement agency (such as the FCC, FTC, a state Attorney General, or a public utility/service commission) or to the Utility's executive officer.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

Upon request the customer must provide to the Utility information regarding the billed services including but not limited to the name, date and issue number for any publication(s) in which the service will be advertised, advertisement placement plans, copy of actual advertisement, internet web page address where service will be advertised or where the end-user customer may subscribe to the service, description of how the service is ordered, including telemarketing scripts, detailed description of how the service can be canceled, detailed description of how the end-user customer can generate questions, request adjustments, and copy of actual post sale fulfillment documentation. The Utility may reject billing records for any services which it has not already billed or recourse the record traffic to the customer without further obligation on the Utility's part and adjust such record traffic off the end user's bill if, upon its review, the Utility finds that the associated information materials explicitly or implicitly refers to sexual conduct, contain indecent, obscene, or profane language, alludes to bigotry, racism, sexism, or other forms of discrimination, is deceptive, misleading, unclear, or may take unfair advantage of the elderly, minors, or the general public, is prohibited by applicable law, reflects negatively upon the Utility, results in an unacceptable level of end user complaints or is deemed unacceptable, inappropriate, or objectionable by the Utility.

Customers who are clearinghouses, (entities that aggregate billing for other service provider customers, called SubCICs), must submit the information and data which includes but is not limited to the SubCICs name, company address, company officer names, state of incorporation, CA Public Utilities certification if required, state registration, information regarding whether the company, its affiliates and its principals or any company that its principals have been associated with have been subject to prior conviction for billing related or other consumer fraud, had access to billing services terminated or been denied access to billing services, type of data to be billed, estimated number of customers to be billed, inquiry company name and address, inquiry procedures, names of other companies with whom they have a billing contract, and number of complaints and adjustments associated with other billing companies. Information requirements on SubCICs are listed in the Billing User's Guide. The Utility may reject records for any SubCICs services which it has not already billed or recourse the charges to the customer without further obligation on the Utility's part and adjust such charges off the end user's bill. The customer will only submit charges for each of its SubCICs for services that have been previously approved by the Utility. The monthly escalated complaint package given to the customer will identify each escalated complaint received by SubCIC.

The customer shall hold its SubCICs responsible for complying with this tariff.

The Utility may terminate billing services to the customer, for the customer's SubCIC, if it is determined that the customer or the customer's SubCIC has sold a service to the end user while misrepresenting itself as the Utility or agent of the Utility.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

The Utility retains discretion as to what charges will appear on its local telephone bill. The Utility may modify its billing policies based upon, but not limited to regulatory agency rules, any negative impact to the Utility's image or reputation, and end user complaint levels. The Utility will provide notice of its billing policies changes. The Utility reserves the right to review and reevaluate any previously approved customer's service. The Utility may terminate or suspend all billing services provided to the customer or, in the case that the customer is a clearinghouse, to the individual customer's SubCICs, if any terms and conditions noted in this tariff are not met or whose billing generates customer complaints that indicate a pattern consistent with cramming.

The Utility may recourse adjustments for any non-deniable charges that are unpaid after being on the end user's bill for a period of 90 days.

Customers who subscribe to this service will provide to the Utility all text phrases which the customer wishes to print on the end user's telephone bill and the associated charges. Only those text and associated charges that have been reviewed and approved by the Utility will appear on the end user customer's bill.

If the customer subscribes to billing services, it will submit for billing only charges for non-message telephone services that are authorized by end users which are documented by the customer by one of the following methods: a voice recording, a signed document, or independent third party verification. (Charges that are authorized by regulatory or governmental agencies may also be submitted for billing).

End user authorizations will include the following information: date of authorization, name and telephone number of the end user, question and answer to ensure that the end user is qualified to make requested changes and authorize billing, question and answer regarding the end user's age, explanation of the product or service being offered, explanation of applicable charges, explicit end user acknowledgement that the charges will be reflected on the telephone bill, information on whom to call, including the appropriate toll free number, for inquiries. Authorizations will be retained by the customer for a period of not less than two years. Failure to fulfill such obligations may result in the Utility terminating its services with the customer.

A customer that is the end user customer's pre-selected provider of toll or local telephone service may submit other charges for customer used or requested telecommunications-related products or services without additional documented authorization.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

A standard format for the provision of the recorded message detail will be established by the Utility. The Utility will provide to the customer the precise details of the format. If, in the course of Utility business, it is necessary to change the format, the Utility will provide notification to the customer six months in advance of the change.

b. Message Processing Service

Message Processing Service consists of the transformation of recorded customer message details into rated messages. Message Processing Service will be provided for each intrastate message generated by end users gaining access to the customer from the Access Area of the Utility. Message Processing Service includes the following:

(1) Assembly of Message Detail

This function consists of arranging the customer's recorded message details into a format required for subsequent processing.

(2) Editing of Message Detail

This function consists of examining individual message details and identifying the messages with errors or the messages which require further examination.

(3) Rating of Messages

This function consists of calculating the charges for messages based on the customer's schedule of charges and the message detail. The Utility will provide Message Processing Service only for customer calls originated within the Access Area.

For the purpose of performing Message Processing Service, the Utility may purchase Message Processing Service from another telephone company or entity as set forth in V.A.2.c.(5). Another utility or entity may purchase Message Processing Service from the Utility.

Where the customer provides its own message details, it must be in the standard format established by the Utility. The Utility will provide to the customer the precise details of the required format. If, in the course of Utility business, it is necessary to change the format, the Utility will provide notification to the customer six months in advance of the change.

Where the Utility has rated customer messages which are to be billed to an end user by another telephone company or entity, the Utility will enter the customer messages on a magnetic tape or data file and transmit the rated messages as set forth in V.A.3.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

c. Assembly and Editing Service

Assembly is the aggregation of recorded message details to create individual messages for rating. Editing is the process of verifying that the assembled message data is in accordance with the Utility standard format and prescribed Exchange Message Interface (EMI) specifications.

The editing function consists of examining individual message details and identifying the messages with errors or the messages requiring further examination. The editing process includes the validations of data categories such as; but not limited to, the following:

- Called Telephone Number
- Calling Telephone Number
- Date

The assembled and edited recorded message detail will be provided to the customer as set forth in V.A.3.a.

d. Call Record Provision Service

Call Record Provision Service is the transmission and receipt of rated and unrated message data. It also includes the transmission of end user data as a result of customer generated activity (i.e., transmitting end user data during conversion activities, etc.).

The billing information and/or end user data may be transmitted or received on magnetic tape or other acceptable media via either of two principal methods:

- Hand carried recording media (i.e., magnetic tape).
- Direct interface (data link) to the Utility billing center.

The Utility will determine the number of magnetic tapes required to transmit message/record data to the customer, another utility or billing entity.

e. Message Bill Processing Service

Message Bill Processing Service is the accumulation, guiding and preparation of messages (including the application of taxes) for end user bill rendering for MTS/WATS services.

Message-Billed Message Bill Processing Service is the accumulation, guiding, posting and formatting of rated message detail for bill rendering. The Utility will process Call Plans (i.e., Directory Assistance, Optional Calling Plans, Dial-It calls, etc.) that require the application of a discount to aggregate MTS usage as a part of its Message-Billed Message Bill Processing Service.

Continued



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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

e. Message Bill Processing Service - Continued

Bulk-Billed Message Bill Processing Service is the accumulation, guiding and posting of rated message detail where the individual message detail is not provided on the bill rendered to the end user.

The rating may have been done by the Utility, another entity or the customer. Where a customer subscribes to Message Processing Service, as set forth in V.A.3, the rate customer messages will be used as the input. If the customer provides the rated messages, the end user account to be billed shall be identified and the records shall be provided in the standard format established by the Utility and delivered, as set forth in V.A.3 or V.A.4.a.(13), to the location specified by the Utility.

If the customer provided rated messages must be converted by the Utility to the standard format, and the Utility agrees to make the conversion, program development charges as set forth in the RATES section apply for the hours required to design, develop, test and maintain the necessary programs. If, in the course of Utility business, it is necessary to change the format, the Utility will provide notification to the customer six months in advance of the change.

The Utility will only provide Message Bill Processing Service when Bill Rendering Service and Record Keeping are ordered.

f. Bill Rendering Service

Bill Rendering Service is the printing and mailing of statements showing amounts due from end users for services provided by the customer. Bill Rendering Service includes payment and remittance processing, treatment, denial of service and collection of deposits (where appropriate) and other monies due from the end user. Bill Rendering Service is provided on a per bill basis.

When the Utility provides Bill Rendering Service, the customer's statement of the amount due may, at Utility option, be included as part of the regular monthly bill for local exchange service mailed to the end user.

The Utility may, in accordance with its deposit regulations, determine and collect a deposit from the end user for the customer's services as set forth in V.A.2.c.(6).

Bill Rendering Service will only be provided in conjunction with the purchase of a customer's receivables. The Utility will not be responsible for any customer's balance due from end users prior to the initial order period.

The Utility will only provide Bill Rendering Service when Message Bill Processing Service with Record Keeping is ordered or when Invoice Billing Service is ordered.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

g. Message Investigation Service

The Utility will provide Message Investigation Service when requested by the customer. Message Investigation Service is that activity undertaken by the Utility to secure, or attempt to secure proper billing information in an effort to sustain or recharge the customer's message. The Utility will investigate, at the request of the customer, unbillable messages to correct message detail information to allow for the proper billing application.

The customer's request for Message Investigation Service shall identify the customer message, the date the customer message was billed and the amount of the customer message. Message Investigation Service is provided on a per message investigated basis.

Message Investigation Service will be provided for each intrastate message generated by end users gaining access to the customer MTS/WATS services from the Access Area of the Utility.

h. Bill Processing and Collection Service

Bill Processing and Collection Service includes the preparation of bills, mailing of the bills to the end users and the collection of deposits and monies due from the end users. Bill Processing and Collection service also includes master file maintenance.

Bill Processing and Collection Service is provided on a per message billed basis (message-billed). The Utility will process Calling Plan (i.e., Directory Assistance, Optional Calling Plans, Dial-It calls, etc.) that require the application of a discount to aggregate MTS usage as a part of its message-billed billing.

When Bill Processing and Collection Service is ordered, the Utility will accumulate, guide and post rated messages in preparation for billing (includes the application of taxes). The Utility will also print and mail statements showing amounts due from end users for MTS services provided by the customer.

Collection Service provided to the customer will include receiving payments from the customer's end users, treatment of receivables, treatment of accounts, master file maintenance and collection of deposits (where appropriate) as set forth in V.A.2.c.(6).

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

h. Bill Processing and Collection Service - Continued

An end user's basic service (as defined in D.96-10-066, appendix B, page 5) will not be denied because of failure to pay 900 charges. In addition, outstanding 900 charges may not be included in the amount which must be paid to avoid disconnection of local exchange service on any notices mailed to end users.

An end user will receive a one-time waiver of 900 charges for the first occasion of inadvertent, mistaken, or unauthorized use.

The Utility may block the end user's access to all 900 services if inadvertent, mistaken or unauthorized use recurs after the first waiver and the end user refuses to pay the charges.

The customer or Utility may remove from the caller's bill any charge(s) which the caller disputes or refuses to pay. The caller is eligible for an adjustment if dissatisfied with an IP program for any justified reason.

The end user will not be blocked from access to 900 service for charges which are under review as disputed charges. If after completion of the investigation the end user is found to be liable for the charges and still refuses to pay access to 900 service may be blocked.

The rating may have been done by the Utility, another entity or the customer. Where the customer subscribes to Message Processing Service as set forth in V.A.3., the rated customer messages will be used as the input. If the customer or another entity provides the rated messages, the end user account to be billed shall be identified and the records shall be provided in the standard format established by the Utility and delivered as set forth in V.A.3. or V.A.4.a.(13).

Bill Processing and Collection Service will only be provided in conjunction with the purchase of a customer's receivables. The Utility will not be responsible for any customer's balance due from end users prior to the initial order period.

i. Invoice Billing Service

Invoice Billing Service is the centralized receipt of invoice billing records for inclusion on the end user bill.

Invoice Billing Service includes the preparation of bills, mailing of statements of the amount due for services provided by the customer and the collection of deposits (where appropriate) and monies due from the customer's end users. Invoice Billing Service also includes account establishment, maintenance of accounts and treatment of accounts.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

i. Invoice Billing Service - Continued

When the Utility provides Invoice Billing Service, the customer shall rate its end users' messages, calculate the taxes and the total amount (surcharges, discounts, allowances, recurring fees, etc.) to be billed for services it provided to its end users, prior to sending the invoice billing records to the Utility.

As a part of its treatment procedures, the Utility shall have the final authority to make adjustments or deny service for disputed charges on the end user's account.

Invoice Billing Service will only be provided in conjunction with the purchase of a customer's receivables. The Utility will not be responsible for any customer's balance due from end users prior to the initial order period.

Call Record Provision charges, as set forth in the RATES section, shall apply for the receipt of accepted messages. Bill Rendering charges, as set forth in the RATES section, shall apply for each bill rendered. In addition, the Invoice Billing Service charges, as set forth in the RATES section, shall apply.

j. Program Development Service

Program Development Service consists of developing the customer's schedule of rates into a rating program and changing the bill format when requested by the customer. Program Development Service also includes converting message data, transmitted to the Utility by the customer or another entity into the Utility standard format for processing.

A Program Development Charge, as set forth in the RATES section applies for the programming hours required for software designing and coding.

A Program Implementation Charge applies for table updating, testing, administration, documenting program changes and other implementation activities.

Changes in the rate levels of customer charges to be billed will normally be implemented within 30 days after receipt of an order from the customer requesting such change. When modification to the rating program is required, a Program Development Charge will also apply. Changes in rate structure will normally be completed within six months of a customer's order.

The complexity of the structural change will determine the exact length of time necessary to fulfill the request. Rate structure changes will be made only when the Utility can accommodate such changes.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

k. Inquiry Service

Inquiry Service consists of answering end user questions about charges billed for the customer's services, applying credits and adjustments to end user accounts, and reviewing messages removed from end user's bills.

When the Utility provides Inquiry Service, the Utility will be responsible for contacts and arrangements (either written or oral) with the customer's end users concerning the billing, collecting, crediting, adjusting and message investigation of the customer's service charges in accordance with written instructions furnished by the customer and agreed to by the Utility. Billed messages removed from an end user's bill will be appropriately adjusted to the customer's accounts receivable as agreed to by both parties.

The Utility will not become involved in disputes between a customer and its end users. Consequently, utilizing Utility guidelines previously established for the collection process for its own accounts, the Utility may remove a disputed customer's charge from an end user's bill and deduct that amount from the customer's accounts receivable. It will be the customer's responsibility to pursue the collection of the disputed amount.

Unauthorized charges that are removed from the end user's bill by the Utility may not be submitted for rebilling by the Customer. If an end user contacts the customer rather than the Utility with a complaint of being charged without authorization, the customer should provide a credit adjustment on the end user's bill and will not resubmit the charge to the Utility for billing of the end user.

The Utility shall have the final authority to make adjustments or deny service for disputed charges on the end users' accounts.

Inquiry Service will only be provided in conjunction with the purchase of a customer's receivables. The Utility will not be responsible for any customer's balances due from end users prior to the initial order period.

Inquiry Service will only be provided when Message Bill Processing and Bill Processing and Collection Service is ordered. Inquiry Service will only be provided in the Utility's operating territory.

Inquiry Service consists of a bifurcated rate structure, a per message billed rate and a per adjustment rate.

l. Communications Services

For those customers provided Bill Processing and Collection Service or Message Bill Processing Service, the Utility will offer the following Communications Services. The service offers customer two methods of communicating with their pre-subscribed end users and casual end users depending on space availability and technical capability. This service is limited to the customer's page of the bill.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

I. Communications Services - Continued

(a) Bill Message Page

The Bill Message Page will be included in the Utility's billing envelope. The maximum message is 70 lines of text on one page.

(b) Bill Insert

An ICs provided bill enclosure will be included in the Utility's billing envelope with the presubscribed end user's bill. Due to limitations in the billing system, should there be an excess of three ICs requesting a bill insert in the same month, the offering will be provided by lottery.

For those ICs provided Invoice Billing Service, the Utility will offer the following Communications Services. This service offers the IC three methods of communicating with their presubscribed end users and casual end users depending on space availability and technical capability. This service is limited to the IC's page of the bill.

(c) 10 Line Bill Phrase

A printed message which contains up to 10 lines of text. The message appears at an IC designated location on the IC's bill page(s). More than one message may be contained within the 10 line bill phrase.

(d) One 5 Line Message

A printed message which appears at an IC designated location on the IC's bill page(s). The message contains up to 5 lines of text.

(e) Two 5 Line Messages

Two printed messages which appear at the IC designated location on the IC's bill page(s). The two messages contain up to a total of 10 lines of text.

j. Directory Assistance Operator Service

Directory Assistance Operator Service provides access to Directory Assistance Service locations, use of Directory Assistance Service equipment and use of Directory Assistance Operators. This function consists of Directory Assistance to a customer to enable end users to obtain local telephone numbers maintained by the Utility.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

4. Rate Regulations

a. Billing and Collection Service

- (1) Call Recording Service for MTS/WATS services includes the functions listed in V.A.3. The rate, as set forth in the RATES section, applies per message recorded.
- (2) Message Processing Service for MTS/WATS services includes the functions listed in V.A.3. The rate, as specified in the RATES section, applies per message processed. In those locations where WATS services are metered, or the billing record is summarized by another utility, the Message Processing rate, as set forth in the RATES section will apply per billing record processed. For rating purposes, a billing record is defined as any record which is required to be processed to accomplish billing of a customer's WATS usage.
- (3) Assembly and Editing Service for MTS/WATS services consists of the functions listed in V.A.3. The rate, as specified in the RATES section, applies per message assembled and edited.
- (4) When message detail is transmitted to or received from the customer, another utility or billing entity, a Call Record Provision charge will apply. For this purpose, a record is a logical grouping of information as described in the program that processes the information and loads the magnetic tape or data file. The rate, as specified in the RATES section applies per record transmitted or received. The Utility will determine the Call Record Provision charge based on its count of the records transmitted or received.
- (5) The Message Bill Processing Service charge applies whenever the Utility performs the functions listed in V.A.3. The rate for Message Bill Processing Service shall be the rate corresponding to the Message Bill Processing Service rate for such volume of messages, both intrastate and interstate, as set forth in the RATES section on a calendar year basis. As used in the tariff, the term calendar year shall mean the period from January 1 through December 31 (both dates inclusive) of a given year.

The Utility will use the customer provided message capacity to determine the band and its associated rate the first year of the initial minimum period. During the first quarter of the next year, the customer and the Utility will determine the actual volume of messages for which the Utility performed Message Bill Processing Service. Such actual volumes shall be compared to the Message Bill Processing Service bands as set forth in the RATES section to determine in which band such actual volume of messages fall. If the actual volume is greater than or less than customer provided message capacity, the actual volume will be multiplied by the appropriate band rate and compared to the billed volume to determine either a charge or credit. This charge or credit will be applied to the customer's subsequent bill.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

4. Rate Regulations - Continued

a. Billing and Collection Service - Continued

(5) - Continued

For each year thereafter, the Utility and the customer shall utilize the previous year's actual volume of messages and the customer provided message capacity in an effort to determine the appropriate band for the next calendar year. In the first quarter of each year, the procedure described in the previous paragraph will be followed.

The rate, as specified in the RATES section applies per message processed. The bulk-billed Message Bill Processing Service charge applies per WATS/800 message processed.

- (6) Bill Rendering Service includes the functions listed in V.A.3. The rate for Bill Rendering shall be the rate corresponding to the Bill Rendering Service rate for such volume of bills, both intrastate and interstate, as set forth in the RATES section on a calendar year basis. As used in this tariff, the term calendar year shall mean the period from January 1 through December 31 (both dates inclusive) of a given year.

The Utility will use the customer provided bill capacity to determine the band and its associated rate the first year of the initial minimum period. During the first quarter of the next year, the customer and the Utility will determine the actual volume of bills for which the Utility performed Bill Rendering Service. Such actual volumes shall be compared to the Bill Rendering Service bands as set forth in the RATES section to determine in which band such actual volume of bills fall. If the actual volume is greater than or less than the customer provided bill capacity, the actual volume will be multiplied by the appropriate band rate and compared to the billed volume to determine either a charge or credit. This charge or credit will be applied to the customer's subsequent bill.

For each year thereafter, the Utility and the customer shall utilize the previous year's actual volume of bills and the customer provided bill capacity in an effort to determine the appropriate band for the next calendar year. In the first quarter of each year, the procedures described in the previous paragraph will be followed.

The rate, as specified in the RATES section applies per bill rendered. A factor, based on actual interstate and intrastate billed messages, will be used by the Utility to apportion the Bill Rendering charge by jurisdiction.

- (7) Message Investigation Service consists of the functions listed in V.A.3. The rate, as specified in the RATES section, applies per message investigated by the Utility.
- (8) Bill Processing and Collection Service consists of the functions listed in V.A.3. The rate, as set forth in the RATES section, applies per message.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

4. Rate Regulations - Continued

a. Billing and Collection Service - Continued

- (9) Invoice Billing Service consists of the functions listed in V.A.3. The rates, as set forth in the RATES section apply per message.
- (10) A Record Keeping charge applies for each end user account maintained by the Utility for the customer. An end user account is a record which has a name and address and a unique billing identification number assigned by the Utility to which a bill is rendered. The Record Keeping charge, as specified in the RATES section, applies per month for each account and/or line maintained. A factor, based on actual interstate and intrastate billed messages, will be used to apportion the Record Keeping charge by jurisdiction.
- (11) An Exchange Carrier Memorandum (EC Memo) charge will be assessed each time the customer requests an adjustment to an end user account. The EC Memo charge, as specified in the RATES section, applies per account adjusted per memo. When necessary, a factor (based on actual interstate and intrastate adjusted messages) will be used to apportion the EC Memo charge by jurisdiction.
- (12) A Service Order Change Charge applies whenever a billing service order is accepted by the Utility to update (i.e., add, change or delete) its billing file to implement the requested activity. The Service Order Change Charge, as set forth in the RATES section, applies per order processed.
- (13) A Centralized Message Dispersion charge will apply when the Utility provides a single point for the receipt of customer message data. The Utility will receive, edit, sort, dispense and confirm the number of accepted billable messages and the total amount due the customer for services provided to its end users. In addition, the rated and/or unrated message data is dispersed to the appropriate location for further processing and/or billing. The rates, as set forth in the RATES section will apply per message processed. Call Record Provision charges, as set forth in the RATES section, will apply for the receipt of each billable message and the transmission of each unbillable message. This charge does not apply to Invoice Billing Service.
- (14) Inquiry Service includes the functions listed in V.A.3. Inquiry Service consists of a bifurcated rate structure, a per message billed and a per adjustment rate. The Inquiry Service per message billed rate applies for each customer message billed by the Utility. The per message adjustment rate applies for each occurrence of an adjustment made to an end user bill.

A PIU factor will be used by the Utility to apportion the message adjustment rate by jurisdiction.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

4. Rate Regulations - Continued

b. Directory Assistance Operator Service

- (1) The Utility Directory Assistance operator, when furnished a name, will provide or attempt to provide the telephone number listed in the Utility Directory Assistance records associated with the given name. The Utility's contact with the end user shall be limited to such contact necessary to process an end user's request for a telephone number.
- (2) A maximum of two requests for telephone numbers will be processed per access to the Directory Assistance operator.
- (3) A telephone number which is not listed in Directory Assistance records will not be available to the end user.
- (4) The Utility reserves the right to determine from which Directory Assistance Service location the service will be provided.
- (5) In the event that a telephone number is not listed in Directory Assistance records and no number is provided, no credit applies for the call to the Directory Assistance Operator.
- (6) The Directory Assistance charge per call applies for each call to a Directory Assistance Service location. A chargeable call is one which has been answered by or forwarded to a Directory Assistance operator. The charge applies whether or not the Directory Assistance operator provides the requested number. The number of calls answered or forwarded to Directory Assistance operators will be accumulated by the Utility measuring equipment.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

4. Rate Regulations - Continued

c. Operator Services

(1) Operator Services described in this Section will be provided to access customers as an optional feature in conjunction with Feature Group C (FGC), Feature Group D (FGD), BSA-C or BSA-D Switched Access Services from designated Operator Services Switching Locations in those LATAs where the Telephone Company has the capability to provide such services. Operator Services includes Inward Operator Assistance which enables a customer to provide operator related services to their end users

(2) General Description

(a) Inward Operator Assistance Service

Inward Operator Assistance Service provides for operator assistance on inward calls received from a customer's operator.

Operator Assistance - The Telephone Company operator will provide the customer's operator with assistance or information regarding service conditions.

(3) Service Provisioning

(a) The Telephone Company will provide Inward Operator Assistance Service for calls associated with exchange service lines in end offices served by the Operator Services Switching Location.

A list of end offices served by the Operator Services Switching Location will be provided to the customer upon request.

(b) Operator Services will be provided over FGC or FGD trunk groups, arranged for either one-way or two-way calling, from the Operator Services Switching Location to one customer designated location in the same LATA.

(c) Switched Access used in conjunction with Operator Services will be provisioned in accordance with the technical specifications and requirements set forth in Section II of this tariff.

(d) Designated Telephone Company Operator Services Switching Locations are identified in The National Exchange Carrier Association Tariff FCC No. 4. The designated locations will be in those LATAs in which the Telephone Company is able to provide Operator Services.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

4. Rate Regulations - Continued

c. Operator Services – Continued)

(4) Rate Regulations

Where the Telephone Company has measurement capability for Operator Services per call charges, the Telephone Company will bill the actual usage measured on a per call basis.

When measurement capability is not available, the customer shall furnish a forecast of the number of calls (call capacity) anticipated for each month of the succeeding year by type of call (i.e., Inward Operator Assistance calls) and by Operator Services Switching Location at the time the order is placed. For mixed intrastate and interstate services, the customer's estimate shall include the percent of interstate calls. At a minimum, the customer shall revise this forecast annually. More frequent revisions of the forecast may be submitted, however, no more than once per month.

Such estimates shall be used as a basis for billing the Operator Services per call charges until such time as the Telephone Company has actual measurement capability available. The customer shall maintain records supporting such estimates.

(a) Inward Operator Assistance Service

Inward Operator Assistance Service includes Operator Assistance. The Inward Operator Assistance rate applies on a per call basis. Each call may include any combination of functions for the same telephone number. A call is considered an Inward Operator Assistance call when the call is received at the Telephone Company's operator position.

Switched Access Charges

FGC or FGD Switched Access usage charges do not apply to Inward Operator Assistance Service.

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

RATES

A.	<u>Billing and Collection Service</u>	<u>Charge</u>
1.	Program Development Charge, Per Hour	\$ 94.00
2.	Program Implementation Charge Per Hour	55.00
3.	Service Order Change Charge, Per Order	4.00
4.	Call Recording Service, MTS/WATS Services, Per Message	.0150
5.	Message Processing Service, MTS/WATS Services, Per Message	.0100
6.	Assembly and Editing Service, MTS/WATS Services, Per Message	.0075
7.	Call Record Provision Service	
	a. Via Magnetic Tape	
	Per Message Record Transmitted or Received	.0100
	b. Via Direct Interface	
	Per Message Record Transmitted or Received	.0020

Continued

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

RATES - Continued

A. Billing and Collection Service - Continued

Charge

8. Message Bill Processing Service

a. Message Billed, per message

0 to 97,827,399 messages	\$ 0.0762
97,827,400 to 130,436,499 messages	0.0320
130,436,500 to 195,654,699 messages	0.0266
195,654,700 to 228,263,899 messages	0.0220
228,263,900 to 293,482,099 messages	0.0200
293,482,100 to 358,700,000 messages	0.0180
Greater than 358,700,000 messages	0.0170

b. Bulk-Billed, per message 0.0200

9. Bill Rendering Service, per bill

0 to 2,307,600 bills	0.3500
2,307,601 to 3,333,200 bills	0.3000
3,333,201 to 17,432,999 bills	0.2700
17,433,000 to 20,509,000 bills	0.2500
Greater than 20,509,000 bills	0.2300

10. Message Investigation Service, per message 2.50

11. Bill Processing and Collection Service,  
per message

a. MTS Message Billed Service .0995

b. Bulk-Billed (WATS) Service .0995

12. Invoice Billing Service, per message  
Messages per end user account  
per month

a. 1 - 10 messages .0310

b. Over 10 messages .0190

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FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

RATES - Continued

A.	<u>Billing and Collection Service</u> - Continued	<u>Charge</u>
13.	EC Memo, per account	\$10.00
14.	Record Keeping, per account	.0300
15.	Centralized Message Dispersion Charge, per message	.0020
16.	Inquiry Service	
	a. per customer message billed	.0078
	b. per adjustment	2.00
17.	Communications Services, per bill	
	(a) Bill Message Page, per page	.19
	(b) Bill Insert, per insert	.13
	(c) 10 Line Bill Phrase, per phrase	.04
	(d) One 5 Line Message, per one phrase	.035
	(e) Two 5 Line Messages, per two phrases	.06
18.	In accordance with V.A.2.c.(2)(c), the rates and charges will be developed on an individual case basis and listed below.	
A.	<u>Directory Assistance Operator Service</u>	
	Per Call	.2800
B.	<u>Operator Services</u>	
1.	Inward Operator Assistance Service	
	(a) Per call, per telephone number	.65

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA

A. General

This section sets forth the regulations and order related charges for ASRs. These charges are in addition to other applicable charges as set forth in other sections of this tariff.

An ASR is an order to provide the customer with FIA.

1. Ordering Conditions

- a. A customer may order any amount of FIA (Switched or Special) of the same interface type, same Feature Group, same BSA or same Special Access between the same locations for installation on the same date on a single ASR. A customer may order the shared use of Switched Access and Special Access over the same high capacity facility however, separate ASRs are required. The methodology for shared use is as set forth in the Special Access section. Orders for FGA or BSA-A must specify the number of lines required. Orders for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service must specify the number of trunks or Busy Hour Minutes of Capacity (BHMC). For Tandem-Switched Transport, the customer has the option of specifying the number of trunks or Busy Hour Minutes of Capacity (BHMC). In addition, the ASR must indicate whether the Switched Transport ordered is for Entrance Facilities, Direct-Trunked Transport and/or Tandem-Switched Transport. For Direct-Trunked Transport and Entrance Facilities, the ASR must specify channel type, channel interface, and any options desired. In addition, ASRs for Direct-Trunked Transport must specify Facility Hubs involved.

Additional ASR requirements for Switched Access Service are as set forth in the Switched Access Section of this tariff.

- b. The customer shall supply all details necessary to complete an order. The details may include: requested service date, customer name, customer designated location, end office, Interface Arrangement, type of Switched or Special Access, Supplemental Features, End Office Services and Signaling Interface, and originating and terminating capacity required. The customer may also be required to provide end user name and location, end user contact person, and end user access hours to complete an order for Special Access.

Ordered quantities shall be specified by originating and terminating direction and by traffic type (e.g., MTS/MTS-type or WATS/WATS type). Where the customer desires to segregate its originating traffic into separate trunk groups by type of traffic, the customer must specify the ordered quantities by trunk group and by traffic group. Additionally, when the wire center which serves the customer end user premises is not a WATS Serving Office, the Utility will provide the service to the nearest WATS Serving Office. In these circumstances, the customer will be so notified, and the order will be changed to designate the appropriate serving office. No service order charge will apply.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

A. General - Continued

1. Ordering Conditions - Continued

- c. The customer shall order 500 Access Service, 800/877/888 Access Service and 900 Access Service in the same manner set forth preceding for ordering FGD or BSA-D with the following exceptions. For 500 SAC Access Service or 900 SAC Access Service, customers may request direct connections only to those offices designated by the Utility as 500 SAC Access Service or 900 Access Service screening offices. All 500 NXX or 900 NXX code assignments and administration shall be in accordance with the North American Numbering Plan (NANP). 800, 877 and 888 Access Service is offered only with 800, 877 and 888 Customer Identification Function and with 800/877/888 Data Base Query Service. Customers may request 800/877/888 access connections to suitably equipped end offices and access tandem offices.

A list of those offices will be provided upon request. All 800 number assignments shall be administered by the Number Administration Service Center (NASC) through the Service Management System (SMS).

500 NXX Codes or 900 NXX Codes to be activated and/or deactivated in conjunction with 500 Access Service or with 900 Access Service, must be provided to the Utility at least 30 business days prior to the effective date of the change.

An ASR is required by the Utility for 500 NXX codes or 900 NXX codes to be activated or deactivated on an access tandem level basis. The Switched Access Ordering Charge, as described in II.E.2, will apply. In addition to the Switched Access Ordering Charge, the 500 NXX Translation Charge, as described in Section II.E.14, shall apply to each 500 NXX code activated or deactivate in the Utility switch capable of performing the customer identification function for 500 SAC Access Service. Customer assigned codes for which an ASR has not been received will be blocked.

The customer must also specify whether the dialed 800 number or the POTS routable number is to be delivered to the IC premises. If the POTS routable number is to be delivered, the ANI optional feature must be ordered to determine that the call originated as a 1+800+NXX+XXXX dialed call.

- d. Public Access Line (PAL) service must be ordered for use with FGC or FGD Switched Access which is in service or on order. PAL service will be ordered on a per line basis. The customer must specify the end office and the address where each PAL will be terminated for use with an IC public access coinless telephone instrument.

The Utility has the right to refuse PAL service to a customer at a premises on which the owner of the premises or the owner's authorized representative does not permit the Utility to install PAL facilities as requested by a customer, or denies the Utility access to provide such service to the customer.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

A. General - Continued

1. Ordering Conditions - Continued

- e. When the Alternate Traffic Routing Optional Arrangement is ordered, more than one CDL will be supplied, and the number of lines for FGA, trunks or BHMC for FGB, FGC and FGD to each CDL shall be specified.

When the Alternate Traffic Routing Basic Serving Element (BSE) is ordered, more than one CDL will be supplied and the number of trunks or BHMC for BSA-B, BSA-C, and BSA-D to each CDL shall be specified.

- f. The provision of Special Access requires the selection of a Terminating Option as defined in III.C. The provision of Switched Access requires an Entrance Facility as defined in II.B.2 (b). When a customer orders DS3 SAL or DS3 Switched Entrance Facility, the customer may specify, on the ASR, if the interface is to be an electrical or optical. In the event the customer does not specify an interface preference with the DS3, the Utility will provide an electrical interface.

When a customer orders DS3C Special Access, the Utility will provide an optical interface unless service is provided via microwave, in which case an electro-magnetic interface is provided, or unless the customer specifies on the ASR a request for an electrical interface.

- g. When mixed interstate and intrastate Special Access Service is ordered, the jurisdiction will be determined as follows:
- (1) If the customer's estimate of the interstate traffic on the service involved constitutes 10 percent or less of the total traffic on that service, the service will be ordered and provided in accordance with the applicable rules and regulations set forth under this tariff schedule.
  - (2) If the customer's estimate of the interstate traffic on the service involved constitutes more than 10 percent of the total traffic on that service, the service will be ordered and provided in accordance with the applicable rules and regulations of the interstate access tariff, FCC Tariff No. 14.

If a billing dispute arises or a regulatory commission questions the customer's estimate of the projected intrastate/interstate percentage of traffic, the Utility will ask the customer to provide the data the customer uses to determine the percentages. The customer will supply the requested data within 30 days of the Utility's request.

The customer shall keep records of system design and functions from which the percentage of interstate and intrastate use can be ascertained and upon request of the Utility make the records available for inspection as reasonably necessary for purposes of verification of the percentages.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

A. General - Continued

1. Ordering Conditions - Continued

- h. When ordering Operator Services, an ASR is required to establish a new FGC, FGD, BSA-C or BSA-D trunk group(s) or to add Operator Services to an existing FGC, FGD, BSA-C or BSA-D trunk group between the Utility's Operator Services Switching Location and one CDL in the same LATA.

When measurement capability does not exist for Operator Services per call charges, a forecast of the number of Operator Services calls anticipated is required from the customer as set forth in V.A.4.C.(4) when the initial order for Operator Services is placed.

- i. An ASR is required from the customer to add 1+ coin traffic from an end office. At the customer's option, the ASR can be issued at a 1+ coin tandem or end office level. For an initial customer order at a 1+ coin tandem, the Utility must receive the request at least 120 calendar days prior to the requested effective date. Standard provisioning intervals will apply to subsequent orders involving that 1+ coin tandem.

The customer must provide the Utility with written notification stating that an order is being submitted pursuant to an agreement with a secondary service provider prior to the routing of 1+ intrastate interLATA coin traffic to a provider other than the customer.

- j. When ordering SS7 Out of Band Signaling, the customer shall provide an ASR specifying a reference to existing CCS7 Access service facilities or a reference to a related ASR for CCS7 Access Service as such CC7 access service facilities are described in Tariff FCC No. 14. The customer's ASR shall also include STP point codes, STP location identifier codes, FGD or BSA-D trunk or 800/877/888 Service Access trunk circuit identification codes, and switch type. When ordering SS7 Out of Band Signaling for FGD or BSA-D, the customer shall specify that all traffic carried by that FGD or BSA-D will be equipped with out of band signaling. The customer shall work cooperatively with the Utility to determine the number of CCS7 access service connections required to handle the customer's SS7 Out of Band Signaling traffic.
- k. When ordering Expanded Interconnection Services (EIS) as described in XI.E, the customer shall place an ASR for the Cross Connect, as described in II. and III.A.1(c), to interconnect the facilities of the Utility to the facilities of the customer. Each service application used in conjunction with EIS will require a separate ASR. When ordering additions or changes to the existing EIS facilities, the customer must refer to the specific EIS facilities affected by the addition or change.
- l. When ordering FGD or BSA-D Switched Access with 950-XXXX Access as described in II.B.6(z), the customer shall provide an ASR specifying which 950-XXXX access code(s) are to be routed and the FGD or BSA-D Switched Access Service over which resulting originating 950-XXXX access code calls are to be routed.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

A. General - Continued

2. Provision of Other Services

- a. At the option of a customer, Call Recording, Bill Processing, Directory Assistance, Additional Labor, Telecommunications Service Priority (TSP), Testing and Special Routing services may be ordered with an ASR at the same time the ASR is accepted by the Utility. Such requests will be considered to be supplemental to the ASR. The rates and charges for these services will apply in addition to the ordering charges and the rates and charges for the Switched Access and Special Access.
- b. The items listed in a. may subsequently be added to the ASR at any time, up to and including the service date established by the ASR. When ordered subsequently, charges for ASR modifications will apply.

4. Expanded Interconnection Services (EIS)

The regulations, rates and charges for EIS in Section XI are in addition to the regulations, rates and charges specified in this section.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. Access Service Request

An ASR is used by the Utility to receive orders for the following types of FIA requested by the customer:

Switched Access  
Special Access  
Expanded Interconnection Service  
Other Services

1. Service Date Intervals

The time required to provision service is known as the service date interval. Such intervals will be established in accordance with published service date interval guidelines which are available to customers upon request. The service date interval guidelines will apply to ASRs and will specify the quantities of FIA that can be provided on the same service date. The customer may request a service date other than that established pursuant to the service date interval guidelines, and the Utility, where possible, will establish the service date in accordance with such request, subject, however to other applicable provisions of this tariff.

2. ASR Modifications

The customer may request a modification of its ASR prior to the service date. The Utility will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an ASR within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Utility will notify the customer. If the customer still desires the ASR modification, the Utility will schedule a new service date. All charges for ASR modifications will apply on a per occurrence basis. Where a new ASR may be required the appropriate charges as set forth in other sections of this tariff will be applicable.

Any increase in the number of Switched Access lines for FGA or BSA-A trunks or BHMCs or trunks for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Services or Special Access circuits will require the issuance of a new ASR for the incremental capacity.

a. Service Date Change Charge

ASR service dates may be changed, however a Service Date Change Charge will apply for each service date changed after the Plant Test Date on the ASR.

A new service date may not exceed the original service date by more than 30 days. If the requested service date is more than 30 days after the original service date, the ASR will be considered canceled by the Utility and cancellation charges as set forth following will apply. A new ASR will be issued with the new service date.

With the agreement of the Utility, a new service date may be established that is prior to the original service date and the provisions as set forth following will apply in addition to the Service Date Change Charge.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. Access Service Request - Continued

2. ASR Modifications - Continued

b. Partial Cancellation Charge

Any decrease in the number of Switched Access lines for FGA or BSA-A; trunks or BHMCs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service; Public Access Line or Special Access circuits will be treated as a partial cancellation.

A customer may cancel any number of Special Access circuits or Public Access Lines. For Switched Access Services, the capacity cancelled may be subject to the Minimum Capacity Requirements as set forth following.

When a customer partially cancels the service ordered on an ASR, charges will apply as follows:

- (1) Except as specified for offices converting to equal access as set forth following, when an ASR for Switched Access Service is partially canceled on or after the Plant Test Date, the charge will be determined by multiplying the total Installation nonrecurring charges for the canceled portion of the order by the number of business days elapsed since the Plant Test Date and dividing that figure by the number of days in the service interval and adding the Switched Access Ordering Charge.
- (2) When an ASR for Special Access Service or Public Access Lines is partially canceled before the Plant Test Date, the associated Initial Ordering Charge-Special Access will apply. In addition, the Subsequent Ordering Charge - Special Access as set forth in the Special Access Section will apply for the reissuance of a supplemental order.

When a customer cancels part of an ASR for which billing has commenced, cancellation charges will apply to that part of the ASR being canceled.

c. Discontinuance of Service

A customer may discontinue FIA that is in service at any time. The request for discontinuance of service must be received by the Utility at least 2 business days prior to the date on which service is to be disconnected and billing discontinued.

The request may be verbal or written, however a verbal request must be followed, within 10 days, by written confirmation. The written confirmation serves as a confirmation of the verbal request rather than as a request itself.

If a service is discontinued prior to the expiration of the Minimum Period, the Minimum Period Charges as set forth following may apply.

The customer must notify the Utility of a delay or cancellation in the discontinuance request prior to the disconnect date. The Utility where possible, will establish the disconnect date in accordance with such request. Billing and Service will then continue until the new requested disconnect date.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. Access Service Request - Continued

2. ASR Modifications - Continued

d. Design Change Charge

The customer may request a design change to a pending ASR for both Switched and Special Access or request a change to an existing Switched Access Service. A design change is a change which requires engineering review. The regulations, rates and charges for a design change are as set forth in the appropriate Switched or Special Access Sections of this tariff, and are in addition to the regulations, rates and charges specified in this section.

e. Requests for Expedition

A customer may request an expedited service date. When this situation occurs- charges will be applicable as set forth in Miscellaneous Section for additional labor. The Utility will provide an estimate of the charges to the customer. The customer must accept the price estimate prior to the Utility performing the expedite. The actual charges billed to the customer will be no more than 10 percent over the estimate.

3. Selection of Facilities for Access Service

- a. A request for a specific circuit is not an option of the customer except as provided for under Special Facilities Routing of FIA as set forth in Section VIII.

4. Minimum Period

- a. The Minimum Period for which Special Access and End User FIA are provided and for which charges are applicable, is one month, except as following:
- b. The minimum period for Miscellaneous Services is set forth in Section V.
- c. The minimum period for Ancillary Services is set forth in Section V.
- d. The Minimum Period for FGA, FGB, FGC, BSA-A, BSA-B, BSA-C, SAC Access Service, and also FGD or BSA-D ordered after the conversion of an end office to equal access, is three months. For the application of the minimum period charges for Switched Access Services FGB, FGC, BSA-B, BSA-C, SAC Access Service, and for FGD or BSA-D ordered after the conversion of an end office to equal access, it is assumed the last identical capacity placed in service is the first one discontinued.
- e. For FGD or BSA-D ordered prior to the conversion of an end office to equal access is canceled prior to the conversion date, a Cancellation Charge applies. For FGD or BSA-D orders canceled on or after the equal access conversion date, a Discontinuance Charge will apply.
- f. The minimum periods for Expanded Interconnection Services are in Section XI.G.2.

Continued

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. Access Service Request - Continued

5. Minimum Period Charges

When FIA is discontinued prior to the expiration of the Minimum Period, charges are applicable for the remaining months and/or fraction thereof of the Minimum Period.

The minimum period charge will be determined as follows:

- a. For Switched Access usage sensitive rate elements, the charge for the minimum period, or fraction thereof, is equal to the applicable rates for the actual or assumed usage for the minimum period or such fraction thereof. For Switched Access flat-rated monthly elements (i.e., Entrance Facility, Direct-Trunked Transport and Multiplexing rates), the charge for the minimum period or fraction thereof is the applicable monthly rates for the service.
- b. For Special Access, the charge is the applicable monthly rate for service as set forth in the Special Access Section.
- c. For Common Lines, the charge is the applicable monthly rate as set forth in the exchange service tariffs of the Utility.

6. Cancellation of an ASR

- a. A customer may cancel ordered FIA on any date prior to the service date. The cancellation date is the date the Utility receives written or verbal notice from the customer that the ASR is to be canceled. The verbal notice must be followed by written confirmation within 10 days.

For Switched Access Tandem-Switched Transport or ASRs requesting additional trunk activations on existing Direct-Trunked Transport facilities, if a customer is unable to accept service within 30 days of the original service date, the ASR shall be considered canceled and appropriate charges will apply. In such instances, the cancellation date shall be the 31st day beyond the original service date of the ASR.

For Special Access, and Switched Access Entrance Facilities and Direct-Trunked Transport, if a customer is unable to accept service within 30 calendar days of the original service date, the customer has the choice of the following options:

- The ASR shall be canceled and charges will apply, or
- Billing for the service will commence.

In either case, the cancellation date or the billing date shall commence on the 31st calendar day beyond the original service date of the ASR.

Continued



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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. Access Service Request - Continued

6. Cancellation of an ASR - Continued

- b. ASR costs are considered to have started when the Utility incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred. The costs include, but are not limited to preliminary engineering, orders to suppliers, and other similar items of cost. For purposes of determining cancellation charges, the costs are considered to have started the day the Utility is scheduled to issue the confirmed ASR to all associated work groups. For all ASRs this is known as the Scheduled Issue Date. The customer will be notified of the applicable critical date interval on the Firm Order Confirmation (FOC) Date. The cancellation charges will not apply until the customer is notified of such charges.
- c. When a customer cancels an ASR for the installation of a new service or an ASR to modify existing service, charges will apply as follows:
- (1) When an ASR for Switched Access Service is canceled on or after the Scheduled Issued Date, the Cancellation Charge is calculated, on a per order basis, by multiplying the total Installation nonrecurring charges for the quantity ordered by the number of business days elapsed since the Scheduled Issued Date, and dividing that figure by the number of days in the service interval (i.e., the number of business days between the Scheduled Issued Date and the last day of the service date interval) and adding the Switched Access Ordering Charge.
  - (2) When an ASR for Special Access Service is canceled on or after the Scheduled Issue Date, the Cancellation Charge is calculated, on a per order basis, by multiplying the total nonrecurring charges for the quantity ordered by the number of business days elapsed since the order date, and dividing that figure by the number of days in the service interval (i.e., the number of business days between the order date and the last day of the service date interval).
  - (3) When a customer chooses to commence billing rather than cancel an ASR for these services, the customer must submit an ASR prior to calendar day 31 from the original service date and request a service date change. The new service date may not exceed the original service date by more than 120 calendar days. Charges will only apply for each subsequent service date change request after calendar day 31, not to exceed 120 calendar days.

When a customer elects to commence billing, monthly recurring charges will begin accruing at calendar day 31 after the original service date. Upon completion of the ASR, the initial bill for the service will include these accrued charges and any additional nonrecurring charges in addition to billable charges specified above.

If the ASR is not completed within 121 calendar days of the original service date, the ASR will be canceled. Cancellation charges in (C)(2) will apply. In addition, the customer will be billed the accrued monthly recurring charges specified above plus any additional nonrecurring charges applicable for the Service. These charges will be computed commencing at day 31 after the original service date up to and including the cancellation date, not to exceed 90 days of service (120 days from the original service date). The Utility will not reissue an ASR with a new service date beyond 121 calendar days. It will be the customer's responsibility to submit a new ASR for Switched or Special Access Service as appropriate.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. Access Service Request - Continued

6. Cancellation of an ASR - Continued

- d. If the Utility misses a service date by more than 30 days due to circumstances over which it has direct control (excluding e.g., acts of God, government requirements, work stoppage and civil commotions, etc.), the customer may cancel the FIA order without incurring cancellation charges.
- e. For cancellation of an ASR for Switched Access FGD or BSA-D before an end office converts to equal access, cancellation charges as set forth following will apply if the Utility is notified of the cancellation within a period of 12 months prior to the scheduled service date. Cancellation charges apply to each trunk canceled.

When, due to a shortage of FGD or BSA-D facilities, an allocation of FGD or BSA-D facilities is made, cancellation charges apply only to those circuits allocated to the customer.

Cancellation charges will accrue to the maximum in equal monthly increments (i.e., maximum cancellation charge divided by 12) beginning twelve months before an end office converts to equal access. Maximum cancellation charges are listed in this section under RATES. The charge applied will be the accrued charge in the month during which notice of cancellation is received by the Utility.

7. Discontinuance of Switched Access FGD or BSA-D

A Discontinuance Charge applies if a customer discontinues FGD or BSA-D service provided at the conversion of an end office to equal access.

The Discontinuance Charge applies to each FGD or BSA-D trunk discontinued with one exception. When the FGD or BSA-D service is a result of an upgrade from FGB, FGC, BSA-B, BSA-C or SAC Access Service trunks in service prior to conversion to equal access the Discontinuance Charge will only apply to the number of FGD or BSA-D trunks being discontinued that are in excess of the number of FGB, FGC, BSA-B, BSA-C or SAC Access Service trunks in service prior to the conversion to equal access. However, the customer may still be liable for any minimum period charges that may be applicable to the FGB, FGC, BSA-B, BSA-C or SAC Access Service trunks that were in service prior to conversion.

For purposes of calculating the Discontinuance Charge, the Maximum Discontinuance Charge as shown in this section under RATES will be amortized in equal monthly increments (i.e., Maximum Discontinuance Charge divided by 12) over a 12 month period beginning on the date the end office converts to equal access.

The Maximum Discontinuance Charge is equal to the FGD or BSA-D Maximum Cancellation Charge. The charge assessed will be the unamortized portion of the Maximum Discontinuance Charge.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

C. Access Service Requests For Services Provided By More Than One Utility

1. Switched or Special Access Services provided by more than one utility are services where one end of the Switched Transport or Special Transport service is in the operating territory of one utility and the other end of the service is in the operating territory of a different utility.

The ordering procedure for this service is described in a. The utility will notify the customer, identifying which ordering procedures will apply.

- a. Single Company Billing

The utility receiving the ASR from the customer will arrange to provide the service and bill the customer as described in General Regulations.

1. For Switched Access Services the customer will place the ASR with the Utility in whose territory the following is located:

- FGA or BSA-A - dial tone office

When the preceding is not in the same utility's territory as the customer designated location (CDL), the customer must supply a copy of the ASR to the utility in whose territory the CDL is located.

- b. Meet Point Billing

Each utility will provide its portion of the Switched Transport or Special Transport Service within its operating territory to the meet point with the other utility(s). The BP will be determined by the telephone companies involved in providing the FIA service.

For all Switched Access Services and all Special Access Services the order will be placed with the utility based upon industry guidelines.

When FGA or BSA-A is ordered in a Multicarrier Access Area, the customer must provide a copy of the order to the SEC. The SEC will as in VI.C.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

D. Switched Access Minimum Capacity Requirements

1. When a customer orders Switched Access it will be provided subject to the minimum capacity provisions below.
2. There is no minimum capacity for Interface Arrangements 1 and 2 or Public Access Lines. The minimum capacity provided for Interface Arrangements 3 through 10, and for which charges are applicable, is set forth following.
3. For the purpose of administering the minimum capacity provision, different Switched Access feature groups for the same customer may be grouped together if the facilities provided for all the connections are the same and terminate in the same facilities terminal in the same Utility access tandem or end office.
4. The following table provides the total capacity of the interface and the thresholds for minimum ASR requirements. When the customer requests one of the following- it is required to order sufficient lines for FGA, and sufficient trunks or BHMC for FGB, FGC, or FGD to satisfy the minimum capacity. When the customer requests more than one of the same interface arrangements, it is required to meet the total minimum capacity of all such interface arrangements.

<u>Interface Arrangement</u> <u>Type</u>	<u>Name</u>	<u>Total</u> <u>Capacity</u> (circuits)	<u>Minimum</u> <u>Capacity</u> (circuits)
Analog	Group	12	9
Analog	Supergroup	60	42
Analog	Mastergroup	600	420
Digital	DS1	24	17
Digital	DS1C	48	34
Digital	DS3	672	471
Digital	DS3C	1,344	941

5. When FG-A, or B, provided via an interface with a minimum requirement is disconnected, and the disconnect causes the in-service capacity to fall below the minimum requirement, charges will be assessed based on the minimum capacity requirement.

When FG-C or FG-D provided via an interface with a minimum requirement is disconnected and the disconnect causes the in-service capacity to fall below the minimum requirement, the minimum monthly charges will be assessed based on the minimum capacity requirements.

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FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

RATES

	<u>CHARGE</u>
A. Service Date Change Charge	
Switched Access	\$74.43
Special Access	63.99
B. FGD Maximum Cancellation Charge Per trunk	613.49

Continued

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FACILITIES FOR INTRASTATE ACCESS

VII. Mileage Calculation Methodology

A. The V&H coordinate method used to determine the actual mileage is as set forth in NECA Tariff FCC No. 4.

B. Serving Wire Centers Within General Telephone of California

Serving wire centers, common language location codes, wire center V&H coordinates, office type, NPA and NXX codes are listed in the NECA Tariff FCC No. 4.

C. Point of Connection (POC) Information

<u>POC CLLI</u>	<u>POC VERT</u>	<u>HORIZ</u>	<u>LEC</u>	<u>LATA</u>
ARDCAX001	9186	7846	GTPB	730
BLFLCAX001	9244	7853	GTPB	730
BLGRCAX001	9228	7858	GTPB	730
CCMNCAM001	9182	7747	GTPB	730
CCMNCAX001	9182	7748	GTPB	730
CLCYCAM002	9226	7906	GTPB	730
CLCYCAX001	9230	7903	GTPB	730
COTNCAP001	9180	7710	GTPB	730
CRTSCAM001	9245	7832	GTPB	730
CYINCAM001	9211	7839	GTPB	730
CYPRCAM001	9260	7826	GTPB	730
DMBRCAX001	9221	7803	GTPB	730
EDMTCAX001	9209	7703	GTPB	730
ELMNCAM001	9200	7834	GTPB	730
ELRICAX001	9196	8053	GTPB	730
FNVYCAM001	9279	7809	GTPB	730

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FACILITIES FOR INTRASTATE ACCESS

VII. Mileage Calculation Methodology - Continued

C. Point of Connection (POC) Information - Continued

<u>POC CLLI</u>	<u>POC VERT</u>	<u>HORIZ</u>	<u>LEC</u>	<u>LATA</u>
FWLRCAV001	8698	8208	CTPB	728
FWLRCAV002	8684	8224	GTPB	728
FWLRCAV003	8688	8204	CTPB	728
HGIDCAM001	9172	7693	GTPB	730
HGLDCAM002	9169	7700	GTPB	730
HNBHCAM001	9291	7810	GTPB	730
KNWDCAV001	8354	8763	GTPB	722
LAHBCAM001	9232	7819	GTPB	730
LAMRCAM001	9240	7832	GTPB	730
LGNGCAM001	9320	7763	GTPB	730
LNBHCAP001	9248	7850	GTPB	730
LNBHCAV001	9257	7836	GTPB	730
LNCSCAV001	9082	7881	GTPB	730
LNDSCAV001	8769	8102	GTPB	730
LSANCAV001	9216	7909	GTPB	730
MDVWCAV001	8325	8580	GTPB	726
MNBHCAX001	9252	7898	GTPB	730
MNRVCAX001	9189	7838	GTPB	730
MNRYCAX001	9231	7902	GTPB	730
MNTBCAX001	9222	7850	GTPB	730

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FACILITIES FOR INTRASTATE ACCESS

VII. Mileage Calculation Methodology - Continued

C. Point of Connection (POC) Information - Continued

<u>POC CLLI</u>	<u>POC VERT</u>	<u>HORIZ</u>	<u>LEC</u>	<u>LATA</u>
MNTBCAX002	9218	7849	GTPB	730
MRHLCAM001	8630	8566	GTPB	722
MRHLCAM002	8623	8573	GTPB	722
NHLLCAX001	9159	7934	GTPB	730
NIPMCAX001	9063	8299	GTPB	740
NORGCAM001	9176	7934	GTPB	730
NOVTCAX001	8431	8751	GTPB	722
NWBHCAP001	9303	7788	GTPB	730
ONTRCAX001	9200	7753	GTPB	730
PRMTCAX001	9239	7855	GTPB	730
PSDNCAX001	9187	7857	GTPB	730
RDBHCAX001	9252	7895	GTPB	730
RDLYCAP001	8696	8168	GTPB	728
RDLYCAV001	8692	8183	GTPB	728
RVSDCAM001	9215	7702	GTPB	730
SHOKCAX001	9201	7923	GTPB	730
SNBRCAM001	9174	7708	GTPB	730
SNBRCAM002	9175	7708	GTPB	730
SNBRCAM003	9177	7718	CTPB	730
SNBRCAP001	9183	7704	GTPB	730

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FACILITIES FOR INTRASTATE ACCESS

VII. Mileage Calculation Methodology - Continued

C. Point of Connection (POC) Information - Continued

<u>POC CLLI</u>	<u>POC VERT</u>	<u>HORIZ</u>	<u>LEC</u>	<u>LATA</u>
SNBRCA001	9175	7712	GTCT	730
SNJSCAV001	8601	8632	GTPB	722
SNLDCAX001	9172	7888	GTPB	730
SNPLCAP001	9162	8018	GTPB	730
SNTNCAM001	9265	7821	GTPB	730
SNVYCAM001	9176	7914	GTPB	730
SNVYCAP001	9175	7906	GTPB	730
SPLVCAM001	9181	7919	GTPB	730
SPLVCAM002	9182	7922	GTPB	730
STMRCV001	8783	8094	GTPB	728
THOKCAX001	9205	7983	CTPB	730
THOKCAX002	9190	7993	GTPB	730
TPNGCAM001	9206	7944	GTPB	730
TRNCCAM002	9253	7888	GTPB	730
TRNCCAX001	9269	7886	GTPB	730
TRNCCAX002	9262	7887	GTPB	730
VNTRCAP001	9181	8046	GTPB	730
WIMGCAM001	9271	7866	GTPB	730

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network

A. General

This section contains the rules and regulations pertaining to the provision of Packet Switching Network Service, Frame Relay Service, and BaseT Ethernet Digital Connect Switch Service. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this tariff.

B. Packet Switching Network Service<sup>1</sup>

1. Service Description

Packet Switching Network Service uses packet switching technology to provide a switched data transport service. This service uses analog and digital facilities to provide usage-sensitive data transport for a variety of interactive (or bursty) data applications between two or more customer designated locations (CDLs). The packet switch will be classified as a CDL.

Packet switching technology divides data streams into packets. The packet network examines, routes and transports packets individually without maintaining a physical path between bursts of data. This service is based on CCITT (Consultative Committee on International Telegraphy and Telephony) X.25 protocol and X.75 internetworking protocol. The X.25 and X.75 protocols are international standards developed by the CCITT that provide the foundation for Public Packet Switched Networks. Packet Switching Network Service and features are available where facilities and conditions permit.

2. Service Provisioning

Customers may access the Packet Switching Network through an X.75 internetworking access. Packet switching carriers with a Data Network Identification code may interconnect to an access port on the Packet Switching Network with X.75 protocol at transmission speeds of 9.6 Kbps or 56 Kbps. Each X.75 access will require an X.75 Access Port charge, a DDS Special Access Line charge (9.6 Kbps or 56 Kbps), associated DDS Special Transport charges, and Special Access Ordering charges set forth in Section III.

The Special Access Line and Special Transport charges provide analog or digital connections from the packet carrier's location to the access port on the Utility's packet network. Shared use (ratcheting) to provision the access connection is not permitted.

The packet switching carrier must provide the Utility with a Percent Intrastate Usage (PIU) in the Main Remarks section of the ASR when service is initially ordered. This PIU will be used as the basis for prorating charges to the interstate and intrastate jurisdictions. The packet switching carrier may submit an updated PIU report in writing at any time following one full month's billing. The updated report will become effective on the first day of the next monthly billing period which begins at least 15 business days after the date the revised report is received by the Utility.

Where the packet switching carrier's location is in another telephone company's territory the special access service c

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of February 13, 2004.

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

B. Packet Switching Network Service<sup>1</sup> - Continued

3. Rate Regulations

(a) Minimum Period

The minimum service period is one month.

(b) Rate Application

Usage will be rounded up to the nearest minute at the end of the billing period.

Fractional segments per transmission will be rounded up to the next segment.

The minimum billable unit for Kilosegments is one Kilosegment. Segments will be accumulated during the billing period and fractional Kilosegments will be billed as whole Kilosegments.

All usage will be billed at the rate schedule in effect when usage occurred. All usage will be treated as current for determination of volume discount application.

All call attempts and completions will be billable except where calls are blocked or terminated because of network failure or congestion.

Rates for usage of the packet network will apply in addition to the monthly recurring charges for X.75 access. Rates applicable for X.75 access include a monthly recurring rate and an installation charge per X.75 access port, and are specified in the RATES Section. A DDS Special Access Line charge (9.6 Kbps or 56 Kbps), associated DDS Special Transport and Special Access Ordering charges from Section III will also apply.

The night/holiday rate will apply to the following holidays:

New Year's Day	Independence Day	Thanksgiving Day
Presidents' Day	Labor Day	Christmas Day
Memorial Day	Veteran's Day	

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of February 13, 2004.

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

B. Packet Switching Network Service<sup>1</sup> - Continued

3. Rate Regulations - Continued

(c) Usage Plans

The customer must select either the Basic Plan, Transaction Plan, or the High Volume Plan.

(1) Basic Plan

Basic Plan rates include both a per minute of use charge and a charge per kilosegment transmitted.

Usage will be rated at the day rate (8:00 a.m. to 5:00 p.m.) for that portion of the call in effect during the day rate period and at the night/holiday rate (after 5:00 p.m. and before 8:00 a.m. and all day on Holidays) for that portion of the call in effect during the night/holiday period. When a call begins in one rate period and ends in another, the rate in effect for each rate period applies to the portion of the message occurring within that rate period. Refer to the RATES Section for rates.

(2) Transaction Plan

Usage rates for the Transaction Plan are charged per transaction. A maximum of 15 seconds is allowed for each billable transaction. Usage over 15 seconds will be charged an overtime rate in 15 second increments at the rate specified in the RATES Section.

(3) High Volume Plan

High Volume rates include a per minute of use charge and a charge per kilosegment transmitted.

Per minute of use charges will be rated at the day rate (8:00 a.m. to 5:00 p.m.) for that portion of the call in effect during the day rate period and at the night/holiday rate (after 5:00 p.m. and before 8:00 a.m. and all day on holidays) for that portion of the call in effect during the night/holiday period. When a call begins in one rate period and ends in another, the rate in effect for each rate period applies to the portion of the message occurring within that rate period.

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of February 13, 2004.

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

B. Packet Switching Network Service<sup>1</sup> - Continued

3. Rate Regulations - Continued

(c) Usage Plans - Continued

(3) High Volume Plan - Continued

In addition, incremental usage charges will apply based on the tapered schedule shown below. Day/night/holiday rates do not apply to the incremental usage charges.

Kilosegment

0001 - 2000  
2001 - 4000  
4001 - 6000  
6001 and over

Example:

For a total of 5000 Kilosegments, the incremental usage rates would be applied as follows:

- 2000 Kilosegments billed at the rate specified per Kilosegment for 0001 – 2000 Kilosegments
- 2000 Kilosegments billed at the rate specified per Kilosegment for 2001 – 4000 Kilosegments
- 1000 Kilosegments billed at the rate specified per Kilosegment for 4001 – 6000 Kilosegments

Refer to the RATES Section for rates.

4. Supplemental Features

Fast Select - allows a sending data terminal to forward up to 128 bytes of data along with call setup and clearing packets. This feature is available to all customers and is initiated on a call-by-call basis.

Priority - allows a customer to establish a "priority" status to the customer's data as it processes through the network. This feature is available to all customers and is initiated on a call-by-call basis.

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of February 13, 2004.

Continued

FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

B. Packet Switching Network Service<sup>1</sup> - Continued

5. Rates and Charges

	Nonrecurring Charge	Monthly Rate	
	<u>9.6 Kbps/56 Kbps</u>	<u>9.6 Kbps</u>	<u>56 Kbps</u>
(a) <u>X.75 Access, per port</u>	\$100.00	\$75.00	\$130.00
(b) <u>Usage Rates</u>	<u>Per Minute or Portion Thereof</u>	<u>Per Kilosegment</u>	
(1) <u>Basic Plan</u>			
Day Rate	\$ .015	\$.30	
Night/Holiday Rate	.005	.20	
	<u>Initial 15 Seconds or Less</u>	<u>Each Add'l 15 Seconds of Overtime or Less</u>	
(2) <u>Transaction Plan, per transaction</u>	\$.01	\$.01	
(3) <u>High Volume Plan</u>		<u>Per Minute or Portion Thereof</u>	
Day Rate		\$.015	
Night/Holiday Rate		.005	
Per Kilosegment			
0001 - 2000 Kilosegments		.30	
2001 - 4000 Kilosegments		.27	
4001 - 6000 Kilosegments		.23	
6001 and over Kilosegments		.18	
(c) <u>Supplemental Features</u>		<u>Rate</u>	
Fast Select, Per Virtual Connection		\$.001	
Priority, Per Kilosegment		.35	

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of February 13, 2004.

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup>

1. General

Frontier hereby requests an extension, until July 1, 1997, of its Frame Relay Service (FRS) Tariff which was approved on a provisional basis by the California Public Utilities Commission (Commission) in Resolution T-15766, issued August 11, 1995.

2. Service Description

Frame Relay Service (FRS) is a "fast packet" network service that permits the two-way transmission of data at speeds from 56 Kbps up to 45 Mbps using Permanent Virtual Circuits (PVCs).

PVCs are logical circuits that define a specific path for data sent by the customer to another location. These circuits are virtual because they are established in software tables and do not tie up capacity when not in use. This also allows multiple paths (PVCs) to be defined on any given port, thereby providing a single access line the capability to transmit data to multiple destinations.

In operation of Frame Relay Service, customer premises equipment, such as routers, encapsulate arriving data into variable length frames. These frames contain information identifying which PVC in the network should be used to forward the frame to the proper destination. The customer premises equipment then sends the frame into the Frame Relay network. The Frame Relay switch reads identifying information and routes the frame to the proper destination based on a pre-established PVC path.

The statistical multiplexing Frame Relay switches are able to provide shared network resources to end users of this service.

Frame Relay Service conforms to ITU-T (Telecommunication Standardization Bureau of the International Telecommunication Union), formerly Consultative Committee for International Telegraph and Telephone (CCITT) and American National Standards Institute (ANSI) publications T1.602, T1.606, T1.617 and T1.618.

The Committed Information Rate (CIR) and the Excess Burst Size B(e) are traffic management parameters that allow the customer to fine tune implementation of Frame Relay Service.

Clear Channel Capability will be provided upon request and where deemed applicable by the Utility. Optional Payment Plan (OPP) arrangements are available as set forth under VIII.C.6.d.

The regulations and rates specified for Frame Relay Service are in addition to any other applicable regulations and rates specified in other sections of this tariff.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

3. Service Provisioning

Frame Relay is a transport service that facilitates the exchange of variable length information units (frames) between end user connections by way of assigned virtual connections. Each frame is passed to the Frame Relay network with an address that specifies the virtual connection.

Variable frame length capability is useful in communication between asynchronous Local Area Networks (LANs) and for transport of synchronous data traffic. Frame Relay is capable of handling the requirements of bursty data sources because of the ability of the service to allocate additional bandwidth when not in use by other sources.

Frame Relay is provided to the customer in the form of the Frame Relay User-to-Network Interface (UNI) Port with Access Line, or Frame Relay Port Only, Frame Relay Private Network-to-Network (NNI) Port Only, and Permanent Virtual Circuits (PVCs). The Frame Relay Access Line forms the component which provides the customer access to the customer's serving wire center and interoffice transport from the customer's serving wire center to the Frame Relay Switch.

The Frame Relay Access line is provided for use only with Frame Relay Service and where pre-established by the Utility. DS3 is available on a UNI or NNI port only basis and the DS3 access line is available from Section III, Special Access. The Frame Relay Port Only and Private NNI Port Only offerings are provided for digital special access connections to the network supporting Frame Relay Service. Digital special access lines and associated transport are available from Section III.

PVCs are provisioned on a specified speed and Committed Information Rate (CIR) basis, depending upon the customer's request. The actual throughput of aggregated PVC bandwidths in use at the same time on the same port cannot exceed the port speed. Since multiple PVCs may be defined on one physical port, it is possible for the cumulative CIRs to exceed the physical bandwidth of that port. This is referred to as over-subscription and when this occurs, there can be no guarantee that the CIR defined for that port and PVC will be available at any point in time.

No PVC can have a CIR greater than the lower of the two port speeds connected by the PVC segment.

A PVC must be associated with at least one Frame Relay Port. A Frame Relay Port can be associated with multiple PVCs.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

3. Service Provisioning - Continued

A customer subscribing to a FRS port or port with access line will be referred to as the Controller of the Frame Relay Port. A separate entity may subscribe, with written authorization from the Controller, to a PVC which allows communication between entities. A disconnect of a PVC does not result in the disconnect of the underlying access line and port. Only the Controller may order the disconnect of the Frame Relay Access Service. Both customers must have a Frame Relay Service.

The Controller of each Frame Relay Access Service must have written permission from the Controller(s) of each of the Frame Relay Services to which a PVC is requested.

CIR is the maximum information rate at which the customer's traffic will be admitted to the Frame Relay network without being designated eligible for discard. CIR and Excess Burst Size, B(e), are traffic management parameters that allow the customer to fine tune implementation of Frame Relay Service.

Occasionally, in order to perform software updates and other maintenance, it may be necessary to take the Frame Relay Switch out of service, during the predetermined maintenance windows of 12:01 AM to 6:00 AM. In these cases, all attempts will be made to notify the customer in advance as to the time and duration of these outages. The Utility reserves the right to temporarily interrupt Frame Relay Service at other times in emergency situations.

The Frame Relay Port with PVC may be ordered and billed separately from an associated Frame Relay Port and PVC and can have different customers as Controllers.

The Utility does not undertake to originate data, but offers the use of its service components, where available, to customers for the purpose of transporting customer-originated data.

Frame Relay Service is available where facilities and conditions permit.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

4. Obligations of the Telephone Company

In addition to the general conditions described under the General Regulations Section, when a customer requests a path which is related to other Local Exchange Carriers, Interexchange Carriers or other Frame Relay networks, the Utility will provide advisory assistance as a part of the establishment of this PVC.

The Utility has the service responsibility up to and including the network interface.

5. Obligations of the Customer

In addition to the general conditions described under the General Regulations Section:

- The customer's Frame Relay terminal equipment has the responsibility for retransmitting frames which are discarded due to errors or network congestion.
- The customer, upon request, shall furnish such information as may be required to permit the Utility to design and maintain the Frame Relay Service it offers and to assure that the service arrangement is in compliance with the regulations contained herein.
- It shall be the responsibility of the customer to ensure the continuing capability of the customer-provided equipment (CPE) that is used in conjunction with the Frame Relay Service. The CPE shall be in compliance with the Commission's rules and regulations.
- The customer shall be responsible for obtaining permission for the Utility's agents or employees to enter the premises of the customer or its users at any reasonable hour for the purpose of installing, inspecting, repairing, or, upon termination of the service, removing the service components of the Utility.
- At service subscription, the customer must specify the CIR and B(e) for each PVC ordered. CIR is the maximum information rate at which the customer's traffic will be admitted to the Frame Relay network without being designated eligible for discard.
- Error correction is the responsibility of the customer's terminal equipment and/or applications. If the FRS network experiences congestion or failures, customer data may be discarded. In addition, frames that are received in excess of the MBR, with bad addresses, or other errors, will be discarded on ingress to the network.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

6. Rate Regulations

a. Minimum Period

The minimum period for Frame Relay Service is one month, except, when provided under an Optional Payment Plan (OPP) arrangement. The regulations applicable to FRS provided under an OPP arrangement are specified in C.6.d. 45 Mbps Frame Relay UNI Ports are offered on a 1 year, 3 year or 5 year basis. PVCs, Frame Relay multicasting, and Frame Relay to ATM Service Interworking Conversion are not offered under an OPP. When PVCs are added to existing Frame Relay Service, the minimum period for the added PVCs is one month.

b. Rate Elements

In addition to the appropriate Service Installation and Ordering Charges as set forth in Section III, the following charges applies.

(1) Frame Relay UNI Port and Access Line

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56 Kbps, 128 Kbps, 256 Kbps, 384 Kbps or 1.544 Mbps), apply per port for each Frame Relay Access Line or digital private line connection to the network supporting Frame Relay Service. Each port can accommodate multiple PVCs. Each UNI Port and Access line includes a single Digital Link Connection Identifier (DLCI). Each DLCI includes a CIR value up to 50% of the lower port speeds connected by the PVC of the DLCI, or a maximum of 384 Kbps.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

6. Rate Regulations - Continued

b. Rate Elements - Continued

(2) Frame Relay Port Only or Private NNI Port Only

A nonrecurring charge and a monthly rate, based on the speed of the port connection (i.e., 56 Kbps through DS3) apply per port for each Frame Relay Access Line or digital private line connection to the network supporting Frame Relay Service. Each port can accommodate multiple PVCs.

(a) Private Network-to-Network Interface (NNI) Port Only

The NNI port configuration is used for connecting two networks together for bidirectional messaging. Access facilities to the nearest Utility Frame Relay switch are available from the Special Access, Section III of this tariff. Applicable Special Access Rate Elements include the appropriate Special Access Line and Transport rate elements. Each Private NNI Port Only includes a single DLCI (PVC). Each DLCI includes a CIR value up to 50% of the lower port speeds connected by the PVC of the DLCI, up to a maximum of 384 Kbps.

(b) Port Only

The Port Only provides for a user to carrier connection (i.e., Frontier to Local Exchange Carrier Extended UNI). Access facilities to the nearest Utility Frame Relay capable service wire center are available as noted in (a) above. Each Port Only includes a single DLCI (PVC). Each DLCI includes a CIR value up to 50% of the lower port speeds connected by the PVC of the DLC1, up to a maximum of 384 Kbps.

(3) Frame Relay CIR

Customers may purchase additional Committed Information Rate (CIR) above the CIR included with each Port and Access, Port Only and Private NNI Port Only rate elements. The CIR purchased will be the amount of CIR above the standard amount included with a Frame Relay Service. Additional CIR is applied on a per PVC basis. One hundred percent (100%) CIR will be allowed where conditions and infrastructure permit.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

6. Rate Regulations - Continued

b. Rate Elements - Continued

(4) Priority PVC-1 and Priority PVC-2

Customers may purchase Priority PVC-1 or Priority PVC-2, to prioritize PVCs, at a higher rate and in lieu of PVCs. Priority PVC will help to ensure maximum performance and satisfaction for applications such as Voice over Frame Relay. The Priority PVCs are CIR based, applicable rates apply for each PVC.

(5) Subsequent Order Charge

When a customer orders additional PVCs, CIR, Fault Resilient Service, Multicasting Service Additional PVC, or changes PVC assignments on a Frame Relay port after the initial port installation, the Subsequent Order Charge will apply per order.

(6) Frame Relay Multicasting

Frame Relay Multicasting allows customers to send the same data frame to multiple destinations simultaneously. The Dedicated Destination Permanent Virtual Circuits must be predefined in the customer's Frame Relay Service.

The customer identifies a Multicasting Originating Permanent Virtual Circuit (PVC) and the Dedicated Destination PVCs at the time the order is placed. The Multicasting Originating PVC and Dedicated Destination PVCs will be the components that comprise the customer's Multicasting Arrangement. Data may only flow from the Multicasting Originating PVC to the Dedicated Destination PVCs. A Dedicated Destination PVC may not also serve as an originating PVC.

A non-recurring charge and a monthly rate apply for each Multicasting Originating PVC. PVC rates as specified in this tariff apply to the Dedicated Destination PVC(s). For Committed Information Rate (CIR) above the included value, a CIR monthly recurring charge applies per Dedicated Destination PVC. A Subsequent Order Charge applies per order for additions, deletions or changes to a Multicasting Arrangement.

The Frame Relay Multicasting Service is only available over a User-to-Network Interface. The Frame Relay Multicasting Service will be provisioned where available.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

6. Rate Regulations - Continued

b. Rate Elements - Continued

(7) Frame Relay to ATM Service Interworking Conversion

A monthly recurring charge applies, based on the CIR ordered, for each Frame Relay PVC service interworked to an ATM service. This charge is in addition to any applicable Frame Relay, PVC, CIR rate elements and any ATM charges.

(8) Fault Resilient Service

Frame Relay Fault Resilient Service provides the customer the option to establish a backup Frame Relay Service (Secondary Port) and request PVC(s) rerouting to the backup port in the event of a service failure at a customer's primary location.

Fault Resilient Service establishes a single Secondary Port for one or more Primary Ports. Fault Resilient Service can only be activated on one of the Primary Port(s) at any time. Upon activation all PVCs on the Primary Port are rerouted to the Secondary Port utilizing the same DLCI assignments that were established on the Primary Port.

When a service interruption occurs at a customer's site, the customer contacts the Utility to activate the Fault Resilient Service to the Secondary Port. Upon restoration of the customer's primary site, the customer contacts Utility to have the Primary Port restored.

Fault Resilient Service is available at 56 Kbps, 128 Kbps, 256 Kbps, 384 Kbps, DS1 and DS3 Port Speeds. The Secondary Port must be of equal or higher port speed.

A non-recurring charge applies per Fault Resilient Service for the initial set up of the service. A non-recurring charge applies per "Activation and Restoration" of the Fault Resilient Service. Applicable non-recurring charges and monthly rates apply for each Primary and Secondary Port.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

6. Rate Regulations - Continued

b. Rate Elements - Continued

(9) Customer Network Management (CNM)

A customer may link to the Frame Relay network management system and obtain visibility to their portion of the network. CNM will allow the customer to obtain real time status and performance information such as PVC availability, number of discarded frames, utilization and related data. The customer must have a Simple Network Management Protocol (SNMP) based management system. The customer only needs to purchase one CNM to manage their FRS Network.

c. Rate Application

A customer may access Frame Relay Service (FRS) via a Frame Relay Access Line or via Utility provided digital access facilities offered under Section III. If a customer utilizes a special access line to access FRS, the associated regulations, rates and charges for such facilities shall apply in addition to the rates and charges associated with the FRS rate elements.

A customer utilizing special access facilities to access FRS would incur the monthly rate and nonrecurring charge associated with the Frame Relay UNI or Private NNI Port Only charge for standard arrangements. The UNI port provides for a user to frame relay switch connection. The NNI Port provides for a frame relay switch to frame relay switch connection.

Administrative changes to existing service will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name, i.e., the customer of record does not change but rather the name of record changes its name, e.g., XYZ Company to XYZ Communications,
- Change of customer premises address when the change of address is not a result of a physical relocation of facilities,
- Change in billing data (name, address, or contact name or telephone number),
- Change of customer contact name or telephone number, and
- Change of customer service element identification.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

6. Rate Regulations - Continued

c. Rate Application - Continued

The Subsequent Activity Charge is applicable anytime a customer makes a change to the port termination speed and there is no change to the access link. This charge is in addition to the Subsequent Ordering Charge-Special Access, as set forth in Section III. Changing the speed of the access link will incur an installation charge for the new access link and an installation charge for the new port termination except as described in C.5.d.5. These charges are in addition to the Initial Ordering Charge-Special Access, set forth in Section III.

The Frame Relay Access Line and its associated PVC segment(s) may be ordered and billed separately from an associated frame relay port and PVC and can have different Controllers, as discussed in C.2. A request by one customer to discontinue a PVC does not result in the disconnection of the Frame Relay Line and Port. Only the Controller of a Frame Relay Access Line may authorize a disconnect of that line.

d. Optional Payment Plan (OPP)

(1) General

- (a) The terms and conditions specified herein are applicable to Frame Relay Service and are in addition to other regulations as specified in this tariff.
- (b) The Frame Relay UNI Port with Access Line, Frame Relay Port Only and the Frame Relay Private NNI Port Only rate elements are available under an OPP. Digital Special Access Service and additional features are available at their tariffed rates and regulations. PVCs, CIR and Frame Relay to ATM Service Interworking Conversion rate elements are not offered under an OPP.
- (c) Frame Relay OPP rates will not be greater than the standard month-to-month Frame Relay rates for the same elements.
- (d) Three year and five year OPP rates will be equal to or less than the one year OPP rates. Decreases to the one year OPP rates will flow through to the three year and five year OPP rates.
- (e) Payment periods of one year, three years, and five years are available to all customers at the applicable rates set forth in the Rates Section regardless of when they subscribe to an OPP arrangement.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued



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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

6. Rate Regulations - Continued

d. Optional Payment Plan (OPP) - Continued

(1) General - Continued

- (f) The customer must designate on the ASR/Order the payment period for the OPP.
- (g) Inside moves, provided in accordance with Section III, G.4.b., will not incur termination liability charges.
- (h) Outside moves, provided in accordance with Section III, G.4.b., will allow the customer to retain the same OPP payment period. Any other move will be treated as a disconnect of the service and termination liability charges will apply.
- (i) Frame Relay Permanent Virtual Circuits (PVCs) and the Customer Network Management are not available under an OPP.

(2) Changes in Length of OPP Period

Prior to the completion of the selected OPP period, the customer may elect to convert to a new OPP period of the same or different length, subject to the following conditions:

- No credit toward the new payment period will be given for payments made under the original OPP arrangement.
- Nonrecurring charges will not be reapplied for existing service(s).
- If the new OPP period is shorter in length than the time remaining under the existing OPP, the change to the new OPP period constitutes a disconnect of the existing OPP service and termination liability charges apply.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

6. Rate Regulations - Continued

d. Optional Payment Plan (OPP) - Continued

(3) Renewal Options

- (a) At the expiration of an OPP period, the Utility will automatically renew the service at the same OPP period unless the customer chooses to convert to a different OPP period, convert to month-to-month rates or discontinue service.
- (b) Conversion to a different OPP period will require the customer to submit a change order ASR. Conversion to a different OPP period will be allowed without application of any nonrecurring or ordering charges.
- (c) Conversion to month-to-month rates will be treated as a disconnect of service and establishment of new service. If no other changes are ordered, only the Initial Ordering Charge
  - Special Access will apply per required ASR/Order.

(4) Notification of Discontinuance

An ASR/Order for discontinuance of an OPP arrangement must be received by the Utility at least thirty (30) days prior to actual disconnect of service. Monthly charges will apply for a period of thirty (30) days from the date the Utility receives disconnect notification or until the requested disconnect date, whichever period is longer.

(5) Upgrade to Higher Speed Service

Customers may elect to upgrade service(s) to a higher speed during an OPP period, subject to the following conditions:

- Nonrecurring Charges will not apply to Special Access Lines as set forth in Section III of this tariff.
- Termination liability charges will not apply as long as the upgraded service remains connected at the same point of terminations(s) and is provided by the Utility.
- The order to discontinue a service at an existing speed or capacity and the order for the upgraded service are received by the Utility at the same time.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

6. Rate Regulations - Continued

d. Optional Payment Plan (OPP) - Continued

(5) Upgrade to Higher Speed Service - Continued

- The fixed period plan for the upgraded service(s) meets or exceeds the remaining length of the existing fixed-period plan.
- The total monthly rate of the new agreement is equal to or greater than the total monthly rate of the existing agreement period.
- The monthly rates for the upgraded service and/or service elements will be those in effect at the time of the service upgrade.
- Nonrecurring Charges will not apply to the upgraded Port or Port and Access Line.

(6) Termination Liability

When an OPP service is discontinued prior to the end of the period, termination liability charges, as set forth below, will apply based on the remainder of the OPP period in effect at the time of disconnect.

Charges will also be applicable if the number of services falls below the minimal amount of Frame Relay services (port only or port and access), defined at the start of the term period. Charges are set forth below with the penalty assessed for each service that falls below the minimum number multiplied by the number to attain the minimum term period commitment.

One Year OPP - 50% of any remaining portion of the first year's recurring charges for the inservice quantity.

Three Year OPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third years, the customer will be liable for 10% of the total monthly recurring charges in that time period for the inservice quantity.

Five Year OPP - 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second through fifth years, the customer will be liable for 20% of the total monthly recurring charges in that time period for the inservice quantity.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

6. Rate Regulations - Continued

d. Optional Payment Plan (OPP) - Continued

(7) Termination Without Liability

During an OPP period, should the currently effective rate for a customer's service increase, the customer may, at their option, terminate the OPP arrangement without penalty or liability. Request of termination must be received in writing.

(8) Credit of Termination Liability

Credit of termination liability charges for Frame Relay Services may be applicable in the case of re-establishment of similar Frame Relay Service of equal to or higher speeds within six months of termination for the same length of the OPP. The amount of credit will be one-sixth of the penalty times the number of months service is re-established until the sixth month.

e. Discounts for Qualifying Entities

See Schedule Cal. P.U.C. No. K-8 for qualifications and discounts for Schools, Libraries, Health Care Providers, and Community Based Organizations.

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

7. Rate and Charges

<u>a. Frame Relay UNI Port and Access Line, each</u> <sup>2</sup>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
<u>56 Kbps (DDS)</u>		
Month-to-Month	\$295.00	\$120.00
One Year OPP	295.00	115.00
Three Year OPP	-	110.00
Five Year OPP	-	105.00
<u>128 Kbps (2 x 64Kbps) (FT1)</u>		
Month-to-Month	395.00	185.00
One Year OPP	395.00	180.00
Three Year OPP	-	165.00
Five Year OPP	-	160.00
<u>256 Kbps (4 x 64Kbps) (FT1)</u>		
Month-to-Month	395.00	228.00
One Year OPP	395.00	223.00
Three Year OPP	-	218.00
Five Year OPP	-	213.00
<u>384 Kbps (6 x 64Kbps) (FT1)</u>		
Month-to-Month	395.00	265.00
One Year OPP	395.00	260.00
Three Year OPP	-	255.00
Five Year OPP	-	250.00
<u>1.544 Mbps (DS1)</u>		
Month-to-Month	395.00	510.00
One Year OPP	395.00	505.00
Three Year OPP	-	473.00
Five Year OPP	-	441.00

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
 Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

<sup>2</sup> Includes (1) PVC.

Continued

FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

7. Rate and Charges - Continued

b. Frame Relay with Port Only, each <sup>2</sup>

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
<u>56Kbps (DDS)</u> <sup>3</sup>		
Month-to-Month	\$125.00	\$ 70.00
One Year OPP	125.00	65.00
Three Year OPP	125.00	60.00
Five Year OPP	125.00	55.00
<u>128 Kbps (2 x 64Kbps) (FT1)</u> <sup>3</sup>		
Month-to-Month	225.00	80.00
One Year OPP	225.00	75.00
Three Year OPP	225.00	70.00
Five Year OPP	225.00	68.00
<u>256 Kbps (4 x 64Kbps) (FT1)</u> <sup>3</sup>		
Month-to-Month	225.00	115.00
One Year OPP	225.00	110.00
Three Year OPP	225.00	105.00
Five Year OPP	225.00	100.00
<u>384 Kbps (6 x 64Kbps) (FT1)</u> <sup>3</sup>		
Month-to-Month	225.00	145.00
One Year OPP	225.00	140.00
Three Year OPP	225.00	135.00
Five Year OPP	225.00	130.00

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
 Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

<sup>2</sup> Includes (1) PVC.

<sup>3</sup> Refer to Section III for the appropriate Special Access Line rate.

Continued

FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

7. Rate and Charges - Continued

b. <u>Frame Relay with Port Only, each</u> <sup>2</sup> - Continued	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
<u>1.544 Mbps (DS1)</u> <sup>3</sup>		
Month-to-Month	\$225.00	\$ 240.00
One Year OPP	225.00	235.00
Three Year OPP	225.00	230.00
Five Year OPP	225.00	225.00
<u>45 Mbps (DS3)</u> <sup>3</sup>		
Month-to-Month	395.00	1,180.00
One Year OPP	395.00	1,140.00
Three Year OPP	395.00	1,090.00
Five Year OPP	395.00	1,050.00

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
 Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

<sup>2</sup> Includes (1) PVC.

<sup>3</sup> Refer to Section III for the appropriate Special Access Line rate. DS3 Special Access Line will be provided Individual Case Basis (ICB).

Continued

FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

7. Rate and Charges - Continued

<u>c. Frame Relay Private NNI Port Only, Each</u> <sup>2</sup>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
<u>56Kbps (DDS)</u> <sup>3</sup>		
Month-to-Month	\$55.00	\$30.00
One Year OPP	55.00	27.00
Three Year OPP	55.00	23.00
Five Year OPP	55.00	20.00
<u>128 Kbps (2 x 64Kbps) (FT1)</u> <sup>3</sup>		
Month-to-Month	95.00	45.00
One Year OPP	95.00	40.00
Three Year OPP	95.00	35.00
Five Year OPP	95.00	30.00
<u>256 Kbps (4 x 64Kbps) (FT1)</u> <sup>3</sup>		
Month-to-Month	95.00	65.00
One Year OPP	95.00	60.00
Three Year OPP	95.00	55.00
Five Year OPP	95.00	50.00
<u>384 Kbps (6 x 64Kbps) (FT1)</u> <sup>3</sup>		
Month-to-Month	95.00	78.00
One Year OPP	95.00	75.00
Three Year OPP	95.00	72.00
Five Year OPP	95.00	69.00

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
 Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

<sup>2</sup> Includes (1) PVC.

<sup>3</sup> Refer to Section III for the appropriate Special Access Line rate. DS3 Special Access Line will be provided Individual Case Basis (ICB).

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

7. Rate and Charges - Continued

c. Frame Relay Private NNI Port Only, each <sup>2</sup> - Continued

1.544 Mbps (DS1) <sup>3</sup>

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
Month-to-Month	\$295.00	\$180.00
One Year OPP	295.00	170.00
Three Year OPP	295.00	160.00
Five Year OPP	295.00	150.00

45 Mbps (DS3) <sup>3</sup>

Month-to-Month	595.00	800.00
One Year OPP	595.00	750.00
Three Year OPP	595.00	725.00
Five Year OPP	595.00	700.00

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

<sup>2</sup> Includes (1) PVC.

<sup>3</sup> Refer to Section III for the appropriate Special Access Line rate. DS3 Special Access Line will be provided Individual Case Basis (ICB).

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

7. Rate and Charges - Continued

	<u>Monthly Rate</u>
d. Committed Information Rate (CIR)	
0 - 32 Kbps CIR	\$8.00
33 - 64 Kbps CIR	15.00
65 - 96 Kbps CIR	22.00
97 - 128 Kbps CIR	27.00
129 - 192 Kbps CIR	36.00
193 - 256 Kbps CIR	42.00
257 - 320 Kbps CIR	48.00
321 - 384 Kbps CIR	54.00
385 - 512 Kbps CIR	60.00
513 - 768 Kbps CIR	70.00
769 - 1,152 Kbps CIR	80.00
1,153 - 1,536 Kbps CIR	90.00
1,537 - 4,000 Kbps CIR	120.00
4,001 - 10,000 Kbps CIR	250.00
10,001 - 15,000 Kbps CIR	330.00
15,001 - 20,000 Kbps CIR	410.00
20,001 - 25,000 Kbps CIR	490.00
25,001 - 30,000 Kbps CIR	570.00
30,001 - 35,000 Kbps CIR	650.00
35,001 - 40,000 Kbps CIR	730.00
40,001 - 45,000 Kbps CIR	800.00

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

7. Rate and Charges - Continued

	<u>Monthly Rate</u>
e. Priority PVCs	
0 - 32 Kbps CIR	
Priority 1	\$10.00
Priority 2	8.80
33 - 64 Kbps CIR	
Priority 1	18.75
Priority 2	16.50
65 - 96 Kbps CIR	
Priority 1	27.50
Priority 2	24.20
97 - 128 Kbps CIR	
Priority 1	33.75
Priority 2	29.70
129 - 192 Kbps CIR	
Priority 1	45.00
Priority 2	39.60
193 - 256 Kbps CIR	
Priority 1	52.50
Priority 2	46.20
257 - 320 Kbps CIR	
Priority 1	60.00
Priority 2	52.80
321 - 384 Kbps CIR	
Priority 1	67.50
Priority 2	59.40

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

7. Rate and Charges - Continued

e. Priority PVCs - Continued

	<u>Monthly Rate</u>
385 - 512 Kbps CIR	
Priority 1	\$75.00
Priority 2	66.00
513 - 768 Kbps CIR	
Priority 1	87.50
Priority 2	77.00
769 - 1152 Kbps CIR	
Priority 1	100.00
Priority 2	88.00
1153 - 1536 Kbps CIR	
Priority 1	112.50
Priority 2	99.00
1537 - 4000 Kbps CIR	
Priority 1	150.00
Priority 2	132.00
4001 - 10000 Kbps CIR	
Priority 1	312.50
Priority 2	275.00
10001 - 15000 Kbps CIR	
Priority 1	412.50
Priority 2	363.00
15001 - 20000 Kbps CIR	
Priority 1	512.50
Priority 2	451.00

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service<sup>1</sup> - Continued

7. Rate and Charges - Continued

e. Priority PVCs - Continued

	<u>Monthly Rate</u>
20001 - 25000 Kbps CIR	
Priority 1	\$612.50
Priority 2	539.00
25001 - 30000 Kbps CIR	
Priority 1	712.50
Priority 2	627.00
30001 - 35000 Kbps CIR	
Priority 1	812.50
Priority 2	715.00
35001 - 40000 Kbps CIR	
Priority 1	912.50
Priority 2	803.00
40001 - 45000 Kbps CIR	
Priority 1	1,000.00
Priority 2	880.00

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

7. Rate and Charges - Continued

	<u>Monthly Rate</u>
f. Frame Relay to ATM Service Internetworking Conversion	
0 - 32 Kbps CIR	\$6.00
33 - 64 Kbps CIR	11.25
65 - 96 Kbps CIR	16.50
97 - 128 Kbps CIR	20.25
129 - 192 Kbps CIR	27.00
193 - 256 Kbps CIR	31.50
257 - 320 Kbps CIR	36.00
321 - 384 Kbps CIR	40.50
385 - 512 Kbps CIR	45.00
513 - 768 Kbps CIR	52.50
769 - 1,152 Kbps CIR	60.00
1,153 - 1,536 Kbps CIR	67.50
1,537 - 4,000 Kbps CIR	90.00
4,001 - 10,000 Kbps CIR	187.50
10,001 - 15,000 Kbps CIR	247.50
15,001 - 20,000 Kbps CIR	307.50
20,001 - 25,000 Kbps CIR	367.50
25,001 - 30,000 Kbps CIR	427.50
30,001 - 35,000 Kbps CIR	487.50
35,001 - 40,000 Kbps CIR	547.50
40,001 - 45,000 Kbps CIR	600.00

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

C. Frame Relay Service <sup>1</sup> - Continued

7. Rate and Charges - Continued

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
g. Subsequent Ordering Charge		
PVC, CIR, Fault Resilient Service, Multicasting Setup - Additional Circuit	\$10.00	\$0.00
h. Frame Relay Multicasting	40.00	75.00
i. Fault Resilient Service		
Initial Setup	350.00	0.00
Activation and Restoral	350.00	0.00
j. Frame Relay Permanent Virtual Circuit (PVC), each		
2 to 10 PVCs	10.00	8.00
11 to 20 PVCs	10.00	7.00
21 or More PVCs	10.00	6.00
k. Customer Network Management (CNM)	60.00	10.00

<sup>1</sup> Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Service. (C)  
Upon service term expiration, these services will transition to a Month-to-Month service arrangement. (C)

Continued

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

D. BaseT Ethernet Digital Connect Switch Service<sup>1</sup>

1. General

a. Service Description

This section contains the rules and regulations pertaining to the provision of BaseT Ethernet Digital Connect Switch Service. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this tariff.

BaseT Ethernet Digital Connect Switch Service is a high speed data service that offers broadband switching throughout the Utility's serving area. BaseT Ethernet Digital Connect Switch Service can be provided with either a lineside or trunkside interface.

BaseT Ethernet Digital Connect Switch Service is available as follows:

<u>Access Class</u>	<u>Connection</u>	<u>Information Transfer Rate</u>
	DS1	1.17 Mbps
1	DS3	4 Mbps
2	DS3	10 Mbps
3	DS3	16 Mbps
4	DS3	25 Mbps
5	DS3	34 Mbps

Customer premises are connected to the BaseT Ethernet Digital Connect Switch port via DS1 or DS3 Special Access Lines. The DS1 or DS3 Special Access Line must be ordered in addition to BaseT Ethernet Digital Connect Switch Service. Utility provided DS1 Special Access Lines are offered under Section III of this tariff and DS3 Special Access Lines are offered on an individual case basis. One BaseT Ethernet Digital Connect Switch address is assigned to each DS1 or DS3 service accessing the BaseT Ethernet Digital Connect Switch network. A maximum of sixteen addresses can be assigned to each DS1 or DS3.

The BaseT Ethernet Digital Connect Switch Service network will only transmit information between authorized users within a customer defined closed user group. A closed user group is a set of source and destination addresses allowed to exchange data traffic in the BaseT Ethernet Digital Connect Switch network.

b. Discounts for Qualifying Entities

See Schedule Cal. P.U.C. No. K-8 for qualifications and discounts for Schools, Libraries, Health Care Providers, and Community Based Organizations.

<sup>1</sup> BaseT Ethernet Digital Connect Switch Service is withdrawn as of November 16, 2005.

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FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

D. BaseT Ethernet Digital Connect Switch Service<sup>1</sup> - Continued

2. Rate Regulations

a. Minimum Period

The minimum service period is one month.

b. Rate Application

BaseT Ethernet Digital Connect Switch Service can be provided with either a lineside or trunkside interface.

(1) Lineside Interface

The Lineside Interface (LI) port is used to connect the customer to the BaseT Ethernet Digital Connect Switch network. A DS1 or DS3 Special Access Line is used to connect from the customer premises to the BaseT Ethernet Digital Connect Switch LI port. The BaseT Ethernet Digital Connect Switch LI port is available at the 1.17 Mbps speed when connected by the DS1 Special Access Line and at the 4 Mbps, 10 Mbps, 16 Mbps, 25 Mbps and 34 Mbps speeds when connected by a DS3 Special Access Line.

(a) Optional Features

Group Addressing

Group Addressing allows a single source to send the same data to a maximum of 128 recipients simultaneously. Installation and monthly rates for Group Addressing will be charged per group address.

(b) Subsequent Activity

Charges for changes will be made on a per service order basis. Changes include additions or deletions in group member addresses, additions or deletions in closed user group membership and upgrades in DS3 class of service (e.g., from 4 Mbps up to a maximum of 34 Mbps).

(2) Trunkside Interface

A Trunkside Interface (TI) port is only available at the 34 Mbps speed. Customers must have compatible switching and transport capabilities. A DS3 Special Access Line is used to connect the customer premises to the BaseT Ethernet Digital Connect Switch TI port. No BaseT Ethernet Digital Connect Switch optional features are available with the BaseT Ethernet Digital Connect Switch TI.

<sup>1</sup> BaseT Ethernet Digital Connect Switch Service is withdrawn as of November 16, 2005.

Continued

FACILITIES FOR INTRASTATE ACCESS

VIII. Advanced Communications Network - Continued

D. BaseT Ethernet Digital Connect Switch Service<sup>1</sup> - Continued

3. Rates and Charges

	<u>Nonrecurring Charges</u>	<u>Monthly Rate</u>	<u>Rate Ceiling</u>
(a) Lineside Interface, per port			
(1) DS1 - 1.17 Mbps	\$1,000.00	\$700.00	\$925.00
(2) DS3			
Class 1 ( 4 Mbps)	1,000.00	2,700.00	2,940.00
Class 2 (10 Mbps)	1,000.00	2,900.00	3,200.00
Class 3 (16 Mbps)	1,000.00	3,100.00	3,460.00
Class 4 (25 Mbps)	1,000.00	3,300.00	3,720.00
Class 5 (34 Mbps)	1,000.00	3,500.00	3,980.00
(b) Lineside Interface Optional Feature, Group Addressing, per group	50.00	--	--
(c) Lineside Interface, Subsequent Activity Charge, per order	25.00	--	--
(d) Trunkside Interface, per port Class 5 (34 Mbps)	1,000.00	3,300.00	3,720.00

<sup>1</sup> BaseT Ethernet Digital Connect Switch Service is withdrawn as of November 16, 2005.

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FACILITIES FOR INTRASTATE ACCESS

IX. Coin Services

A. General

This section contains the rules and regulations pertaining to the provision of 1+ Coin Presubscription Service for the handling of 1+ interLATA sent-paid traffic from the Utility's pay telephones.

B. Service Description

1+ Coin Presubscription Service provides the routing of 1+ interLATA sent-paid calls from Utility pay telephones to the presubscribed 0+ Interexchange Carrier (customer) directly, to its designated secondary service provider, or to the default carrier, provided said carrier continues to accept such default traffic. The default carrier option will expire when the default carrier ceases to accept such traffic or when the presubscribed 0+ provider is able to handle such calls or route them to secondary service provider, whichever comes first. The customer has the following options:

Utility pay telephones; or,

- (1) to receive the 0+ interLATA calls and select one secondary service provider per LATA to receive the 1+ interLATA sent-paid traffic; or,
- (2) to receive the 0+ interLATA calls and continue to default the 1+ interLATA sent-paid calls until the presubscribed 0+ provider is ready to handle (receive both 0+ and 1+ interLATA calls or to receive 0+ interLATA calls and select a secondary service provider per LATA for 1+ interLATA calls) such calls.

The customer is solely responsible for all 0+ and 1+ interLATA calls originating from the Utility pay telephone when it handles 1+ interLATA sent-paid traffic or selected a secondary service provider to handle the 1+ interLATA sent-paid calls.

The Utility must receive written authorization from the customer prior to routing 1+ interLATA sent-paid calls to the selected secondary service provider. If the customer selects a secondary service provider to handle 1+ interLATA sent-paid traffic, any arrangements will be solely between the customer and its selected secondary service provider.

C. Service Provisioning

The Utility will provide 1+ interLATA sent-paid access from equal access end offices to the customer's designated location via direct routed trunks from the end office or via its access tandem.

The Utility will provide, where available, either of two types of call setup signaling from its pay telephone, Tandem Access InterLATA Sent-Paid (TAISP) and Exchange Access Operator Service System (EAOSS) signaling from the access to the CDL. If the equal access end office is equipped with either TAISP or EAOSS functionality, TAISP or EAOSS signaling can be provided via direct trunking from the end office or via the access tandem to the CDL at the customer's option. If the equal access end office is equipped with only Modified Operator Service Signaling (MOSS) functionality, only MOSS will be provided for direct trunking from the end office to the CDL.

Coin control signaling will be either expanded in-band or multi-wink as determined by the Utility. In some areas, both types are present and for these locations it will be necessary for the customer to utilize separate trunk groups for the two types.

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FACILITIES FOR INTRASTATE ACCESS

IX. Coin Services - Continued

D. Collection and Remittance of Coin Station Monies

When the customer is provided Operator Assistance-Coin or Combined Coin and Noncoin or Operator Assistance-Full Feature Arrangements for sent-paid pay telephone access as set forth in Section II, the Utility will collect sent-paid monies from pay telephone stations and will remit monies to the customer as set forth in this section. Upon request from the customer the Utility will provide message call detail format and bill periods used to determine the monies.

E. Provision of Message Call Detail Concerning Coin Station Monies

Where Operator Assistance-Coin or Combined Coin and Noncoin or Operator Assistance-Full Feature Arrangements for sent-paid pay telephone access is provided to the customer and the customer wishes to receive the monies it is due for the monies collected by the Utility, from coin pay telephone stations, the customer shall furnish to the Utility, at a location specified by the Utility, the customer message call detail for the customer sent-paid (coin) pay telephone calls according to the Utility collection schedule. The customer message call detail furnished shall be in a standard format established by the Utility. The Utility will provide the precise details of the required standard format to the customer. If, in the course of Utility business, it is necessary to change the standard format, the Utility will provide notification to the involved customer six months prior to the change.

If no customer message call detail is received from the customer for each bill period established by the Utility, the Utility will assume there were no customer sent-paid (coin) pay telephone calls for the period. In addition the customer shall furnish a schedule of its charges for sent-paid (coin) calls to the Utility at a location and date specified by the Utility. Any changes in the customer's schedule of charges shall be furnished to the Utility one day after the charges become effective.

F. Payment of Coin Sent-Paid Monies

The Utility will collect the monies from coin pay telephones and will determine and remit amounts due to an IC for sent-paid pay telephone access, as follows:

1. Bill Period Coin Revenue

The Utility will establish a collection schedule for each coin pay telephone and will collect the monies from the coin pay telephones based on this collection schedule. The monies collected during each bill period established by the Utility will be identified by coin pay telephone and summed to develop the Bill Period Coin Revenue for each coin record day (i.e., the day a record is prepared and dated to show the amount due the IC).

2. Total IC Coin Revenue

The intrastate Total IC Coin Revenue will be determined by the Utility based on the call detail received from the customer for each bill period and the IC's schedule of charges for sent-paid coin calls. Such Total IC Coin Revenue will be developed each coin record day.

Continued

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FACILITIES FOR INTRASTATE ACCESS

IX. Coin Services - Continued

F. Payment of Coin Sent-Paid Monies - Continued

3. Recourse Adjustments

For each coin record day, the Utility will subtract from the Total IC Coin Revenue an amount for coin telephone shortages. Coin telephone shortages are amounts resulting from unauthorized calling at coin pay telephones, use of unauthorized coins (i.e., foreign coins, slugs and improper use of U.S. pennies), unauthorized removal of coins from coin pay telephones and coin refunds beyond the Utility's control. Such amounts will be rounded to the nearest-penny. The shortage factor will be determined by dividing the yearly total coin shortage amount by the yearly total coin revenue amount (i.e., total coin revenue equals the coin revenue due under exchange tariffs and interstate toll tariffs). The total coin shortage amount will be determined by the Utility through an annual special study.

4. Payment of Net IC Coin Revenue

The Utility will determine the Net IC Coin Revenue for each coin record day by subtracting from the Total IC Coin Revenue the amount for coin station shortages. On the date (payment date) determined by adding 45 days to the coin record day, the Utility will remit payment to the IC for the Net IC Coin Revenue.

5. Audit Provisions

Upon reasonable written notice by the IC to the Utility, the customer shall have the right through its authorized representative to examine and audit, all such records and accounts as recognized under accounting practices as containing information bearing upon the determination of the amounts payable to the IC. This examination shall occur during normal business hours and at reasonable intervals as determined by the Utility.

Adjustments shall be made by the proper party to compensate for any errors or omissions disclosed by such examination or audit. Neither such right to examine and audit nor the right to receive such adjustment shall be affected by any statement to the contrary, appearing on checks or otherwise, unless such statement expressly waiving such right appears in a letter signed by the authorized representative of the party having such right and delivered to the other party.

All information received or reviewed by the IC or its authorized representative is to be 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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FACILITIES FOR INTRASTATE ACCESS

X. Switched Access Volume Election (SAVE) Plans<sup>1</sup>

A. Description of Service

1. Service Description - General

A customer may elect to participate in the SAVE service offering. There are four SAVE plans:

- a. Originating MTS
- b. Terminating MTS
- c. Originating WATS
- d. Terminating 800

SAVE plans provide the customer with a Switched Access minutes of use (MOU) credit. The SAVE credit is based on specific end user calls generated over a customer's FGB, FGC and/or FGD trunks. The actual SAVE credit realized by the customer is determined by the volume of usage a specific end user generates each billing period under each plan. The SAVE credit is a discount of the Switched Transport Termination, End Office Switching and Information Surcharge rate elements. The Minimum Usage Requirement or Minimum Ordering Threshold applicable to selected SAVE plan(s) must be met to qualify a customer for a SAVE credit.

Several customers may subscribe the same end user to a SAVE plan(s).

For the originating usage plans, SAVE credit will be given to each customer subscribing an end user's lines to the SAVE plan. For terminating usage plans, a customer subscribing an end user to a plan will qualify all other customers delivering traffic to those SAVE lines for a SAVE credit in proportion to the minutes each customer contributes. If more than one terminating MTS customer subscribes the same end user, the user lines subscribed by each customer will be combined for the purposes of applying SAVE credits.

a. SAVE Plan 1 - Originating MTS

The Originating MTS SAVE plan provides for a Switched Access MOU credit to customers based on the volume of usage originated from a subscribed end user's line(s) within a single serving wire center equipped for equal access.

For a customer to be eligible for a SAVE credit, each SAVE subscribed end user must generate the Minimum Originating MTS MOU per billing period specified below. A Minimum Usage Charge applies if the Minimum Originating MTS MOU requirement is not met in a given billing period.

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of August 24, 2006. No moves, changes or additions will be permitted.

Continued

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FACILITIES FOR INTRASTATE ACCESS

X. Switched Access Volume Election (SAVE) Plans<sup>1</sup> - Continued

A. Description of Service - Continued

1. Service Description - General - Continued

b. SAVE Plan 2 - Terminating MTS

The Terminating MTS SAVE plan provides for a Switched Access MOU credit based on aggregated usage volumes of terminating MTS traffic from all customers to a subscribed end user's line(s), within a single serving wire center equipped for equal access. The SAVE credit is distributed back to each customer based on their respective MOU delivered to the subscribing end user's lines. Customers subscribing an end user to this plan are required to meet a Minimum Ordering threshold to participate.

For a customer to be eligible for a SAVE credit, each subscribed end user must generate the minimum Terminating MTS MOU per billing period specified below. If usage falls below the Minimum Terminating MTS requirement for three consecutive months the subscribed end user, at the Utility's discretion, may be dropped from participation in this plan.

c. SAVE Plan 3 - Originating WATS

The Originating WATS SAVE plan provides for a Switched Access MOU credit to a customer based on volume of usage originating from a subscribed end user's WATS line(s) within a single serving wire center equipped with equal access.

For a customer to be eligible for a SAVE credit, each SAVE subscribed end user must generate the Minimum Originating WATS minutes of use per billing period specified below. A Minimum Usage Charge applies if the Minimum Originating WATS MOU requirement is not met in a given billing period.

d. SAVE Plan 4 - Terminating 800

The Terminating 800 SAVE plan provides for a Switched Access MOU credit based on usage volumes of terminating 800 traffic from the customer to a subscribed end user's SAVE line(s) within a single wire center equipped for equal access and billed on a single account. A customer subscribing an end user to this plan is required to meet a Minimum Ordering threshold to participate.

For a customer to be eligible for a SAVE credit, each SAVE subscribed end user must generate the Minimum Terminating 800 MOU per billing period. If usage falls below the Minimum Terminating 800 minute requirement for three consecutive months the subscribed end user, at the Utility's discretion, may be dropped from participation in this plan.

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of August 24, 2006. No moves, changes or additions will be permitted.

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FACILITIES FOR INTRASTATE ACCESS

X. Switched Access Volume Election (SAVE) Plans<sup>1</sup> - Continued

A. Description of Service - Continued

2. Application of SAVE Credits

The SAVE credit applies to FGB, FGC and FGD traffic originating and/or terminating in equal access end offices only. The customer may order one or more SAVE plans for a subscribed end user. The SAVE credit due a customer for each plan will be determined based on volume of usage by traffic type per subscribed end user, per billing period. The usage data in each billing period for each subscribed end user's account will be used for SAVE credit calculations. The SAVE credit amount is calculated by multiplying the number of MOU qualifying for the SAVE credit times the credit rate in the band for which the customer qualifies. The SAVE credit will be applied in arrears.

SAVE credits for Plans 1 and 3 (originating) are based on the total aggregated FGB, FGC and/or FGD MOU generated by the subscribed end user's lines on the customer's FGB, FGC and/or FGD trunk groups.

SAVE credits for Plan 2 (terminating) are based on the total aggregated FGB, FGC and FGD MOU terminated to the subscribed end user's lines. SAVE credits are then applied back to each customer contributing to the total terminating minutes of use on the subscribed end user lines in proportion to the minutes that the customer has contributed.

SAVE credits for Plan 4 (terminating) are based on the total FGB, FGC and FGD MOU terminated from the customer to the subscribed end user's lines.

SAVE credits are applied to the customer's billing account number (BAN). SAVE credits for each end user's monthly billing usage will be provided by the Utility to the customer on a billing period basis. For Plans 1 and 3 (originating), a Minimum Usage Requirement applies per subscribed end user. When the minimum amount is met, a SAVE credit based upon the subscribed end user's traffic will be applied to the customer's monthly billing statement(s). When the Minimum Usage Requirement is not met the customer will be charged a SAVE Minimum Usage Charge.

For Plans 2 and 4 (terminating) a Minimum Usage Charge does not apply, however, the subscribed end user must meet the Minimum Ordering Threshold for the customer to participate in the Terminating SAVE Plan(s). To continue as a participant in the Terminating SAVE Plan(s) the subscribed end user must not fall below the Minimum Usage Requirement. If the subscribed end user does not meet the Minimum Usage Requirement for three consecutive months, the subscribed end user may be terminated from the terminating plans at the Utility's discretion.

For purposes of this tariff, an end user is that entity responsible for payment of an account. The account may include multiple premises but all premises must be served by the same serving wire center.

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of August 24, 2006. No moves, changes or additions will be permitted.

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FACILITIES FOR INTRASTATE ACCESS

X. Switched Access Volume Election (SAVE) Plans<sup>1</sup> - Continued

A. Description of Service - Continued

3. Minimum Usage Requirements

To qualify for any SAVE per MOU credit, the customer must deliver to Frontier the following minimum usage:

ORIGINATING MTS - 15,001 MOUs  
ORIGINATING WATS - 15,001 MOUs

TERMINATING MTS - 15,001 MOUs  
TERMINATING 800 - 15,001 MOUs

When a subscribed end user's originating usage does not meet the Minimum Usage requirement, the customer is subject to a Minimum Usage Charge. If terminating usage does not meet the Minimum Usage Requirement, the subscribed end user may be subject to termination from the plan.

4. Minimum Ordering Threshold

Minimum Ordering Thresholds are only applicable to Terminating SAVE usage as follows:

TERMINATING MTS - 3,000 MOUs  
TERMINATING 800 - 3,000 MOUs

The Minimum Ordering Threshold must be met to subscribe an end user to a terminating SAVE plan, unless the subscribed end user has also been subscribed to an Originating SAVE plan.

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of August 24, 2006. No moves, changes or additions will be permitted.

Continued

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FACILITIES FOR INTRASTATE ACCESS

X. Switched Access Volume Election (SAVE) Plans<sup>1</sup> - Continued

A. Description of Service - Continued

5. Ordering Requirements

The customer must initiate the SAVE application by submitting a letter and/or a diskette to the Utility with the following information:

- customer name
- recording CIC
- end user name
- end office CLLI code (end user's serving wire center)
- selected SAVE plan(s)
- desired effective date

For all plans the customer must also provide a list of all the end user's billing numbers (NPA-NXX-XXXX), in the specified end office, which are to be included in the selected SAVE plan. The customer is also responsible for providing updates of any end user account activity which impacts the SAVE plan. For Plans 3 and 4 (WATS/800) the customer must also provide a list of all recording numbers. A separate SAVE application is required for each end user account per serving wire center. The customer may also submit an end user specified Percent Interstate Usage (PIU) factor and an Intrastate Percent IntraLATA Usage (PIL) factor at its option. If no PIU and PIL factors are provided the PIU and PIL factors on record for the customer's FGB, FGC and FGD accounts will be applied.

A SAVE application must be received by the Utility by the 15th of the month prior to the first billing period for usage on which SAVE credits/minimums are to be based.

6. Minimum Period

The minimum period for which SAVE is provided and for which credit will apply is 60 days. After the initial 60 days a customer may cancel a SAVE plan any date prior to the start of the next 30 days by providing written notification to the Utility. If written notice is not received from the customer 15 days prior to the start of the subsequent billing period, the Utility shall automatically extend the service.

7. Lost or Damaged Usage Data

When an end user's usage is not available because of lost or damaged tapes or recording system outages, the Utility will estimate the volume of lost usage determined from historical data. This estimate will be used to calculate the SAVE credit.

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of August 24, 2006. No moves, changes or additions will be permitted.

Continued

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FACILITIES FOR INTRASTATE ACCESS

X. Switched Access Volume Election (SAVE) Plans<sup>1</sup> - Continued

A. Description of Service - Continued

8. Limitations

A customer must have a Carrier Identification Code (CIC) to participate in a SAVE Plan(s).

SAVE is only available in equal access end offices and for interLATA usage.

Multiple end users will not be aggregated by the Utility to qualify a customer for SAVE credit. The Utility will not aggregate usage for carriers with multiple CICs for an end user unless associated with a terminating plan.

The Utility may, at its option, discontinue the subscription of an end user to a terminating SAVE plan (Plan 2 or 4) if the end user's terminating traffic does not exceed the minimum usage requirements for three consecutive billing periods.

B. Rate Regulations

The SAVE credit applies to FGB, FGC and FGD traffic generated or received by an end user subscribed by a customer to a SAVE Plan. The SAVE credit applies to originating MTS, terminating MTS, originating WATS or terminating 800 traffic depending on the SAVE Plan ordered by the customer. A customer may order one or more SAVE plans for a single end user.

The SAVE credit will be calculated on a monthly basis for accumulated usage processed through the billing system during the previous billing period. SAVE usage will be calculated for each end user in the SAVE plan(s) for each billing period.

1. Plans 1 and 3 (Originating)

If the Minimum Usage Requirement has been exceeded, the SAVE credit will be applied to the customer's subsequent monthly bill. When the Minimum Usage Requirement is not met, the customer will be billed the SAVE Minimum Usage Charge based on the subscribed end user's generated usage in the billing period. The SAVE credit or Minimum Usage Charge will be allocated across all applicable BANS.

2. Plan 2 (Terminating)

The SAVE credit will be applied to all customers contributing to the total terminating MOU to the subscribed end user's lines during the billing period provided the Minimum Usage Requirement is met. The SAVE credit will be allocated based on each customer's contribution to the total terminating MOU and will be applied to each customer's billing account(s).

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of August 24, 2006. No moves, changes or additions will be permitted.

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FACILITIES FOR INTRASTATE ACCESS

X. Switched Access Volume Election (SAVE) Plans<sup>1</sup> - Continued

B. Rate Regulations - Continued

3. Plan 4 (Terminating)

The SAVE credit will be applied to the customer's terminating MOU to the subscribed end user's lines during the billing period provided the Minimum Usage Requirement is met.

C. Rates and Charges

1. SAVE Credits

SAVE credits apply to all access minutes at the rate of the qualifying band.

a. SAVE Plan 1 - Originating MTS, per access minute, per month

<u>Minimum Monthly Usage Requirement</u>	
	<u>Credit</u>
15,001 to 20,000 minutes	\$0.00588
20,001 to 25,000 minutes	0.00774
25,001 to 30,000 minutes	0.00895
30,001 to 35,000 minutes	0.00985
35,001 to 40,000 minutes	0.01037
40,001 to 45,000 minutes	0.01086
Over 45,000 minutes	0.01114

b. SAVE Plan 2 - Terminating MTS, per access minute, per month

<u>Minimum Monthly Usage Requirement</u>	
	<u>Credit</u>
15,001 to 20,000 minutes	\$0.00588
20,001 to 25,000 minutes	0.00774
25,001 to 30,000 minutes	0.00895
30,001 to 35,000 minutes	0.00985
35,001 to 40,000 minutes	0.01037
40,001 to 45,000 minutes	0.01086
Over 45,000 minutes	0.01114

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of August 24, 2006. No moves, changes or additions will be permitted.

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FACILITIES FOR INTRASTATE ACCESS

X. Switched Access Volume Election (SAVE) Plans<sup>1</sup> - Continued

C. Rates and Charges - Continued

1. SAVE Credits - Continued

c. SAVE Plan 3 - Originating WATS, per  
access minute, per month

Minimum Monthly Usage Requirement 15,001

Credit

15,001 to 20,000 minutes	\$0.00588
20,001 to 25,000 minutes	0.00774
25,001 to 30,000 minutes	0.00895
30,001 to 35,000 minutes	0.00985
35,001 to 40,000 minutes	0.01037
40,001 to 45,000 minutes	0.01086
Over 45,000 minutes	0.01114

d. SAVE Plan 4 - Terminating 800, per  
access minute, per month

Minimum Monthly Usage Requirement 15,001

Credit

15,001 to 20,000 minutes	\$0.00588
20,001 to 25,000 minutes	0.00774
25,001 to 30,000 minutes	0.00895
30,001 to 35,000 minutes	0.00985
35,001 to 40,000 minutes	0.01037
40,001 to 45,000 minutes	0.01086
Over 45,000 minutes	0.01114

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of August 24, 2006. No moves, changes or additions will be permitted.

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FACILITIES FOR INTRASTATE ACCESS

X. Switched Access Volume Election (SAVE) Plans<sup>1</sup> - Continued

C. Rates and Charges - Continued

2. SAVE Minimum Monthly Usage Charge

- a. SAVE Plan 1 - Originating MTS,  
fixed charge

	<u>Charge</u>
0 to 2,000 minutes	\$150.00
2,001 to 4,000 minutes	125.00
4,001 to 6,000 minutes	100.00
6,001 to 8,000 minutes	75.00
8,001 to 10,000 minutes	50.00
10,001 to 15,000 minutes	25.00

- b. SAVE Plan 3 - Originating WATS,  
fixed charge

	<u>Charge</u>
0 to 2,000 minutes	\$150.00
2,001 to 4,000 minutes	125.00
4,001 to 6,000 minutes	100.00
6,001 to 8,000 minutes	75.00
8,001 to 10,000 minutes	50.00
10,001 to 15,000 minutes	25.00

<sup>1</sup> Service is grandfathered and limited to existing customers who subscribe to this service as of August 24, 2006. No moves, changes or additions will be permitted.

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services

A. Service Description

Expanded Interconnection Service (EIS) provides customers with the capability to terminate basic fiber optic transmission facilities, including optical terminating equipment and multiplexers at the Utility wire centers and access tandems and interconnect those facilities with facilities of the Utility. EIS will be provided in Utility wire centers and access tandems listed in this section and in accordance with Sections 64.1401 and 64.1402 of the FCC Rules and Regulations in 47 C.F.R.

EIS is not available to Enhanced Service Providers. Customer premises equipment, protocol conversion equipment or other type of customer equipment not required for basic transmission shall not be installed in Utility wire centers or access tandems.

B. Provision of EIS

1. General

- a. EIS may be provided as Virtual EIS where the interconnection with Utility facilities occurs outside the wire center or access tandem in a manhole or other similar location.
- b. EIS arrangements are available for Switched Access and DS1 (1.544 Mbps) and DS3 (44.736 Mbps) Special Access transmission facilities and terminating equipment to Utility wire center or access tandem facilities in or near Utility buildings.
- c. EIS will be available for microwave transmission on a case by case basis where reasonably feasible. EIS is not available on non-fiber optic facilities.
- d. Customer provided facilities and equipment are subject to the terms, conditions, and rates specified in this tariff.
- e. The Utility is not responsible for the design, engineering or performance of the customer's equipment or customer designated termination equipment.
- f. The Utility is not required to purchase additional plant or equipment, to relinquish floor space or facilities designated for Utility use, to undertake construction of new wire centers or access tandems, or to construct additions to existing wire centers or access tandems to satisfy a customer request.

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

B. Provision of EIS - Continued

2. Responsibility of the Utility

- a. The Utility will provide EIS, within the limitations of space and facilities.
- b. The emergency provisioning and restoration of interconnection service shall be in accordance with Part 64, Subpart D, Paragraph 64.401, of the FCC's Rules and Regulations, which specifies the priority of such activities.
- c. The Utility will establish points of contact for the customer to place a request for EIS. The point of contact will provide the customer with a packet of general information, including an Application Form.
- d. The Utility will provide at least two separate points of entry to the wire center or access tandem where there are two entry points for the Utility cable facilities, with the exception of situations where one entry of a two entry office is filled to capacity.
- e. The Utility will not purchase customer designated termination equipment from a vendor for the customer's use. If the customer chooses, the Utility will assist the customer in the purchase of terminating equipment by establishing a contact point with Frontier Supply.

3. Rights of the Utility

- a. The Utility retains ownership of wire center or access tandem floor space and equipment used to provide EIS.
- b. The Utility reserves the right to refuse use of customer's equipment or customer designated termination equipment which does not meet network reliability standards and fire and safety codes.
- c. The Utility reserves for itself and its successors and assignees, the right to utilize the wire center(s) or access tandem(s) space in such a manner as will best enable it to fulfill the Utility's service requirements.
- d. The Utility shall have the right, for good cause shown, and upon six (6) months' notice, to reclaim any cable space or conduit space in order to fulfill its obligation under Public Service law and its tariffs to provide telecommunication services to its end user customers. In such cases, the Utility will reimburse the customer for reasonable direct costs and expenses in connection with such reclamation.

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

C. Obligations of the Customer

1. Responsibility of the Customer

- a. The customer is responsible for coordinating with the Utility to ensure that services are installed in accordance with the service request.
- b. The customer will be responsible for costs incurred by the Utility for installation or maintenance of customer designated transmission equipment. Installation or maintenance will not begin until agreed to by the customer.
- c. In the event of a Utility work stoppage, the customer's employees, contractors or agents will comply with the emergency operation procedures established by the Utility.
- d. The customer is responsible for payment of all charges as set forth in General Regulations Section D. Disputed bills will also be subject to provisions in Section D. Failure to make payment will result in disconnection of service in accordance with Section D.A.8.
- e. The customer will be responsible to obtain appropriate insurance coverage, including but not limited to, fire, theft, and liability.
- f. The customer will be held liable for the actions and inactions of its employees, vendors, or contractors having access to Utility wire center or access tandem equipment, manhole, property and facilities.
- g. The customer is responsible for the purchase and delivery of customer designated termination equipment to be installed in the Utility wire center or access tandem for virtual EIS. The customer will sell the customer designated termination equipment to the Utility for one dollar (\$1.00) at the time the equipment is delivered to the wire center or access tandem where it is to be installed. Upon termination of virtual EIS, the customer will purchase the customer designated termination equipment from the Utility for one dollar (\$1.00).

2. Limitations

All customer facilities must terminate in the Utility equipment.

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

C. Obligations of the Customer - Continued

3. Mechanic's or Materialmen's Liens

The customer shall not permit to be placed upon the wire center or access tandem or any of the Utility's property any mechanic's or materialmen's liens caused by or resulting from any work performed, materials furnished or obligations incurred by or at the request of the customer. In the cause of the filing of any such lien, the customer shall immediately pay the lien in full.

If default in the payment continues for ten (10) days after written notice from the Utility to the customer, the Utility will have the right, at the Utility's option, of paying the lien or any portion of the lien, without inquiry as to the validity of the lien, and the customer shall reimburse the Utility for any amounts paid, including expenses and interest, within ten (10) days after delivery to the customer of an invoice. Failure to remit payment to the Utility within ten (10) days will result in disconnection of service as set forth in Section D.

4. Confidentiality

The customer shall hold in confidence all information of a competitive nature provided to the customer by the Utility in connection with EIS or known to the customer as a result of the customer's access to the Utility's wire center(s) or access tandem(s) or as a result of the interconnection of the customer's equipment to the Utility's facilities; provided, however, that the customer shall not be obligated to hold in confidence information that:

1. was already known to the customer free of any obligation to keep such information confidential;
2. was or becomes publicly available by other than unauthorized disclosure; or
3. was rightfully obtained from a third party not obligated to hold such information in confidence.

5. Network Outage, Damage and Reporting

- a. The customer shall be responsible for any damage or network outage occurring as a result of termination of customer owned equipment or customer designated termination equipment in the Utility wire center or access tandem.
- b. The customer is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week.
- c. The customer shall be responsible for notifying the Utility of significant outages which could impact or degrade the Utility's switches and services and provide estimated clearing time for restoral.

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

D. Discontinuance of Service

1. General

- a. The Utility will make every effort to contact the customer in the event the customer's equipment disrupts the network. If the Utility is unable to make contact with the customer, the Utility shall temporarily disconnect the customer's service as set forth in General Regulations B.2(b).
- b. The Utility reserves the right to terminate EIS, in the event the customer is not in conformance with Utility standards and requirements and/or in the event the customer imposes continued disruption and threat of harm to Utility employees and/or network, or the Utility's ability to provide service to other customers.
- c. Upon discontinuance of Virtual EIS service, the Utility will disconnect and remove the customer designated termination equipment from the Utility wire center or access tandem. The Utility will work with the customer to coordinate return of the equipment to the customer.

E. Ordering Options for EIS

1. Bona Fide Request for Virtual EIS at Non-Tariffed Locations or Equipment

- a. Customers requesting EIS at a location or for equipment not appearing in XVII.H will be required to initiate a bona fide request for each wire center or access tandem. Submission of an Application Form and \$2,500 is considered a bona fide request.
- b. Customers initiating a bona fide request must have the capability of terminating their transmission facilities at the Utility wire center or access tandem within a reasonable period of time, not to exceed 6 months from the date the request is initiated.
- c. Customers initiating a bona fide request shall be required to submit \$2,500 for each wire center or access tandem, which will be applied toward the Engineering/Installation Fee to perform a preconstruction verification of the available conduit space or preliminary rate for equipment installation, training and maintenance.
- d. The customer must complete the Application Form, providing all required information before the Utility will begin work on the request. The customer will be required to provide information such as, wire center or access tandem location, number and type of terminations, power requirements, type of equipment, etc.
- e. Within 10 days from receipt of the completed request form, the Utility will verbally notify the customer if conduit space is available. If space is not available, the customer will be notified in writing.

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

E. Ordering Options for EIS

1. Bona Fide Request for Virtual EIS at Non-Tariffed Locations or Equipment - - Continued

- f. If conduit space is not available, or the customer cancels the request within 10 days, the Utility will refund the \$2,500 to the customer. The Utility will not make any refund after notification of availability of space.
- g. Tariff revisions to add a wire center or access tandem location will be filed no later than 45 days from receipt of the original request to be effective on 45 days notice.
- h. Upon acceptance by the customer, tariff revisions to add rates for engineering, installation and maintenance of the customer designated equipment, which is purchased by Frontier from the customer, will be filed to be effective on 30 days notice.
- i. The Utility will not begin necessary modifications to the wire center or access tandem until after the tariff becomes effective and an ASR is received. The customer must submit the balance of the Engineering Fee with the ASR.

2. Virtual EIS

- a. Customers seeking virtual EIS shall submit a Application Form and a \$2,500 non-refundable fee for each wire center or access tandem which will be applied toward the Engineering/Installation Fee. The customer will be required to provide information such, as wire center or access tandem location, number and type of terminations, type of equipment, etc. The customer must provide all required information before the Utility will begin work on the request.
- b. Upon receipt of the \$2,500 Fee, the Utility will initiate a search of engineering records, an inspection of facilities, and other administrative activities required to process the request.
- c. Virtual EIS will be provided to customers at rates and charges, including the Engineering/Installation Fee, specific to the location and customer designated termination equipment installed.

3. Microwave Services

EIS through microwave service will be provided, where reasonably feasible, only on a case-by-case basis. Rules, regulations and rates will be developed and filed upon a bona fide request from customers to provide microwave interconnection.

4. Other Technologies

EIS will not be provided through technologies other than fiber optic facilities and microwave.

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

F. Virtual EIS

1. Availability of Service

- a. Virtual EIS will be available to customers at all wire centers and access tandems except as set forth following where the FCC has granted exemption of wire centers or access tandems where insufficient space or other conditions prohibit the provision of EIS.
- b. Virtual EIS provides the means to interconnect, through an optical channel interface, to specified intrastate Access Services. Virtual EIS provides:
  - (1) Connection between customer provided and Utility provided fiber optic transport facilities at a meet point within the mutually agreed to Utility designated space outside a Utility wire center or access tandem, such as a manhole, and
  - (2) Conversion of optical to electrical signals, as appropriate, to allow interconnection between customer provided transport facilities and other specified intrastate Utility services.
- c. The interconnection point for virtual EIS is the demarcation between ownership of the cable facilities.
- d. The Utility will designate locations close to the wire center or access tandem to be used as interconnection points for customer's facilities.
- e. None of the provisions of Section XI.E.4 apply or extend to any patron of the customer purchasing virtual EIS from the Utility.

2. Obligations of the Customer

- a. When ordering virtual EIS, the customer shall designate the type of wire center or access tandem and the type of transmission equipment dedicated to their use. The customer may specify equipment which may be different from the equipment normally used by the Utility to provide intrastate Access Service.
- b. The customer may monitor and control the performance of all facilities and equipment used in the provision of virtual EIS.
- c. The customer is responsible for initiating a request for maintenance of customer's facilities and termination equipment.
- d. The customer is responsible for costs associated with training Utility employees to install and maintain equipment other than equipment normally used by the Utility.
- e. The Utility and the customer will work cooperatively to determine proper equipment and facilities requirements.

Continued

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

F. Virtual EIS - Continued

3. Operation and Maintenance

Where the Utility uses contractors for installation, maintenance or repair of service, the customer may hire the same contractor directly for installation, maintenance or repair of customer designated equipment.

Where the Utility does not use contractors, customer designated equipment and customer provided facilities used in the provision of virtual EIS will be installed, maintained and repaired by the Utility. The Utility will maintain and repair the customer designated termination equipment under the same time frame and standards as its own equipment.

4. Customer Terminating Equipment Requirements

- a. Customer equipment installed in the Utility manhole or similar location must comply with either the Utility's list of approved products, or equipment that complies with wire center or access tandem environmental and transmission standards in effect at the time the interconnection is made. This list of approved products and/or equipment is the same as used by the Utility and its contractors. EIS customers will be notified of any changes in the Utility's list of approved products and/or equipment.
- b. The customer shall be responsible for supplying the following:  

Fiber Optic Cable and Fire Retardant Sheath  
Equipment located within the wire center or access tandem
- c. The customer shall be required to provide DS1 cable facilities in sufficient capacity for the Utility to wire DS1 services in multiples of 28.
- d. The customer shall be responsible for bringing its fiber optic cable to the wire center or access tandem manhole and leave sufficient cable length in order for the utility to be able to fully extend such cable through to the customer's space. No splicing will be permitted in the manhole. Upon discontinuance of EIS, the customer relinquishes all rights, title and ownership of cable to the Utility.
- e. The Utility is responsible for installing customer provided fiber optic cable in the cable space or conduit from the manhole to the wire center or access tandem. This may be shared conduit with dedicated inner duct. The customer shall not be permitted to reserve wire center or access tandem cable space or conduit. If new conduit is required, the Utility will negotiate with the customer to determine the specific location. The Utility reserves the right to manage its own wire center and access tandem conduit requirements and to reserve vacant space for planned facility additions.

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

F. Virtual EIS - Continued

4. Customer Terminating Equipment Requirements - Continued

- f. The Utility is responsible for installing a cable splice where the customer provided fiber optic cable meets customer provided fire retardant riser cable within the wire center or access tandem cable vault or designated splicing chamber. The Utility will provide space and racking for the placement of the splice enclosure. The Utility will tag all entrance facilities to indicate ownership. The Utility is responsible for placing the customer's fire retardant riser cable from the cable vault to the terminating equipment. The customer is responsible for providing fire retardant riser cable that meets Utility standards.
- g. Customer interconnection equipment installed with the Utility's wire center or access tandem facilities shall be subject to and comply with Utility practices for ac/dc bonding and grounding requirements. This information will be provided to the customer in the general information packet.
- h. Upon installation of the customer's equipment, with prior notice, the Utility will schedule time to work with the customer during the turn-up phase of the equipment to ensure proper functionality between the customer's equipment and the connections to the Utility equipment. The time period for this to occur will correspond to the Utility's maintenance window time period.
- i. All equipment installed within the Utility wire center and access tandem facilities shall meet the industry standard requirements as applicable for Physical EIS as in Section XI.

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

G. Rate Regulations

This section contains specific regulations governing the rates and charges that apply for EIS. These charges are in addition to the applicable rates and charges for the Switched and Special Access Service ordered, as specified in Section II and III of this tariff.

1. Types of Rates and Charges

There are two types of rates and charges. These are monthly rates and nonrecurring charges.

a. Monthly Rates

Monthly rates are recurring charges that apply each month or fraction thereof that an EIS is provided. Monthly rates for EIS will commence upon completion of the customer's partitioned space, irrespective of when the Switched or Special Access service is connected.

(1) Cable Space Charge

The Cable Space Charge is a monthly recurring charge, applied per cable, associated with the space within the conduit, riser, cable racks, manhole and cable vault which the customer's cable occupies.

(2) Maintenance

The Maintenance Charge is a monthly recurring charge associated with maintenance of the customer designated termination equipment. This charge is applicable per base module.

(3) Power Equipment

The Power Equipment Charge is a monthly recurring charge applicable to Virtual EIS arrangements for costs associated with power equipment provided by the Utility, including but not limited to cabling, fuse panels, power, and floor space. This charge is dependent upon the type of customer designated equipment. This charge applies to each 20 Amp increment of power.

Continued



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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

b. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity. The types of nonrecurring charges that apply for EIS are those listed below.

(1) Conversion Fee

The Conversion Fee of \$2,500 is associated with the work performed to convert existing collocated services to virtual EIS arrangements where no changes in customer designated termination equipment or facilities or Utility provided equipment and facilities are required. The customer may request multiple wire centers or access tandems to be converted on one order. The Conversion Fee applies per order in lieu of the Engineering/Installation Fee.

(2) Cable Pull Charge

The Cable Pull Charge is associated with the work performed by the Utility associated with the time and materials required to pull and splice the customer's cable from the manhole to the cage.

This charge applies per wire center or access tandem, per cable terminated.

(3) Engineering/Installation Fee

The Engineering/Installation Fee is associated with work performed by the Utility to determine space requirements, engineer adequate amount of power to the equipment, ensure adequate fire protection and install customer designated termination equipment. Separate charges apply for the installation of the base unit and each DS1 or DS3 card.

Continued

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

b. Nonrecurring Charges - Continued

(4) Training

The Training Charge is associated with the costs incurred by the Utility to train Utility personnel on the equipment that the Utility does not use in normal operations within the requested central office for the provision of virtual EIS. The interconnecting customer will be responsible for the arrangement and payment for required training seminars, including tuition and related course materials. The technicians training time will be based on labor rates as set for in Section IV.A and will be billed per hour or fraction hereof. When travel is required, travel expenses associated with training will be charged to the interconnecting customer based directly on ticket stubs and/or receipts.

(5) Power Equipment Installation

The Power Equipment Installation Charge is associated with equipment used by the Utility to provide the power supply for virtual EIS arrangements. This charge applies for each 20 Amp increment of power installed.

2. Minimum Periods

- a. The Minimum Period applicable to monthly EIS rate elements specified is six months.
- b. When EIS is discontinued prior to the expiration of the Minimum Period, charges are applicable for the remaining month(s) and/or fraction thereof of the minimum Period.

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

H. Virtual EIS Wire Centers

1. Cable Space and Cable Pull

<u>Wire Center</u>	<u>Monthly Charge Per Cable</u>	<u>Nonrecurring Charge Per Cable</u>
	<u>Cable Space</u>	<u>Cable Pull</u>
<b>Baldwin Park</b> 14336 Ramona Blvd Baldwin Park BLPKCAXF33K	\$65.89	\$1,441.00
<b>Bundy</b> 1450 S. Bundy Bundy WLANCAXHDS1	48.40	1,403.00
<b>Camarillo</b> 360 N Arneill Rd Camarillo CMRLCAXF48K	79.47	1,538.00
<b>Covina</b> 160 E Badillo St Covina COVNCAXF33M	52.95	1,444.00
<b>Edgemont - Moreno</b> 11400 Allessandro Moreno Valley EDMTCAXF65H	20.24	1,259.00
<b>Goleta</b> 4990 Hollister Ave Goleta GOLTCAXF96K	50.85	1,372.00
<b>Long Beach (AT)</b> 5077 E Lew Davis Long Beach LNBHCAXP45T	82.62	1,517.00

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

H. Virtual EIS Wire Centers - Continued

1. Cable Space and Cable Pull - Continued

<u>Wire Center</u>	<u>Monthly Charge</u>	<u>Nonrecurring Charge</u>
	<u>Per Cable</u>	<u>Per Cable</u>
	<u>Cable Space</u>	<u>Cable Pull</u>
<b>Long Beach Main</b> 550 Elm St Long Beach LNBHCAXF59K	\$79.18	\$1,571.00
<b>Malibu</b> 22211 Pacific Coast Malibu MALBCAXG45A	16.60	1,236.00
<b>Morgan Hill</b> 20 W 2nd St Morgan Hill MRHLCAXFDS0	46.07	1,250.00
<b>Norwalk</b> 12035 Front St Norwalk NRWLCAXF92S	69.97	1,673.00
<b>Ontario</b> 207 W "D" St Ontario ONTRCAXF98K	21.17	1,217.00
<b>Ontario (AT)</b> 211 W "D" St Ontario ONTRCAXP80T	20.25	1,217.00
<b>Palm Desert</b> 73766 Highway 111 Palm Desert PLDSCAXF34A	14.38	1,271.00

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

H. Virtual EIS Wire Centers - Continued

1. Cable Space and Cable Pull - Continued

<u>Wire Center</u>	<u>Monthly Charge Per Cable</u>	<u>Nonrecurring Charge Per Cable</u>
	<u>Cable Space</u>	<u>Cable Pull</u>
<b>Palm Springs-East</b> 292 N. Sunrise PLSPCAXG32G PLSPCAXG88T	\$27.20	\$1,417.00
<b>Santa Barbara</b> 101 W Canon Perdido Santa Barbara SNBBCAXF96K SNBBCAXF83T	10.47	1,238.00
<b>San Bernardino</b> 660 "E" St. San Bernardino SNBRCAXK88E	82.66	1,562.00
<b>Santa Maria</b> 200 W Church St Santa Maria SNTMCAXF92K	49.96	1,493.00
<b>Santa Monica</b> 1314 7th St Santa Monica SNMNCAXG45K	33.98	1,373.00
<b>Santa Monica (AT)</b> 2001 Broadway St Santa Monica SNMNCAXP43T	33.98	1,373.00
<b>Seal Beach</b> 2400 Beverly Manor Seal Beach SLBHCAXF43J	85.63	1,837.00

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FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

H. Virtual EIS Wire Centers - Continued

1. Cable Space and Cable Pull - Continued

	<u>Monthly Charge</u> <u>Per Cable</u>	<u>Nonrecurring Charge</u> <u>Per Cable</u>
<u>Wire Center</u>	<u>Cable Space</u>	<u>Cable Pull</u>
<b>Sunset</b> 1515 Ocean Park Blvd Santa Monica SNMNCAXJ31K	\$24.17	\$1,642.00
<b>Surf</b> Montana Ave Vandenberg AFB SURFCAXFRS2	41.08	1,169.00
<b>Thousand Oaks</b> 1204 Thousand Oaks Thousand Oaks THOKCAXF49J THOKCAXF81T	10.67	1,417.00
<b>West Los Angeles</b> 1544 Cotner Ave Los Angeles WLANCAXF47K	73.45	1,651.00
<b>Westminster</b> 6802 Westminster Ave Westminster WMNSCAXF89K	115.11	1,916.00

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. Expanded Interconnection Services - Continued

H. Virtual EIS Wire Centers - Continued

2. Equipment Rates and Charges

	<u>Monthly Charge</u>
<b>Power Equipment</b>	
per 20 Amps of power	\$253.91
<b>Maintenance</b>	
per base module	208.76
	<u>Nonrecurring Charges</u>
<b>Engineering/Installation Fee</b>	
per base module	
OC1	\$4,404.04
90 Mbps	4,404.04
OC3	5,293.56
OC12	6,183.08
OC24	7,065.34
OC48	7,947.60
NGDLC	7,947.60
<b>Engineering/Installation Fee</b>	
per card installed	
OC1 DS1	\$309.88
DS3	572.38
90 Mbps DS1	309.88
DS3	572.38
OC3 DS1	309.88
DS3	572.38
OC12 DS3	572.38
OC24 DS3	572.38
OC48 DS3	572.38
NGDLC DS0	154.94
DS1	309.88
DS3	572.38
<b>Power Equipment Installation</b>	
per 20 Amps of power	\$2,816.40

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. Rate Zone Wire Centers

A. General

This section contains a list of the Utility's wire centers that have been assigned a rate zone. Rate zones are applicable to the services specified for Switched and Special Access. This table lists wire centers assigned to Rate Zones 1, 2 and 3.

Wire Center Zone Assignments

<u>RATE ZONE</u>	<u>CLLI</u>	<u>WIRE CENTER NAME</u>
1	ARTSCAXF	ARTESIA
1	AZUSCAXF	AZUSA
1	BELRCAXF	BEL AIR
1	BLFLCAXF	BELLFLOWER
1	BLPKCAXF	BALDWIN PARK
1	CCMNCAXF	CUCAMONGA
1	CHNOCAXF	CHINO
1	CLCYCAXG	MAR VISTA
1	CLMTCAXF	CLAREMONT
1	CMRLCAXF	CAMARILLO
1	COVNCAXF	COVINA
1	DWNYCAXF	DOWNEY
1	DWNYCAXG	IMPERIAL
1	ELWDCAXF	ELLWOOD
1	GOLTCAXF	GOLETA
1	HNBHCAXF	SLATER
1	HRBHCAXA	REDONDO
1	LAPNCAXF	ROWLAND
1	LAPNCAXG	LA PUENTE
1	LNBHCAXF	LONG BEACH MAIN
1	LNBHCAXG	UPTOWN
1	LNBHCAXM	CLARK
1	LNBHCAXS	STADIUM
1	LNBHCAXT	TERMINO
1	MNRVCAXG	MONROVIA
1	NRWLCAXF	NORWALK
1	NRWLCAXG	ALONDRA
1	NWPKCAXF	NEWBURY PARK
1	ONTRCAXF	ONTARIO
1	PCRV CAXF	RIO HONDO
1	PDRY CAXF	DEL REY
1	PLDSCAXF	PALM DESERT
1	PLSPCAXG	PALM SPRINGS EAST
1	RDBHCAXF	EL NIDO

Continued



FACILITIES FOR INTRASTATE ACCESS

XII. Rate Zone Wire Centers - Continued

A. General - Continued

Wire Center Zone Assignments - Continued

<u>RATE_ZONE</u>	<u>CLLI</u>	<u>WIRE CENTER NAME</u>
1	RDLCAXF	REDLANDS
1	RNCACAXF	RANCHO CALIFORNIA
1	RNMGCAXF	RANCHO MIRAGE
1	SLBHCAXF	ALAMITOS
1	SNBBCAXF	SANTA BARBARA
1	SNBBCAXG	SANTA BARBARA-LOS POSITAS
1	SNBRCAK	SAN BERNARDINO
1	SNMNCAXG	SANTA MONICA
1	SNMNCAXJ	SUNSET
1	THOKCAXF	THOUSAND OAKS
1	UPLDCAXF	UPLAND
1	WHTRCAXF	WHITTIER SOUTH
1	WHTRCAXH	VALLEY VIEW
1	WLANCAXF	WEST LOS ANGELES
1	WLANCAXG	WESTWOOD
1	WLANCAXH	BUNDY WLA
1	WLANCAXJ	UNIVERSITY
1	WMNSCAXF	WESTMINSTER
2	BRDNCAXF	WASHINGTON STREET
2	CRPRCAXF	CARPINTERIA
2	ELRICAXF	EL RIO
2	GLNDCAFX	GLENDORA
2	GRHLCAXF	GRANADA HILLS
2	HEMTCAXF	HEMET
2	HNBHCAXG	HUNTINGTON BEACH
2	HNBHCAXH	BUSHARD
2	INDICAXG	INDIO
2	LAHBCAXF	LA HABRA
2	LMPCCAXF	LOMPOC
2	LNCSCAXG	LANCASTER
2	MRHLCAXF	MORGAN HILL
2	NOVTCAXF	NOVATO
2	OXNRCAXF	OXNARD
2	PACMCAXF	PACOIMA
2	POMNCAXF	POMONA
2	RLHLCAXF	ROLLING HILLS

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. Rate Zone Wire Centers - Continued

A. General - Continued

Wire Center Zone Assignments - Continued

<u>RATE_ZONE</u>	<u>CLLI</u>	<u>WIRE_CENTER_NAME</u>
2	SNDMCAXF	SAN DIMAS
2	SNTMCAXF	SANTA MARIA
2	SNYMCAFX	SUNNYMEAD
2	SPLVCAXF	SEPULVEDA
2	THOKCAXH	CONEJO
2	TRNCCAXF	DEL AMO
2	TRNCCAXG	PALOS VERDES
2	WHTRCAXJ	PICO RIVERA
2	WLNTCAXF	WALNUT
3	ANZACAXF	ANZA
3	ARHDCAXF	ARROWHEAD
3	BDGRCAXF	BADGER
3	BLGRCAXF	FLORENCE
3	BNNGCAXF	BANNING
3	BUMTCAXF	BEAUMONT
3	CCHLCAXF	COACHELLA
3	CLMSCAXF	CALIMESA
3	CRCYCAXF	CRESCENT CITY
3	CRLNCAFX	CRESTLINE
3	DHSPCAXF	DESERT HOT SPRINGS
3	DMBRCAXF	DIAMOND BAR
3	DNLPCAXF	DUNLAP
3	DSCTCAXG	DESERT CENTER
3	DSHGCAFX	DESERT HEIGHTS
3	DSSHCAFX	DESERT SHORES
3	EDMTCAXF	EDGEMONT
3	ELSNCAFX	ELSINORE MAIN
3	ELSNCAFX	ELSINORE GRAND
3	ETWNCAXF	ETIWANDA
3	FWLRCAXF	FOWLER
3	GDLPCAXG	GUADALUPE
3	GGVGCAXF	GRANT GROVE
3	HMLDCAXF	HOMELAND
3	HMVYCAFX	HOMESTEAD VALLEY
3	HNBHCAXL	WARNER
3	IDYLCAXF	IDYLLWILD

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. Rate Zone Wire Centers - Continued

A. General - Continued

Wire Center Zone Assignments - Continued

<u>RATE_ZONE</u>	<u>CLLI</u>	<u>WIRE_CENTER_NAME</u>
3	JSTRCAXF	JOSHUA TREE
3	KLMTCAFX	KLAMATH
3	KNWDCAXF	KENWOOD
3	LAPNCAXL	MAPLEGROVE
3	LAQNCAXG	LA QUINTA
3	LGBHCAXF	LAGUNA BEACH
3	LKHGCAXF	LAKE HUGHES
3	LMLNCAFX	LOMA LINDA
3	LMPCCAXG	MESA
3	LNBHCAXH	MARKET
3	LNBHCAXL	MARTIN L. KING
3	LNCSCAXF	ANTELOPE
3	LNDSCAXF	LINDSAY
3	LSALCAXF	LOS ALAMOS
3	LSGTCAXA	BLOSSOM HILL
3	LSGTCAXF	MONTEBELLO
3	LSGTCAXG	MOUNTAIN
3	LSSRCAXF	LOS SERRANOS
3	LVRNCAFX	LA VERNE
3	MALBCAXF	ZUMA
3	MALBCAXG	MALIBU
3	MECCCAXF	MECCA
3	MENTCAFX	MENTONE
3	MNBHCAXF	MANHATTAN
3	MNTTCAXF	MONTECITO
3	MRMNCAXF	MIRAMONTE
3	MRVYCAFX	MORONGO VALLEY
3	MSCYCAFX	MUSCOY
3	MUGUCAFX	MUGU
3	MURTCAXF	MURRIETA
3	NSHRCAXF	NORTH SHORES
3	OASSCAFX	OASIS
3	ONTRCAXG	ONTARIO SOUTH
3	ORCTCAXG	BRADLEY
3	OXNRCAXG	MANTILLA
3	PCPLCAFX	PACIFIC PALISADES
3	PERSCAFX	PERRIS

Continued

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FACILITIES FOR INTRASTATE ACCESS

XII. Rate Zone Wire Centers - Continued

A. General - Continued

Wire Center Zone Assignments - Continued

<u>RATE_ZONE</u>	<u>CLLI</u>	<u>WIRE_CENTER_NAME</u>
3	PNYNCAF	PINYON
3	PSDNCAF	HASTINGS
3	QUVYCAF	QUAIL VALLEY
3	QZHLCAF	QUARTZ HILL
3	RDLYCAF	REEDLEY
3	SLCYCAF	SALTON CITY
3	SLGBCAF	ALISO
3	SLVNCAXG	SANTA YNEZ
3	SNBRCAH	MARSHALL
3	SNCYCAF	SUN CITY
3	SNFNCAXG	SAN FERNANDO
3	SNJCCAXG	SAN JACINTO
3	SNLDCAF	SUNLAND/TUJUNGA
3	SNPLCAF	SANTA PAULA
3	SRMDCAF	SIERRA MADRE
3	STMRCAXF	STRATHMORE
3	SURFCAXF	SURF
3	SVYFCAXF	SQUAW VALLEY
3	SYLMCAF	SYLMAR
3	THPLCAF	THOUSAND PALMS
3	THRMCAF	THERMAL
3	TPNGCAF	TOPANGA
3	TWPLCAF	TWENTYNINE PALMS
3	TWPLCAXG	MARINE PALMS
3	VLVSCAF	VALLE VISTA
3	WHTRCAXG	WHITWOOD
3	YCVYCAXG	YUCCA VALLEY
3	YUCPCAF	YUCAIPA

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