

FACILITIES FOR INTRASTATE ACCESS

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Decision No.

Issued By
Senior Vice President
Regulatory Affairs

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Resolution No.

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

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FACILITIES FOR INTRASTATE ACCESS

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¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

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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	- Milliamperes
Mbps	- Megabits per second
MJU	- Multi-Junction Unit

Continued

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

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 Cal. P.U.C. No. A-9. 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 Schedule Cal. P.U.C. No. A-9, Section III.F.4. Rates, charges and conditions for tarified work functions performed on the customer's side of the LLDP are as shown in Schedule Cal. P.U.C. No. A-9.

TERRITORY

Within the serving area of the Utility.

Continued

FACILITIES FOR INTRASTATE ACCESS

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.
- e. Provisions from other tariffs may be applicable to Access Service except that when provided in this tariff, provisions in this tariff shall take precedence.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

A. Undertaking of the Utility

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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-10 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

A. Undertaking of the Utility - Continued

3. Liability - Continued

- 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.
- 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

A. Undertaking of the Utility - Continued

3. Liability - Continued

- 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 XVII, 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

A. Undertaking of the Utility - Continued

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 XVII, will be maintained by the Utility.

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. §68.110(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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

A. Undertaking of the Utility - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

A. Undertaking of the Utility - Continued

9. Preemption of FIA - Continued

- 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 I.D.4.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

B. Use - Continued

1. Interference or Impairment - Continued

- 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.

2. 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

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligation of the Customer - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligation of the Customer - Continued

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 transmission at speeds of 75 baud or less.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

a. Jurisdictional Determination - Continued

(1) - Continued

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

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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 ^{1,2}
- Feature Group B (FGB) Switched Access Service ^{1,2}
- Feature Group C (FGC) Switched Access Service ^{1,2}
- Feature Group D (FGD) Switched Access Service ^{1,2}
- Basic Serving Arrangement A (BSA-A) ^{1,2,3}
- Basic Serving Arrangement B (BSA-B) ^{1,2,3}
- Basic Serving Arrangement C (BSA-C) ^{1,2,3}
- Basic Serving Arrangement D (BSA-D) ^{1,2,3}
- 500 Access Services ^{1,2}
- 700 Access Services ^{1,2}
- Toll Free Services ^{1,2,4}
- 900 Access Services ^{1,2}

¹ The PIU factors will be applied to all associated elements and services, e.g. Carrier Common Line, End Office Switching, Information Surcharge, Interconnection Charge, and, if applicable, Tandem Switched Transport and Tandem Switching minutes of use.

² 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 XVII of this tariff.

³ 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.

⁴ "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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

a. Jurisdictional Determination- Continued

(2) Continued

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).

- (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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

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.

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 I.C.10.e.5 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).

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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, magnetic tapes 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

e. Jurisdictional Reports - 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

f. Contested Jurisdictional Reports - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

10. Jurisdictional Report Requirements - Continued

f. Contested Jurisdictional Reports - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

11. InterLATA 900 Service - Continued

- c. Each program must contain a disclosure message.
 - (1) 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.
 - (2) The customer shall disclose the name, address and business telephone number of an IP upon request of any end user.
 - (3) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

12. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

12. Regulations Applicable to IntraLATA Special Access - Continued

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

- (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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

12. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

12. Regulations Applicable to IntraLATA Special Access - Continued

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

- (6) The customer shall be responsible for:
 - (1) Compatibility of the connected terminal equipment and the HCDS.
 - (2) 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:
 - (1) Compatibility of the connected communications system. This includes the modification or replacing of Channel Service Units due to technological changes in the network.
 - (2) Testing, sectionalization and clearance of trouble conditions or service difficulties on any communications system which is connected to High Capacity Digital Service.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

12. 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

Additional details are set forth in the Technical Interface Reference Manual, Section 7000, Part 7014.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

12. Regulations Applicable to IntraLATA Special Access - Continued

b. Miscellaneous - Continued

- (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. 26.
- (5) Maintenance Visit Charge

The customer 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 customer where the service difficulty is found to be the result of customer-provided facilities or equipment.

13. 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 XVII.

14. Identification and Rating of VoIP-PSTN Traffic

(A) Scope

- (1) VoIP-PSTN Traffic is defined as traffic exchanged between the Telephone Company end user and the customer in time division multiplexing ("TDM") format that originates and/or terminates in Internet protocol ("IP") format. This section 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) ("FCC Order"). 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 Order.
- (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.

(N)

(N)
Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

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

(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 the Telephone Company's applicable tariffed interstate switched access rates as specified in the Telephone Company's applicable Federal Access Tariff.

As of July 13,2012, any intrastate originating Toll VOIP-PSTN Traffic will be billed at rates equal to the Company's intrastate originating switched access rates as provided in this tariff. Beginning July 1,2014, any intrastate originating Toll VOIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to the Telephone Company's relevant interstate switched access rates as provided in the Telephone Company's applicable Federal Access Tariff.

(N)
|
(N)

(C) Calculation and Application of Percent-VoIP-Usage Factor

The Telephone Company will determine the number of Relevant VoIP-PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under subsection (B), above, by applying a Percent VoIP Usage ("PVU") factor to the total intrastate access MOU exchanges with the Telephone Company from the customer. The PVU will be derived and applied as follows:

(C)

(1) The customer will calculate and furnish to the Telephone Company a factor (the "PVU") representing the percentage of the total intrastate access MOU that the customer exchanges with the Telephone Company in the State, that is sent to the Telephone Company and that originated in IP format; or is received from the Telephone Company and terminated in IP format. This PVU shall be based on information such as traffic studies, actual call detail, or other relevant and verifiable information.

(C)
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(C)

(2) The Telephone Company will, likewise, calculate a factor (the "PVU-T") representing the percentage of the Telephone Company's total intrastate access MOU in the State that the Telephone Company originates or terminates on its network in IP format. This PVU-T shall be based on information, such as the number of the Telephone Company's retail VoIP subscriptions in the state, traffic studies, actual call detail, or other relevant and verifiable information.

(N)

(3) The Telephone Company will use the PVU-C and PVU-T factors to calculate a PVU factor that represents the percentage of total intrastate MOU exchanged between a Telephone Company end user and the customer that is originated or terminated in IP format, whether at the Telephone Company's end, at the customer's end, or at both ends. The PVU factor will be calculated as the sum of: (A) the PVU-C factor and (B) the PVU-T factor times (1.0 minus the PVU-C factor).

(N)

(4) The Telephone Company will apply the PVU factor to the total terminating intrastate access MOU received the customer to determine the number of Relevant VoIP-PSTN Traffic MOUs.

(T)

(5) If the customer does not furnish the Telephone Company with a PVU pursuant to the preceding paragraph 1,the Telephone Company will utilize a PVU equal to zero.

(T)

(L) Item C.14.(D) relocated to Sheet No. 30.2.

(L)

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

C. Obligations of the Customer - Continued

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

(D) Initial PVU Factor

If the PVU factor is not available and/or cannot be implemented in the Telephone Company's billing systems by January 1, 2012, once the factor is available and can be implemented the Telephone Company will adjust the customer's bills to reflect the PVU retroactively to January 1, 2012. This retroactive adjustment will be made to January 1, 2012, provided that the customer provides the factor to the Telephone Company no later than April 15, 2012; otherwise, it will set the initial PVU equal to zero, as specified in subsection (C)(1), above.

(L)
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(L)

(E) PVU Factor Updates

The customer may update the PVU factor quarterly using the method set forth in subsection (C)(1), above. If the customer chooses to submit such updates, it shall forward to the Telephone Company, no later than 15 days after the first day of January, April, July and/or October of each year, a revised PVU factor based on data for the prior three months, ending the last day of December, March, June and September, respectively. The revised PVU factor will apply prospectively and serve as the basis for billing until superseded by a new PVU.

(F) PVU Factor Verification

Not more than four times in any year, the Telephone Company may ask the customer to verify the PVU factor furnished to the Telephone Company. The party so requested shall comply, and shall reasonably provide the records and other information used to determine the PVU factors.

(L) Item C.14.(D) relocated from Sheet No. 30.1.

(L)

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

D. Payment Arrangements and Credit Allowances - Continued

1. Payment of Charges and Deposits - Continued

- 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 I.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.
- f. Where the provision of FIA requires facilities that meet any of the conditions specified under Special Construction, Special Construction charges will apply.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

D. Payment Arrangements and Credit Allowances - Continued

1. Payment of Charges and Deposits - Continued

g. 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 XVII.

3. Cancellation of an Order for FIA

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

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

D. Payment Arrangements and Credit Allowances - Continued

4. Allowances for Interruptions - Continued

a. General - Continued

- (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

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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) Interruptions of FIA which continue because of the failure of the customer to authorize replacement of any element of Special Construction. The period for which no credit allowance is made begins on the seventh day after the Utility's written notification to the customer of the need for such replacement and ends on the day after receipt of the customer's written authorization for such replacement.
- (6) Periods when the customer elects not to release FIA for testing and/or repair and continues to use it on an impaired basis.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

D. Payment Arrangements and Credit Allowances - Continued

4. Allowances for Interruptions - Continued

b. Exceptions - Continued

A credit allowance does not apply for:

- (7) Periods when the Utility must temporarily interrupt an EIS, as defined in Section XVII, in order to prevent damage or disruption of the Utility's network due to the customer's equipment.
- (8) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.
- (9) EIS elements specified in Section XVII.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

D. Payment Arrangements and Credit Allowances - Continued

4. Allowances for Interruptions - Continued

c. Use of 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

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

D. Payment Arrangements and Credit Allowances - Continued

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) to Special Construction as provided in Section IX,
- 3) when the Company 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 Company nonrecurring charge refund will apply:

	Company	Another
Company Misses Date	Company Refund applies	Company Refund applies
Another LEC misses Date	Company Refund applies	Company Refund does not apply

- (4) to Expanded Interconnection Services as provided in Section XVII.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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:

1. 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.
2. 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.
3. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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.

(D)
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(D)

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).

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

Attenuation Distortion

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

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions – Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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

GENERAL REGULATIONS

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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 Communications of the Southwest Inc. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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 XVII, 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 and Section III.A.1(c), respectively. (T)

DS1 Cyber Capacity

A DS1 signal between the customer premises and the central office. This digital link can be used to transport switched data services. DS1 Cyber is available in increments of 24 digital channels.

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

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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. The required format and interface specifications are stated in Section 7000 of the Technical Interface Reference Manual.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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. The required format and interface specifications are stated in Section 7000 of the Technical Interface Reference Manual.

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. The required format and interface specifications are stated in Section 7000 of the Technical Interface Reference Manual.

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).

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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 busying 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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).

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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

GENERAL REGULATIONS

E. Definitions - Continued

Maximum Termination Liability

The term "Maximum Termination Liability" denotes the maximum amount of money for which the customer is liable in the event all FIA ordered in a special construction case are discontinued before a specified period of time.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

Overlap Outputting

The term "Overlap Outputting" 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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Scheduled Issue Date

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

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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 New 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.

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.

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FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

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

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

E. Definitions - Continued

Utility

The term "Utility" denotes Frontier Communications of the Southwest Inc. 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.

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 Protocol¹

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 Protocol¹

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

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

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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 XVII.

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 I.A.1. These interconnections will be provided subject to the regulations and rates and charges set forth in Section XVII.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

G. FIA Services Provided By More Than One Utility

1. Billing Method

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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

1. Billing Method - Continued

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

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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

1. Billing Method - 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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

1. Billing Method - Continued

b. Meet Point Billing: - Continued

(1) Single Bill Option

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

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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

1. Billing Method - Continued

b. Meet Point Billing: - Continued

(1) Single Bill Option - Continued

(c) Single Bill/Multiple 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 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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

1. Billing Method - Continued

b. Meet Point Billing: - Continued

(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.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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

1. Billing Method - 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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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

1. Billing Method - Continued

b. Meet Point Billing: - Continued

(3) Meet Point Billing Mileage Calculation - Continued

- (c) For Switched Access Tandem-Switched Transport; (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.

Example of Billing Percentage (BP) Method Using the Multiple Bill Option

The Tandem-Switched Transport - Facility between Office X and Office Y is jointly provided by utilities A and B. The following example reflects the rate for utility A. Rates for utility B would appear in its appropriate Access Tariff.

- (A) Airline miles from utility A (office X) to utility B (office Y) = 50 airline miles as set for in NECA Tariff FCC No. 4.
- (B) Billing Percentage for each utility (from NECA Tariff FCC No. 4).
- Utility A = 40%
Utility B = 60%
- (C) Access Minutes for Utility A = 9000.

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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

1. Billing Method - Continued

b. Meet Point Billing: - Continued

(3) Meet Point Billing Mileage Calculation - Continued

Example of Billing Percentage (BP) Method Using the Multiple Bill Option - Continued

(D) Tandem-Switched Transport - Facility rate for Utility A = SWT FAC

(E) Tandem-Switched Transport - Termination Rate = SWT TERM

NOTE: The Tandem-Switched Transport - Termination rate does not apply in situations where there is an intermediate, non-terminating Local Exchange Carrier involved in the provision of the Switched Transport Facility.

Formula:

Access Minutes (AM) x Airline Miles (ALM) x Billing Percentage (BP) x Tandem-Switched Transport - Facility Rate (SWT FAC) + [Tandem-Switched Transport - Termination Rate (SWT TERM) x Access Minutes (AM) x Quantity of Terminations (TERMS)] = Total

Calculation:

Utility A

AM ALM BP SWT FAC SWT TERM AM TERMS
9,000 x 50 x .40 x SWT FAC + [SWT TERM x 9,000 x TERMS] = Total

Continued

FACILITIES FOR INTRASTATE ACCESS

GENERAL REGULATIONS

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

1. Billing Method - 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

II. Switched Access

A. General

The Telephone Company adopts Section 6 of the Frontier Telephone Companies Tariff FCC No. 6 (the Telephone Company's Interstate Access tariff) effective as of July 3, 2012, and any successive issues thereto. This tariff was filed with the FCC on behalf of the Telephone Company and affiliated companies.

This tariff includes all the rules, regulations, rates and charges under which interstate access services will be offered. Exceptions to this adoption of the tariff schedules, if any, are as follows:

B. Language Exceptions

(None)

C. Rate Exceptions

Exceptions to Switched Access rates listed in the Telephone Company's Interstate tariff are as follows:

	<u>Originating</u>	<u>Terminating*</u>	
** LOCAL SWITCHING SERVICE CATEGORY **			
PREM LOCAL SWITCHING 1 (BUNDLED) – Non Toll Free	\$0.00765394	*	(C)
PREM LOCAL SWITCHING 2 (BUNDLED) – Non Toll Free	\$0.00765394	*	
N-PREM LOCAL SWITCHING (BUNDLED) – Non Toll Free	\$0.00765394	*	
PREM LOCAL SWITCHING 1 (UNBUNDLED) CKT SW LN – Non Toll Free	\$0.00765394	*	
PREM LOCAL SWITCHING 2 (UNBUNDLED) CKT SW LN – Non Toll Free	\$0.00765394	*	
N-PREM LOCAL SWITCHING (UNBUNDLED) CKT SW LN – Non Toll Free	\$0.00765394	*	
PREM LOCAL SWITCHING 1 (UNBUNDLED) CKT SW TRK – Non Toll Free	\$0.00765394	*	
PREM LOCAL SWITCHING 2 (UNBUNDLED) CKT SW TRK – Non Toll Free	\$0.00765394	*	
N-PREM LOCAL SWITCHING (UNBUNDLED) CKT SW TRK – Non Toll Free	\$0.00765394	*	(C)

* See Frontier Telephone Companies Tariff FCC No. 6 for rates.

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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 XVII.

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 may be subject to Special Construction Charges under the conditions set forth in the Special Construction Section of this tariff.

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.

* Utility Centrex CO-like switches are considered to be customer designated locations for the purposes of this tariff.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access – Continued

A. General - Continued

Facilities and services offered hereunder are not available for intraLATA switched services (including without limitations, 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 15 for qualifying entities and applicable California Teleconnect Fund Program discounts for Switched Data Service, in compliance with D.96-10-066. (T)

Continued

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 XVII, 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. (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

1. Rate Elements - Continued

a. Special Transport Facility - Continued

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. (T)
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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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

1. Rate Elements - Continued

a. Special Transport Facility - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

1. Rate Elements - Continued

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 XVII, 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, Section 20 – 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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

1. Rate Elements - Continued

b. Special Access Line - Continued

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 proceeding, 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 as described in Section 7000 of the Technical Interface Reference Manual.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

1. Rate Elements - Continued

b. Special Access Line - Continued

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.

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 XVII. 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 Section III.H.11.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access

A. General - Continued

1. Rate Elements - Continued

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.

Continued

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 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

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.

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, 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

2. Special Access Configurations - Continued

b. Multipoint Service - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

A. General - Continued

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, Video, Wideband Analog, Wideband Data 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 as set forth in the Technical Interface Reference Manual for each of these services.

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.

Continued

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 transmission performance characteristics of each Special Access offering are stated in the Technical Interface Reference Manual. 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 in the Technical Interface Reference Manual 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

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

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

2. Program Audio

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 & 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

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.

4. Wideband Analog

These facilities are furnished between customer designated locations or between a customer designated location and Utility designated Hub Wire Center where multiplexing is offered. The three types of Wideband Analog facilities are:

- a. Group band facilities with a bandwidth from 60 kHz to 108 kHz for the transmission of a 12 circuit frequency division multiplexer (FDM) group.
- b. Super Group band facilities with a bandwidth from 312 kHz to 552 kHz for the transmission of a 60 circuit FDM super Group. (T)
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- c. Master Group band facilities with a bandwidth from 564 kHz to 3084 kHz for the transmission of a 600 circuit FDM master Group. (T)
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5. Wideband Data Service*

These analog facilities are arranged and furnished for two-point simultaneous two-way transmission of high speed data between two customer designated locations. These facilities are normally utilized for the following data speeds:

- a. 19.2 kbps.
- b. 50 kbps.
- c. 56 kbps.
- d. 230.4 kbps

* Limited to those services so equipped and in service as of May 7, 1993.

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Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

6. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

6. High Capacity Digital - Continued

- 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.

7. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

7. Digital Special Access Service - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Description of Special Access - Continued

7. Digital Special Access Service

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

B. Digital Special Access Service - Continued

8. 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 No. 4, 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

C. Description of Terminating Options

The description of each Terminating Option defines the most effective use of the Terminating Option. The technical parameters of each type of associated Interface are set forth in Section 7000 of the Technical Interface Reference Manual. 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 nonchargeable.

1. Narrowband

a. 0 to 75 Baud Type I

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

C. Description of Terminating Options - Continued

1. Narrowband - Continued

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.

Continued

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 voice band data transmission.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

C. Description of Terminating Options - Continued

2. Voice Grade - Continued

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

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

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

C. Description of Terminating Options - Continued

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.

5. Wideband Data Service*

Provides a Wideband Data Service Special Access Interface for use in providing two-way transmission of sequential synchronous or non-synchronous data at the rates of 19.2, 50, or 230.4 Kbps; or sequential synchronous bipolar data signals at a rate of 56 Kbps over four-wire facilities.

6. 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 FT1 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.

*Limited to these services so equipped and in service as of May 7, 1993.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

C. Description of Terminating Options - Continued

6. High Capacity Digital - Continued

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.

7. Premium Digital Special Access Data 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.

8. 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

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 - 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - 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 or wideband analog points 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 or wideband analog point of interface.

Type-C, Type C-Improved and Type-DA conditioning of voiceband facilities provide a facility which meets the transmission parameters set forth in the Technical Interface Reference Manual 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

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - 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

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

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.

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. Sections 3300, 6000 and 7000 of the Technical Interface Reference Manual provide detailed technical descriptions of the signaling protocols normally available with each service offering. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

4. Signaling Arrangements - Continued

- 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

5. Echo Control

a. Echo Suppression

An arrangement provided at the customer's request to attenuate reflected speech energy on a four-wire facility. This conditioning is generally required on circuits with long propagation delay. Echo suppression is an obsolete service offering and is applicable only to those circuits equipped with echo suppression prior to January 1, 1995. Any service rearrangement or order activity on the circuits equipped with echo suppression may require a change to echo canceller as described in b.

b. Echo Canceller

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

7. Automatic Protection Switching (Continued)

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

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.

Continued

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. Technical parameters and the applicable Voiceband services are specified in the Technical Interface Reference Manual.

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. Technical parameters and the applicable Voiceband services are specified in the Technical Interface Reference Manual.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

D. Description of Supplemental Features - Continued

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. Technical parameters are specified in the Technical Interface Reference Manual.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

E. Multiplexing Arrangements - Continued

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. Group to Voice

An arrangement that multiplexes 12 voice grade circuits to a single wideband analog group band circuit, or multiplexes a single wideband analog group band circuit to twelve voice grade circuits.

3. Super Group to Group

An arrangement that multiplexes five wideband analog group band circuits to a single wideband analog super Group band circuit, or multiplexes a single wideband analog super Group band circuit to five wideband analog group band circuits.

(T)

(T)

(T)

Continued

FACILITIES FOR INTRASTATE ACCESS

5. Special Access – Continued

5. Multiplexing Arrangements - Continued

4. Master Group to Super Group

(T)

An arrangement that multiplexes 10 wideband analog super group band circuits to a single wideband analog master group band circuit.

(T)
(T)

5. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

E. Multiplexing Arrangements - Continued

6. DS3 to DS1

An arrangement that multiplexes 28 DS1 digital circuits to a single DS3 digital circuit at a rate of 44.736 Mbps.

7. DS3C to DS1

An arrangement that multiplexes 56 DS1 digital circuits to a single DS3C digital circuit at a rate of 89.472 Mbps.

8. Group to DS1

An arrangement that multiplexes two wideband analog group band circuits to a single DS1 digital circuit at a rate of 1.544 Mbps.

9. 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.

10. 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

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

E. Multiplexing Arrangements - Continued

11. 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.

12. 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.

13. 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).

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, as described in ANSI T1.102-1987 and the Technical Interface Reference Manual.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

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 Special Access Service is provided. This 24 hour period is not limited to a calendar day. When part-time Program Audio 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 service exceed the amount that would be charged in the same time period for full-time service.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(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.

Continued

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, 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.

Continued

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.

Continued

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 Digital Special Access Lines - Continued

(b) DS1 Optional Payment Plan (OPP) Arrangements

Customers subscribing to the OPP arrangements at rates set forth in III.H.4.f 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.H.4.d will apply. In addition, under an OPP the "Additional System" DS1 SAL may be ordered as set forth in III.G.1.(g) 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(b) 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.

Continued

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.H.7.L.

(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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(7) Voiceband Special Access Conversion Offerings - Continued

- (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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(7) Voiceband Special Access Conversion Offerings - Continued

- (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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

c. Nonrecurring Charges - Continued

(7) Voiceband Special Access Conversion Offerings - Continued

- 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.

Continued

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
- Wideband Group equates to 12 Voiceband Facilities
- Wideband Super Group equates to 60 Voiceband Facilities
- Wideband Master Group equates to 600 Voiceband Facilities
- Each 56 Kbps or 64 Kbps channel in a FT1 Service equates to one Voiceband Facility

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Continued

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

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.
- (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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

d. Special Access Surcharges - Continued

(3) Crediting the Surcharge

If, at anytime 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

e. ICB Rates

The rates for the following offerings will be developed on an Individual Case Basis:

- | | |
|--|-----|
| (1) Wideband Analog - Group Band Facilities | |
| (2) Wideband Analog – Super Group Band Facilities | (T) |
| (3) Wideband Analog – Master Group Band Facilities | (T) |
| (4) High Capacity Digital (DS2, FT3C) | |

The rate for the following Multiplexing Arrangements will be developed on an Individual Case Basis:

- | | |
|---------------------------------|-----|
| (1) Group to Voice | |
| (2) Super Group to Group | |
| (3) Master Group to Super Group | (T) |
| (4) DS2 to DS1 | (T) |
| (5) FT3C to DS1 | |
| (6) Group to DS1 | |

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 Section III.H.9.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

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.(2).
- (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.

Continued

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

(2) 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.

Continued

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

(2) OPP for DS1 Service - Continued

(c) Continued

- 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.1.c.5(b).
- 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

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

(2) 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.

Continued

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

(2) OPP for DS1 Service - Continued

(d) Continued

- 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.

Continued

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

(2) OPP for DS1 Service - Continued

- (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. 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.

Continued

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.

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(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.

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(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.

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Metro Ethernet transport may be converted to standard DS1 special transport rates (i.e., per airline mile) at any time at no charge.

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Continued

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 (T)

(4) Continuation of Service Off the Metro Ethernet (T)

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. (T)
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(5) Service Availability

Metro Ethernet DS1 transport is available to all DS1 customers in the Utility serving areas in which Metro Ethernet have been designated. Service is provided between serving wire centers located on the same Metro Ethernet within the following metropolitan serving areas: (T)
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(T)

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

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

1. Types of Rates and Charges - Continued

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 Communications of the Southwest Inc. Product Guide, Section 2.15, for termination liability rules.

Continued

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 Special Access is one day. In addition, special construction charges may apply.

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.

Continued

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

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 Schedule Cal. P.U.C. No. C-1.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

5. Hub Wire Centers - Continued

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

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

G. Rate Regulations - Continued

6. Shared Use Analog and Digital High Capacity FIA - Continued

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 Schedule Cal. P.U.C. No. A-40.

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 Schedule Cal. P.U.C. No. A-40.

Continued

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

@ IntraLATA was formerly provided in concurrence with Pacific Bell's Tariff Schedule Cal. P.U.C. No. B-5.

* 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

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 200-3500 Hz	11.00	\$ 1.10
d. Program Audio 100-5000 Hz	11.00	1.10
e. Program Audio 50-8000 Hz	21.87	1.10

@ IntraLATA material formerly shown in a different form in Schedule Cal. P.U.C. No. P-1, Original Sheet 19.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

B. Special Transport Facility - Continued

	<u>Monthly Rate</u>	<u>Daily Rate</u>
2. - Continued		
f. Program Audio 50-15000 Hz	\$11.00	\$1.10
g. 19.2 kbps	*	-
h. 50 kbps	*	-
i. 230.4 kbps	*	-
j. 56 kbps	*	-

* Rates based on individual case basis.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

B. Special Transport Facility - Continued

2. Per channel per airline mile - Continued

Monthly Rate
Per Airline Mile

k. High Capacity Digital DS1 (1.544 Mbps) ¹	\$ 32.38
l. High Capacity Digital DS3 (44.736 Mbps)	20.00
m. Premium Digital Special Access Service ²	
(1) 2.4 kbps	3.22
(2) 4.8 kbps	3.22
(3) 9.6 kbps	3.22
(4) 56 Kbps	3.34

¹ IntraLATA HiCap end user to end user DS1 facilities formerly appeared in a different form in Schedule Cal. P.U.C. No. G-14, 5th Revised Sheet 13.

² IntraLATA was formerly provided in concurrence with Pacific Bell's Tariff Schedule Cal. P.U.C. No. B-5.

Continued

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</u> <u>Per Airline Mile</u>	
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		
	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	
p.	Metro Ethernet -Special Transport Per DS1	<u>Monthly Rate</u> \$75.00	(T)

@ IntraLATA was formerly provided in concurrence with Pacific Bell's Tariff Schedule Cal. P.U.C. No. B-5.

@₁ IntraLATA material formerly shown in Schedule Cal. P.U.C. No. G-15, Original Sheet 9.1.1.

Continued

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

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>		
5. Voiceband [@]		
Two-wire/Four-wire	\$14.95	
6. Program Audio [@]		
a. 200-3500 Hz	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	

[@] IntraLATA material formerly shown in different form in Schedule Cal. P.U.C. No. P-1, Original Sheet 19.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>Monthly Rate</u>
D. <u>Special Access Line</u> - Continued	
2. - Continued	
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

IntraLATA was formerly provided in concurrence with Pacific Bell's Tariff Schedule No. B-5.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

D. Special Access Line - Continued

		<u>NRC</u>	<u>Monthly Rate</u>	<u>Daily Rate</u>
3.	Program Audio @			
	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

@ IntraLATA material formerly shown in Schedule Cal. P.U.C. No. P-1, Original Sheet 20.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

D. Special Access Line - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
5. 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

@ IntraLATA HiCap end user to end user DS1 facility formerly appeared in Schedule Cal. P.U.C. No. G-14, 3rd Revised Sheet 12.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

D. Special Access Line - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
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

@ IntraLATA HiCap end user to end user DS1 facility formerly appeared in Schedule Cal. P.U.C. No. G-14, 3rd Revised Sheet 12.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

D. Special Access Line - Continued

6. 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		
7. 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	--	106.20

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		
7. High Capacity Digital FT1 Facilities - Continued		
b) High Capacity Digital FT1 Optional Payment Plan - Continued		
2) 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
3) 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
8. 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

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		
8. High Capacity Digital DS3 (44.736 Mbps) - Continued		
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 ¹		
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

¹ 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 200-3500Hz, 100-5000Hz, 50-8000Hz, 50-15000Hz	151.28	10.02	<u>Daily Rate</u> 1.00

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

F. Supplemental Features - Continued

1. Bridging - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
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

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

F. Supplemental Features - Continued

1. Bridging - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
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 @

	<u>NRC</u>	<u>Monthly Rate</u>	<u>Daily Rate</u>
a. Stereo (50-15000) Hz	202.08	4.41	.44
b. Zero Loss 200-3500 Hz 100-5000 Hz 50-8000 Hz 50-15000 Hz	787.34	17.92	1.79

@ IntraLATA was formerly shown in a different form under Schedule Cal. P.U.C. No. P-1, Original Sheet 21.

Continued

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

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
F. <u>Supplemental Features</u> - Continued		
5. Echo Control		
a. Echo Suppression *, per circuit	\$240.73	\$ 8.09
b. 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

@ IntraLATA material formerly shown in a different form in Schedule Cal. P.U.C. No. G-14, 5th Revised Sheet 13.

* Obsolete and only applicable to circuits so equipped as of January 1, 1995.

Continued

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

@ IntraLATA was formerly provided in Schedule Cal. P.U.C. No. G-8 in concurrence with Pacific Bell's Tariff Schedule Cal. P.U.C. No. B-5.

Is not offered with Premium Digital Special Access Service.

Continued

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 ¹	\$ 4,683.26	\$ 205.21	
2. Group to Voice	2	2	
3. Super Group to Group	2	2	(T)
4. Master Group to Super Group	2	2	(T)
5. DS1 to Voice ³	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	

¹ Obsolete offering limited to those circuits so equipped in service as of January 1, 1995.

² Rates based on individual case basis.

³ IntraLATA material formerly shown in Schedule Cal. P.U.C. No. G-14, 5th Revised Sheet 13.

Continued

FACILITIES FOR INTRASTATE ACCESS

III. Special Access - Continued

RATES - Continued

	<u>NRC</u>	<u>Monthly Rate</u>
G. <u>Multiplexing Arrangements</u> - Continued		
12. 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
13. 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
14. 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

Continued

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>Monthly Rate/NRC</u> <u>MRC</u>	
1. MCI 9/1/88	(1) DS3 Fiber link from GTE 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

Continued

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 15 for qualifying entities and applicable California Teleconnect Fund Program discounts.

(T)

Continued

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.

Continued

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.

Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

C. Telecommunications Service Priority (TSP) System - Continued

2. Obtaining TSP System Service - Continued

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:

TSPxxxxn-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.

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 Cal. P.U.C. No. A-10, 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. The rates and charges will apply as set forth under Section IX, Special Construction.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

C. Telecommunications Service Priority (TSP) System - Continued

3. Provisioning Priority - Continued

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 Schedule Cal. P.U.C. No. A-10, 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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

C. Telecommunications Service Priority (TSP) System - Continued

5. Obligations of the Customer - Continued

- 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.

Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

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.

Continued

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.

Continued

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 My 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

D. Additional Testing - Continued

1. Switched Access Testing - Continued

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).

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

D. Additional Testing - Continued

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 as set forth in the Technical Interface Reference Manual.

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.

Continued

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 monthly bills in paper format. At the option of the customer, its monthly bills may be provided on magnetic tape. When call detail is transmitted via magnetic tape, a charge will apply on a per tape and per record of detail entered basis. The provision of the bills on magnetic tape will be at an additional charge to the customer, set forth in the RATES section.

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.

Continued

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

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 magnetic tape, 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.

Continued

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.

Continued

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

- 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 or Section I.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 paystations) and residence. Nonlisted/nonpublished information will be excluded, with the exception of nonlisted public paystations. Per record rates for the Standard Sort End User Validation List are set forth in the RATES section.
- b. Per calendar year, the customer may request up to two (2) lists for business, coin, and residence listings.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

F. Billing Name and Address Service (BNAS) - Continued

2. End User Validation List - Continued

- 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

G. Carrier Selection Process for Equal Access - Continued

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 magnetic tape or paper printout.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

G. Carrier Selection Process for Equal Access - Continued

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 VII following.

Continued

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

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	

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

RATES - Continued

	<u>Charge</u>
D. <u>Provision of FIA Billing Information In Magnetic Tape Format</u>	
1. Per Magnetic Tape	\$50.00
2. Per Record	.01
E. <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*	50.00
(Available in Paper Report, Electronic Transmission or Magnetic Tape)	
(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 work force), per programmer	100.00
(e) Data transmission of Billing Information Service details to an IC location per record transmitted	ICB-Rates and Charges Apply

* Applies once per calendar year for BNA processing done within that calendar year. Customers may only choose one reporting format per calendar year.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

RATES - Continued

	<u>Charge</u>
E. <u>Billing Name and Address Service</u> - Continued	
2. <u>Data Gathering Service</u>	
(a) Per Record Accessed	.18
(b) Processing Fee*	75.00
(Available in Paper Report, Electronic Transmission, or Magnetic Tape)	
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	78.00
(Available in Electronic Transmission, or Magnetic Tape)	

* Applies once per calendar year for DGS processing done within that calendar year. Customer may only choose one reporting format per calendar year.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

RATES - Continued

F. 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 ¹	\$2.23

G. 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.

¹ Change made at the same time to the same IC, CLC or LEC for both InterLATA and IntraLATA.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Reserved For Future Use

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Reserved For Future Use - Continued

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Reserved For Future Use – Continued

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Reserved For Future Use - Continued

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Reserved For Future Use - Continued

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Reserved For Future Use – Continued

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

H. Reserved For Future Use - Continued

(T)

(D)

(D)

Continued

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:

- (1) The Utility will provide a list from its customer data base. The list may be provided on magnetic tape, electronic transmission or paper printout, at the option of the IC, CLC or LEC, at the rates set forth in the Telephone Operating Companies Tariff FCC No. 1, Section 6. Foreign listings, PBX stations, CU centrex stations, public coin station and numbers not in service will not be provided.
 - (a) 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.
 - (b) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

I. End User/Agent Lists - Continued

1. Presubscription List - Continued

(a) IntraLATA Equal Access - Continued

- (2) 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.
- (3) 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.
- (4) 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.
- (5) 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.

Continued

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 on magnetic tape, electronic transmission or paper printout, at the option of the IC, CLC or LEC, at rates set forth in the Tariff FCC No. 4, 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.

The purpose, liability and objectives associated with the provision of the Snapshot List is in IV.J.1.a.(2),(3),(4),(5).

Continued

FACILITIES FOR INTRASTATE ACCESS

IV. Miscellaneous Services - Continued

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 Communications of the Southwest Inc.'s Product Guide Section 3, 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 Communications of the Southwest 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 Communications of the Southwest Inc. are subject to rebilling to the end user by the alleged unauthorized local service provider.

Continued

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 file 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 44 and 45, 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.

Continued

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.a.(1), 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.

Continued

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

(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.a.(11).

(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.

(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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

a. Undertaking of the Utility - Continued

(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.

(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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

b. Obligations of the Customer - Continued

(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.

Continued

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

Directory Assistance Operator Service will be initially ordered for a minimum period of two years with a discontinuance notification of six months.

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.

Continued

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

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.

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.

Continued

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 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.

Continued

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.

Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

c. Payment Arrangements - Continued

(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 nonrecoverable 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.

(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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

c. Payment Arrangements - Continued

(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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

2. Regulations - Continued

c. Payment Arrangements - Continued

(4) Minimum Period Disconnect Charges - Continued

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.

Continued

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.

(1) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

(1) Billing and Collection Services - Continued

The Utility will provide an escalated complaint package to the customer on a monthly basis which will summarize each escalated complaint¹ 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

(1) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

(1) Billing and Collection Services - Continued

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 SubCIC's 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 SubCIC's 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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

(1) Billing and Collection Services - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

(2) 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:

(a) Assembly of Message Detail

This function consists of arranging the customer's recorded message details into a format required for subsequent processing.

(b) 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.

(c) 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.a.(4).

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

(3) 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.(4).

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

(4) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

(5) 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.

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.a.(2), 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.a.(4) or V.A.4.a.(13), to the location specified by the Utility.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services – Continued

(5) Message Bill Processing Service

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

(6) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

(7) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

(8) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

(8) Bill Processing and Collection Service - Continued

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).

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

(8) Bill Processing and Collection Service - Continued

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.a.(2), 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.a.(4) 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.

(9) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

(9) 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.

(10) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

(10) Program Development Service - Continued

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.

(11) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. General - Continued

3. Description of Ancillary Services - Continued

a. Billing and Collection Services - Continued

(11) Inquiry Service - Continued

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.

(12) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.3.a. (12) - 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.3. - Continued

b. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A. - 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.a.(1). 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.a.(2). 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.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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.4.a. - Continued

- (5) The Message Bill Processing Service charge applies whenever the Utility performs the functions listed in V.A.3.a.(5). 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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.4.a. - Continued

- (6) Bill Rendering Service includes the functions listed in V.A.3.a(6). 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.4.a. - Continued

- (7) Message Investigation Service consists of the functions listed in V.A.3.a.(7). 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.a.(8). The rate, as set forth in the RATES section, applies per message.
- (9) Invoice Billing Service consists of the functions listed in V.A.3.a.(9). 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.4.a. - Continued

- (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) (Reserved for Future Use)
- (15) Inquiry Service includes the functions listed in V.A.3.a.(11). 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.4. - 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 include Operator Transfer and Inward Operator Assistance functions which enable a customer to provide operator related services to their end users. A customer may order both Operator Transfer and Inward Operator Assistance Services or may order them individually.

(2) General Description

(a) Operator Transfer Service

Operator Transfer Service is an originating service that provides call transfer of 0- (the digit 0 with no additional digits) intrastate calls to a participating customer as requested by the calling end user. Operator Transfer Service is provided when an end user dials "0" and is routed to the Telephone Company's operator and requests completion of an intrastate call. Operator Transfer Service provides for the routing of the call from the Telephone Company's Operator Services Switching Location to one customer designated location in the same LATA.

The Telephone Company operator will ask the end user to identify the customer to which they desire to be connected. The operator will then transfer the call to the designated customer.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.4.c.(2)(a) - Continued

If the end user has no preference, or the identified customer has not subscribed to Operator Transfer Service, the end user will be asked to select from a list of participating customers. The list of participating Operator Transfer Service customers will be updated monthly. The order in which participating customers will appear on the list will be initially determined by use of a random drawing. For each subsequent monthly update following the initial selection, the customer in the first position will be moved to the last position on the list. All other customers will be moved up one position. New Operator Transfer Service customers will be placed at the bottom of the list of participating customers pending the next monthly update.

(b) Inward Operator Assistance Service

Inward Operator Assistance Service provides for operator assistance on inward calls received from a customer's operator. Three Inward Operator Assistance functions are provided as described below. Each call may include any combination of functions for the same telephone number. Only one telephone number per call will be handled by the operator.

(D)
|
(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.4.c.(2)(b) - Continued

- (D)
- (D)
- (1) Operator Assistance - The Telephone Company operator will provide the customer's operator with assistance or information regarding service conditions. (T)
- (3) Service Provisioning
- (a) The Telephone Company will provide Operator Transfer Service for calls originating from all end offices within the LATA served by a designated Operator Services Switching Location.
- 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. Both Operator Transfer and Inward Operator Assistance traffic may be combined on the same trunk group.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.4.c.(3) - Continued

- (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.

(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. For Operator Transfer Service, FCC and FGD access minutes will also be billed in addition to the per call charge.

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., Operator Transfer and 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

A.4.c.(4) - Continued

(a) Operator Transfer Service

Operator Transfer Service Rate

The Operator Transfer Service Rate is assessed per 0- call transferred to a customer. A 0-call is considered transferred when the Telephone Company Operator activates the transfer function sending the call to the designated customer.

Switched Access Charges

FGC or FGD Switched Access usage charges will also apply per minute of use for Operator Transfer Service.

(b) Inward Operator Assistance Service

Inward Operator Assistance Service includes the functions of 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.

(T)

Switched Access Charges

FGC or FGD Switched Access usage charges do not apply to Inward Operator Assistance Service.

Continued

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

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

RATES - Continued

A. <u>Billing and Collection Service</u> - Continued	<u>Charge</u>
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

Continued

FACILITIES FOR INTRASTATE ACCESS

V. Ancillary Services - Continued

RATES - Continued

A.	<u>Billing and Collection Service</u> - Continued	<u>Charge</u>
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
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

Continued

FACILITIES FOR INTRASTATE ACCESS

<u>V. Ancillary Services - Continued</u>	<u>Charge</u>
<u>RATES - Continued</u>	
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.	
(Reserved for Future Use)	
<u>B. Directory Assistance Operator Service</u>	
Per Call	.2800
<u>C. Operator Services</u>	
1. Operator Transfer Service	
(a) Per call transferred	.35
2. Inward Operator Assistance Service	
(a) Per call, per telephone number	.65

Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

A. General - Continued

1. Ordering Conditions - Continued

- 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.

- 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

A. 1. c. - Continued

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., will apply. In addition to the Switched Access Ordering Charge, the 500 NXX Translation Charge, as described in Section II., 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.

(T)
(T)

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. SPECIAL CONDITIONS

A. 1. c. - Continued

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.

- 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. 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.

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Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

A. 1. f. Continued

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 No. 4.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

A. 1. - 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. Reserved for Future Use

- j. 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.

- k. (Reserved for Future Use)

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

A. General - Continued

1. Ordering Conditions

- I. 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 GTOC Tariff FCC No. 1. 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.

- m. When ordering Expanded Interconnection Services (EIS) as described in XVII.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. (T)

- n. (Reserved for Future Use)

- o. When ordering FGD or BSA-D Switched Access with 950-XXXX Access as described in II., 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. (T)

Continued

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.

3. Special Construction

- a. The regulations, rates and charges for Special Construction are in addition to the regulations, rates and charges specified in this section.
- b. Special Construction is not applicable to EIS.

4. Expanded Interconnection Services (EIS)

The regulations, rates and charges for EIS in Section XVII are in addition to the regulations, rates and charges specified in this section.

Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. Access Service Request - Continued

2. ASR Modifications - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. Access Service Request - Continued

2. ASR Modifications - Continued

b. Partial Cancellation Charge - Continued

- (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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. 2. - Continued

e. Expedited Order Charge

When placing an Access Service Request a customer may request a service date that is prior to the Telephone Company's published service date interval. If the Telephone Company determines that the service can be provided on the requested date, an Expedited Order Charge will apply.

A customer may also request an earlier service date on a pending Access Service Request. If the customer's request can be accommodated, a Service Date Change Charge as described in Section 3.2.2(A) will apply in addition to the Expedited Order Charge.

If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, the Expedited Order Charge will not apply.

In the event that the Telephone Company provides service on an expedited basis by customer request and the customer then delays service, an additional Service Date Change Charge as described in Section 3.2.2(A) will apply.

The Expedited Order Charge applies per order, based on the requested service date. A request to expedite service to be available the next day is a one day expedite, a request for service in two days is a two day expedite, and so on to a request for service a week from the request date is a seven day expedite. Expedited orders for same day service are not available. If the requested service date is at the published service date interval or later, no Expedited Order Charge will apply.

Rates for Expedited Order Charges are as follows:

	<u>Charges</u>	
One Day Expedite	\$504.00	(R)
Two Day Expedite	487.00	(I)
Three Day Expedite	469.00	
Four Day Expedite	452.00	
Five Day Expedite	348.00	
Six Day Expedite	344.00	
Seven Day Expedite	344.00	
Eight Day Expedite	344.00	
Nine Day Expedite	344.00	(I)

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. 4. - Continued

- d. The minimum period for FIA provided under the Special Construction provisions of this tariff and for which charges are applicable is set forth in Section IX, B.
- e. 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.
- f. 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.
- g. The minimum periods for Expanded Interconnection Services are in Section XVII.G.2.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. Access Service Request - Continued

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

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B. Access Service Request - Continued

6. Cancellation of an ASR

- 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B .6. c. - Continued

- (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 in 2.4.1(C).

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

B .6. c. - 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

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.

Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

C. Access Service Requests For Services Provided By More Than One Utility - Continued

1. Continued

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.

Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

VI. Ordering Options for FIA - Continued

D. 4. - Continued

<u>Interface Arrangement</u>		<u>Total</u>	<u>Minimum</u>	
<u>Type</u>	<u>Name</u>	<u>Capacity</u>	<u>Capacity</u>	
		(circuits)	(circuits)	
Analog	Group	12	9	
Analog	Super Group	60	42	(T)
Analog	Master Group	600	420	(T)
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.

Continued

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

FACILITIES FOR INTRASTATE ACCESS

VII. Specialized FIA or Arrangements

A. General

Specialized FIA or Arrangements may be provided by the Utility at the request of a customer, on an Individual Case Basis (ICB) if such FIA or arrangements meet the following criteria:

1. The requested FIA or arrangements are not offered under other sections of this tariff.
2. The facilities utilized to provide the requested FIA or arrangements are of a type normally used by the Utility in furnishing its other services.
3. The requested FIA or arrangements are provided within a Market Area.
4. The requested FIA or arrangements are compatible with other Utility services, facilities, and its engineering and maintenance practices.

This offering is subject to the availability of the necessary Utility personnel and capital resources.

B. Rates and Charges

Rates and charges and additional regulations, if applicable, for Specialized FIA or Arrangements provided on an individual case basis will be filed herein.

Continued

FACILITIES FOR INTRASTATE ACCESS

VIII. Special Facilities Routing of FIA

A. Description

The FIA are provided over such routes and facilities as the Utility may elect. Special routing is involved where, in order to comply with requirements specified by the customer, the Utility provides Access Services in a manner which includes one or more of the following conditions.

1. Diversity

Where two or more FIA must be provided over not more than two different physical routes.

2. Avoidance

Where a FIA must be provided on a route which avoids specified geographical locations.

3. Cable-Only Facilities

Where certain voice grade FIA are provided on cable-only facilities to meet the particular needs of a customer. FIA is provided subject to the availability of cable-only facilities. In the event of FIA failure, restoration will be made through the use of any available facilities as selected by the Utility.

In order to identify any special routing requirement, the Utility will provide the ordering customer with the required routing information for each specially routed FIA. If requested by the customer, this information will be provided when the FIA is installed and prior to any subsequent change in routing.

The rates and charges for Special Facilities Routing of FIA are in addition to all other rates and charges.

B. Rates and Charges

The rates and charges for Special Facilities Routing of FIA will be developed on an individual case basis for Diversity, Avoidance, Diversity and Avoidance Combined and Cable-Only Facilities.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction

A. General

This section contains the regulations, rates and charges applicable for Special Construction of Utility facilities which are used to provide FIA.

When Special Construction of FIA is required, the provisions of this section apply in addition to regulations, rates and charges set forth in other sections of this tariff as well as Rule 2 shown in Schedule Cal. P.U.C. D&R.

1. Conditions Requiring Special Construction

Special Construction is required when facilities, suitable to the customer, are not available to meet the order and one or more of the following conditions exist:

- a. The Utility has no other requirement for the facilities requested
- b. It is requested that FIA be furnished using a type of facility, or via a route, other than that which the Utility would otherwise utilize in furnishing the requested FIA.
- c. More facilities are requested than are required to satisfy its order for FIA.
- d. It is requested that construction be expedited resulting in added cost to the Utility.
- e. It is requested that temporary facilities be constructed until permanent facilities are available.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

A. General - Continued

2. Filing of Charges

Rates and charges for Special Construction will be filed on an individual case basis. After charges have been filed and have become effective they will apply from the date that the special construction was provided.

3. Ownership of Facilities

The Utility retains ownership of all specially constructed facilities except for those facilities constructed by connecting companies or carriers, even though the customer may be required to pay Special Construction Charges.

4. Interval to Provide FIA

Based on available information and the type of FIA ordered, the Utility will establish a scheduled date for the installation of necessary facilities. The date will be established on an individual case basis and provided to the customer.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

A. General - Continued

5. Special Construction Involving Interstate and Intrastate FIA

When Special Construction involves facilities used to provide both interstate and intrastate ~IA, charges for the portion of the construction used to provide intrastate FIA shall be in accordance with this tariff. Charges for the portion of the construction used to provide interstate FIA shall be in accordance with Tariff FCC No. 4.

B. Liabilities, Charges and Payments

1. General

This section describes the various charges and liabilities that apply when the Utility provides special construction of FIA in accordance with a customer's specific request. Once the customer is notified of all charges and liabilities, the customer must provide the Utility with written approval prior to the start of construction. If more than one condition requiring special construction is involved, charges for each condition apply.

2. Payment of Charges

Payment is due upon presentation of a bill for the specially constructed facilities.

3. Start/End of Billing

Billing of recurring charges for specially constructed FIA starts on the day after the FIA are provided. Billing accrues through and includes the day that the specially constructed FIA are discontinued. Monthly charges will normally be billed one month in advance.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

B. Liabilities, Changes and Payments - Continued

4. Partial Payments

The Utility will require a customer which has a proven history of late payments to the Utility, or does not have established credit, to make a partial payment for the portion of the estimated cost of the Special Construction for which the customer is subject to a nonrecurring charge. Partial payments will be requested as costs are incurred and will be credited to the customer's account. Partial payments will not exceed the total nonrecurring charge to the customer for the Special Construction.

5. Development of Liabilities and Charges

The customer has the option of accepting the liabilities and charges based on estimated or actual costs. Estimated costs will be used unless the customer notifies the Utility of the selection of the actual cost option in writing prior to the start of special construction.

Under the estimated cost option, special construction liabilities and charges are developed based on estimated costs and will be filed in this tariff.

Under the actual cost option, if all actual costs are not available prior to the in-service date of the FIA, estimated special construction charges will be filed in this tariff. As soon as the actual costs, including costs of maintaining and tiling these costs, are subsequently determined, the estimated charges will be adjusted to reflect the actual costs. The filed charges will then reflect actual costs existing at the time the CIA are provided.

6. Type of Contingent Liabilities

Depending on the specifics associated with each individual case, the Maximum Termination Liability may be applicable to Special Construction.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

B. 6. - Continued

a. Maximum Termination Liability (MTL)

An MTL has two components, an amount and a specified period of time.

The amount is equal to all nonrecoverable costs less the net salvage value; (e.g., depreciation, return, income tax associated with the specially constructed facilities.) The amount will be amortized over the average account life of the specially constructed facilities. The standard liability period is the average account life of the specially constructed facilities expressed in years.

At the customer's option, an optional liability period shorter than the average account life may be established. If the customer chooses an optional liability period, the MTL amortization schedule will not change. The remaining MTL amount for the period between expiration of the optional liability period and the expiration of the amortization schedule will be due as a lump sum payment at the time the optional liability period expires unless the case of Special Construction is extended.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

B. 6. a. - Continued

Prior to the expiration of an optional liability period, the customer has the option to (1) extend the use of the specially constructed FIA establishing a new liability period, or (2) terminate the case of Special Construction and pay the lump sum payment.

The Utility will notify the customer six months in advance of the expiration date of the optional liability period. The customer must provide the Utility with written notification of its intention to be received one month prior to the expiration of the optional liability period. Failure to do so, and payment of the next month's charges, will result in extension of the case of the Special Construction and the establishment of a new liability period equal to the remaining amortization period. A case preparation charge will always apply if the Special Construction case is extended.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

B. Liabilities, Charges and Payments - Continued

7. Types of Charges

Two categories of charges may be applicable for Special Construction. These charges are nonrecurring charges and recurring charges. These categories are described below.

a. Nonrecurring Charges

One or more of the following nonrecurring charges may apply for each completed case of Special Construction or inquiry for Special Construction:

- Case Preparation
- Termination
- Cancellation
- Expediting the Construction
- Optional Payment Charges

(1) Case Preparation Charge

The charge for case preparation includes such items as the administrative expense associated with preparing and listing the charges in the tariff. This includes such items as (a) tariff preparation and processing and (b) gross receipts and surcharge taxes.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

B. 7. a. - Continued

(2) Termination Charge

A termination charge applies when, at the customer's request, FIA provided on specially constructed facilities which have a tariffed Maximum Termination Liability are discontinued prior to the expiration of the liability period.

The charge reflects the unamortized portion of the nonrecoverable cost at the time of termination of the specially constructed FIA adjusted for tax effects, for net salvage and for possible reuse. Administrative costs associated with the specific case of special construction and any cost for restoring a location to its original condition are also included. Termination charges will never exceed the MTL.

(3) Cancellation Charge

If the customer cancels an order with which Special Construction is associated prior to the in-service date of the FIA, a cancellation charge will apply. The charge will include all nonrecoverable costs less the net salvage value incurred by the Utility up to and including the time of cancellation.

(4) Expediting Charge

An expediting charge applies when a customer requests that special construction be completed on an expedited basis. The charge is equal to the difference in the estimated cost of construction on an expedited basis and construction without expediting.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

B. 7. a. - Continued

(5) Optional Payment Charge

The customer may elect to pay an optional payment charge when it requests special construction of facilities utilizing (1) a type of facilities or (2) a route other than that which the Utility would otherwise utilize in furnishing the requested service. Payment of this charge will result in a lower recurring charge for special construction. This election must be made in writing before special construction starts.

If this election is coupled with the actual cost option, the optional payment charge will reflect the actual cost of the specially constructed facilities.

(a) Development of Optional Payment Charge

This charge is equal to the excess installed cost or the total nonrecoverable cost, whichever is less (based on estimated or actual costs as elected by the customer). The methodology for the development of the Optional Payment Charge is set forth in Tariff FCC No. 4.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

B. 7. a. (5) - Continued

(b) Replacement Charge

If any portion of the specially constructed FIA, for which an optional payment charge has been paid, requires replacement involving capital investment, a charge for replacement will apply.

This charge will in the same ratio as the initial optional payment charge was to the installed cost of the specially constructed FIA. The customer will be notified in writing that the replacement is required. Replacement will not be made without the customer's order. If any portion of the FIA subject to the replacement charge fails, the FIA will not be restored until the customer orders the replacement. The methodology for development of the Replacement Charge is set forth in the Tariff FCC No. 4.

(c) Recurring Charges

These charges apply on a monthly or annual basis for specially constructed FIA. There are two conditions for which recurring charges apply. When a customer:

- requests a facility route or type other than that which the Utility would utilize to provide a FIA.
- makes a request resulting in the Utility leasing transmission or other equipment from private vendors to provide a FIA (Lease Charge).

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

B. 7. b. - Continued

(1) Charge for Route or Type Other Than Normal

When the customer requests special construction using a route or type of FIA other than that which the Utility would normally use, a recurring charge is applicable. The charge is the difference between the estimated recurring costs of the specially constructed FIA and the estimated recurring costs of the FIA the Utility would normally use. The charge will be no greater than the recurring costs of the specially constructed FIA.

- (a) If the customer elects to pay an optional payment charge, the portion of the recurring charge for the excess investment covered by the optional payment excludes capital cost items (depreciation, return on investment and federal income tax on that return). The remaining recurring expense cost items associated with the Optional Payment (maintenance, administration, and other taxes), are increased by a ten percent management fee, and will be included in the recurring charge.

The portion of any recurring charge associated with any remaining special construction investment will include both capital and expense costs. The ten percent management fee is not applied to this portion of the recurring charge. The methodology for development of the charge for route and type other than normal is set forth in Tariff FCC No. 4.

- (b) If the customer has elected the actual cost option, the Recurring Charge will be adjusted to reflect the actual cost of the new construction when the cost is determined. This adjusted Recurring Charge is applicable from the start of FIA.

(2) Lease Charge

A lease charge applies when the Utility leases equipment (e.g., portable microwave equipment) in order to provide FIA to meet the customer's requirements. The amount of the charge is the net added cost to the Utility caused by the lease.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

B. Liabilities, Charges and Payments - Continued

8. Application of Charges

The charges for special construction are those charges which are in effect for the period that the special construction is furnished. If the charges for a period covered by a bill change after the bill has been rendered, the bill will be adjusted to reflect the new charges. Charges are based on special construction of (a) permanent FIA, or (b) temporary FIA.

a. Special Construction of Permanent FIA

(1) Special Construction When Permanent FIA Are Not Available and There Is No Other Requirement for Them

When permanent FIA are not available and the Utility constructs them and there is no other Utility need for the specially constructed FIA, a nonrecurring charge and a Maximum Termination Liability charge may be applicable.

(2) Special Construction Using a Route or Type of FIA Other Than Normal

When the specially constructed FIA involve a route or type of FIA other than that which the Utility would ordinarily use, charges are based on the difference between the estimated costs of the specially constructed FIA and those the Utility would ordinarily use. A nonrecurring charge, a recurring charge, and a Maximum Termination Liability charge may be applicable.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

B. 8. a. - Continued

(3) Special Construction of a Greater Quantity of FIA Than Necessary to Satisfy the Customer's Order for Service

When the Utility constructs more FIA than is required to satisfy the customer's order, additional charges will apply. These charges may include a nonrecurring charge, a recurring charge, and a Maximum Termination Liability charge.

(4) Special Construction Expedited at Greater Cost Than Would Otherwise be Incurred

When construction is expedited resulting in added costs, a nonrecurring expediting charge applies.

b. Special Construction of Temporary FIA Order

When permanent FIA are not available and temporary FIA are constructed pending the construction of permanent FIA, a nonrecurring charge, and a Maximum Termination Liability charge may be applicable.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

C. Deferral of the In-Service of FIA

1. General

The customer may request the Utility to defer the in-service of FIA on specially constructed FIA. If the deferral is not in compliance with the Ordering Option for FIA, the special construction case is considered to be cancelled and cancellation charges apply. Requests for deferral must be in writing and are subject to the following regulations:

2. Construction Has Not Started

If the Utility has not incurred any costs (e.g., engineering and/or Installation) before receiving the customer's request for deferral, no charge applies other than the Case Preparation Charge. However, the original quotation is subject to Utility review at the time of reinstatement to determine if the original charges are still valid. Any change in liabilities and charges requires the concurrence of the customer in writing. Additional Case Preparation Charges will also apply.

3. Construction Has Started But Is Not Complete

If the construction of FIA has started, but has not been completed, before the Utility receives the customer's request for deferral, charges apply. The charges vary depending on whether all or some of the FIA ordered are deferred.

a. All FIA Are Deferred

When all FIA involving special construction are deferred, a charge equal to the costs incurred during each month of the deferral applies. Those costs include the recurring costs for that portion of the FIA already completed and any other costs associated with the deferral. The Case Preparation Charge also applies.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. Special Construction - Continued

C. 3. - Continued

b. Some But Not All FIA Are Deferred

When some, but not all, FIA utilizing the specially constructed FIA are deferred, the special construction case will be completed. Maximum Termination Liability will apply in addition to Case Preparation Charges, and any recurring charges associated with the Special Construction.

4. Construction Complete

If the construction of FIA has been completed before the Utility receives the customer's request for deferral, the case preparation charge, and Maximum Termination Liability as originally determined, will apply and any recurring charges associated with the Special Construction.

D. Charges for Customers Choosing the Optional Liability Period to Provide Permanent FIA

This section contains the Special Construction charges to provide permanent FIA to individual customers. Charges are developed on an individual case basis for a specific customer and shall be filed in this section.

Continued

FACILITIES FOR INTRASTATE ACCESS

IX. SPECIAL CONSTRUCTION - Continued

E. Special Construction Charges

<u>Customer Name/ Effective Date</u>	<u>Description and Location</u>	<u>MTL/NRC MRC</u>
AT&T Communications September 21, 1987	(2) DS1 circuits between Cell Site 18 for L.A. Cellular at Whitewater Mt. and the Palm Springs East Central Office. (In addition, rates and charges in Section III, Special Access apply).	NRC \$81,130.
AT&T Communications (eff. date of filing)	(1) DS1 circuit between Cell Site 19 for L.A. Cellular at N. Indio Hill and the Palm Springs East Central Office. (In addition, rates and charges in Section III, Special Access apply).	NRC \$13,859.36

Continued

FACILITIES FOR INTRASTATE ACCESS

X. Special Federal Government FIA

A. General

This section covers FIA that are provided for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government. FIA provided to state emergency operations centers are included. These FIA provide for command and control communications, including communications for national security, emergency preparedness and presidential requirements. They are required to assure continuity of Government in emergency and crisis situations and to provide for national security.

FIA for command and control communications and for national security and emergency preparedness sometimes required within a short time frame. These provisions are especially needed to meet presidential requirements or in response to natural, man-made, or declared emergencies. Requirements of this type cannot be forecasted and are usually needed for a relatively short period. The provision of FIA under these conditions may require the availability of facilities, such as portable microwave equipment, etc., which are provided on a temporary basis.

B. Emergency Conditions

These FIA will be provided on the date requested or as soon as possible thereafter when the emergency falls into one of the following categories:

1. State of crisis declared by the National Command Authorities (includes commitments made to the National Communications System in the "National Plan for Emergencies and Major Disasters").
2. Efforts to protect endangered U.S. personnel or property both in the U.S. and abroad (includes space vehicle recovery and protection efforts).

Continued

FACILITIES FOR INTRASTATE ACCESS

X. Special Federal Government FIA - Continued

B. Emergency Conditions - Continued

3. Communications requirements resulting from hostile action, a major disaster or a major civil disturbance.
4. The Director (Cabinet level) of a Federal Department, Commander of a Unified/Specified Command, or Head of a Military Department has certified that a communications requirements is so critical to the protection of life and processed immediately.
5. Political unrest in foreign countries which affect the national interest.
6. Presidential Service

C. Intervals to Provide FIA

Orders for FIA may be placed under the provisions, as set forth under Ordering Options for FIA.

Continued

FACILITIES FOR INTRASTATE ACCESS

X. Special Federal Government FIA - Continued

D. Safeguarding of FIA

1. FIA Availability

In order to insure communications during periods of emergency, the Utility will (within the limits of good management) make available the necessary facilities to restore FIA in the event of damage or to provide temporary emergency FIA.

In order to meet the requirements of agencies or branches of the Federal Government, the Utility may utilize Government owned facilities, when necessary, to provide FIA.

E. Federal Government Regulations

FIA provided to the Federal Government will be billed in arrears, as required by Federal procurement or disbursement regulations or as established by law. ICs providing service to Federal Government are not entitled to the benefits of those laws or regulations providing for billing the Federal Government in arrears.

Continued

FACILITIES FOR INTRASTATE ACCESS

X. Special Federal Government FIA - Continued

F. FIA Offerings to the Federal Government

The following FIA are provided to a customer only for agencies or branches of the Federal Government. Access Services provided to the Federal Government, but not specified in the following, will be provided in accordance with the regulations and rates set forth in other sections of this tariff.

1. Type and Description

a. Voiceband Special Access

(1) Voice Grade Secure Communications Type I

Approximate bandwidth of 10 to 50,000 Hz. Furnished for two-point secure communications on two-wire or four-wire metallic facilities between a point of presence and an end user premises. For conditioning provisions, refer to Tariff FCC No. 4.

(2) Voice Grade Secure Communications Type II

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communication between a point of presence and an end user's premises. For conditioning provisions, refer to Tariff FCC No. 4.

(3) Voice Grade Secure Communications Type III

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for two-point secure communication between a point of presence and an end user's premises. For conditioning provisions, refer to Tariff FCC No. 4.

(4) Voice Grade Secure Communications Type IV

Approximate bandwidth 10 to 50,000 Hz. Furnished on four-wire metallic facilities for duplex operations for two-point secure communications between two points of presence. For conditioning provisions, refer to Tariff FCC No. 4.

Continued

FACILITIES FOR INTRASTATE ACCESS

X. Special Federal Government FIA - Continued

H. 1. - Continued

b. Special Wideband Digital Special Access

Special Access arrangements for secured communications to accommodate the transmission of binary digital baseband signals in a random polar format.

(1) Wideband Secure Communications Type I

For transmission at the rate of 18,750 bits per second.

(2) Wideband Secure Communications Type II

For transmission at the rate of 50,000 bits per second.

(3) Wideband Secure Communications Type III

To accommodate the transmission of restored polar two-level facsimile signals with a minimum signal element width of 20 microseconds at a rate of 50,000 bits per second.

To accommodate the transmission of binary digital baseband signals in a random polar format at the rate of 50,000 bits per second.

2. Mileage Application

Mileage for rate application is the airline distance measured between the two related Special Access terminating points (i.e., point of presence and end user premises).

3. Rates and Charges

a. Voiceband Special Access

The provision of T-3 and G conditioned Special Access contemplates station and tandem switching operations using customer provided equipment, as well as Special Access. Separate Narrowband or dice Grade Special Access, where required by

Continued

FACILITIES FOR INTRASTATE ACCESS

X. Special Federal Government FIA - Continued

H. 3. a. - Continued

the customer provided equipment or switching operation, are furnished in accordance with the applicable sections of this tariff.

<u>Voiceband Secure Communications</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
Type I, each T-3 Conditioning	ICB rates and charges apply		
Additional Conditioning, per Special Access termination	ICB rates and charges apply		
Type II, each G-1 Conditioning	ICB rates and charges apply		
Type III, each G-2 Conditioning	ICB rates and charges apply		
Additional Conditioning, per Special Access termination	ICB rates and charges apply		
Type IV, each G-3 Conditioning	ICB rates and charges apply		
Additional Conditioning, per Special Access termination	ICB rates and charges apply		

Continued

FACILITIES FOR INTRASTATE ACCESS

X. Special Federal Government FIA - Continued

H. 3. - Continued

b. Special Wideband Digital Special Access

<u>Wideband Secure Communications</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
Type I, each	ICB rates and charges apply		
Type II, each	ICB rates and charges apply		
Type III, each	ICB rates and charges apply		

c. Move Charges

When Special Access service requiring T-3 conditioning, T-3 additional conditioning, or a Special Access requiring G conditioning is moved to a different premises or to a different building, the full nonrecurring charge applies; when moved to a new location on the same premises, a charge of one half the nonrecurring charge applies.

When any FIA for which a termination charge is specified is moved and is installed at a new location the customer may elect:

- (1) to pay the unexpired portion of the termination charge for the FIA, if any, with the application of a nonrecurring charge and the establishment of a new termination charge for such FIA at the new location; or
- (2) to continue the FIA subject to the unexpired portion of the termination charge, if any, and pay the estimated costs of moving such FIA, provided that the customer requests these charges be quoted prior to ordering the FIA move. Charges for moving such FIA will be based on estimated costs attributable to the move.

Continued

FACILITIES FOR INTRASTATE ACCESS

X. Special Federal Government FIA - Continued

H. 3. c. - Continued

Move charges include the estimated costs of removal, restoration of FIA necessitated by the move, transportation, storage, reinstallation, engineering, labor, supervision, materials, administration, taxes, and any other specific items of cost directly attributable to the move.

XI. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. Mileage Calculation Methodology - Continued

C. Point of Connection (POC) Information

<u>POC CLLI</u>	<u>POC VERT</u>	<u>HORIZ</u>	<u>LEC</u>	<u>LATA</u>
ARCDCA001	9186	7846	GTPB	730
BLFLCA001	9244	7853	GTPB	730
BLGRCA001	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

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. 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>
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
FWLRCAX001	8698	8208	CTPB	728
FWLRCAX002	8684	8224	GTPB	728

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. 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>
FWLRCAM003	8688	8204	CTPB	728
HGIDCAM001	9172	7693	GTPB	730
HGLDCAM002	9169	7700	GTPB	730
HNBHCAM001	9291	7810	GTPB	730
KNWDCAM001	8354	8763	GTPB	722
LAHBCAM001	9232	7819	GTPB	730
LAMRCAM001	9240	7832	GTPB	730
LGNGCAM001	9320	7763	GTPB	730
LNHCAP001	9248	7850	GTPB	730

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. 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>
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

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. 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

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. 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>
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

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. 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>
SNBRCAM003	9177	7718	CTPB	730
SNBRCAP001	9183	7704	GTPB	730
SNBRCAX001	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

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. 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>
SPLVCAM001	9181	7919	GTPB	730
SPLVCAM002	9182	7922	GTPB	730
STMRCAM001	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

Continued

FACILITIES FOR INTRASTATE ACCESS

XI. 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>
VNTRCAP001	9181	8046	GTPB	730
WIMGCAM001	9271	7866	GTPB	730

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK

A. General

This section contains the rules and regulations pertaining to the provision of Packet Switching Network Service, Frame Relay Service, Switched Ethernet Service and DS1 Cyber Service. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this tariff. (T)

B. Packet Switching Network Service¹

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. (T)

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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

B. Packet Switching Network Service¹ - Continued

2. Service Provisioning - Continued

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 connecting that location to the Utility's packet network will be subject to the meet point billing requirements. All usage recorded at the Utility's packet switch will be billed to the packet switching carrier by the Utility.

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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

B. Packet Switching Network Service¹ - Continued

3. Rate Regulations - Continued

(b) Rate Application - Continued

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
Presidents' Day
Memorial Day

Independence Day
Labor Day
Veteran's Day

Thanksgiving Day
Christmas Day

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

B. Packet Switching Network Service¹ - 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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

B. Packet Switching Network Service¹ - 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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

B. Packet Switching Network Service¹ - 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>	<u>\$.01</u>	\$.01	

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

B. Packet Switching Network Service¹ - Continued

5. Rates and Charges - Continued

(b) Usage Rates - Continued

	<u>Per Minute or Portion Thereof</u>
(3) <u>High Volume Plan</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) Supplemental Features

	<u>Rate</u>
Fast Select, Per Virtual Connection	\$.001
Priority, Per Kilosegment	.35

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹

1. General

Frontier Communications of the Southwest Inc. 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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

2. Service Description - Continued

Clear Channel Capability will be provided upon request and where deemed applicable by the Utility. Special construction charges may apply and applicable Clear Channel rates apply.

Optional Payment Plan (OPP) arrangements are available as set forth under XII.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.

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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

3. Service Provisioning - Continued

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.

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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

3. Service Provisioning - Continued

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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - 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.

¹ Effective May 31, 2022, Frontier will no longer support Moves, Adds or Changes nor new installations for Frame Relay Services. Upon service term expiration, these services will transition to a Month-to-Month service arrangement.

(C)
(C)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

5. Obligations of the Customer - Continued

- 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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

b. Rate Elements - Continued

(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.

(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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

b. Rate Elements - Continued

(2) Frame Relay Port Only or Private NNI Port Only - Continued

(b) Port Only

The Port Only provides for a user to carrier connection (i.e., Frontier Communications of the Southwest Inc. 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.

(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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

b. Rate Elements - Continued

(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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

b. Rate Elements - Continued

(6) Frame Relay Multicasting - Continued

The Frame Relay Multicasting Service is only available over a User-to-Network Interface. The Frame Relay Multicasting Service will be provisioned where available.

(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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

b. Rate Elements - Continued

(8) Fault Resilient Service - Continued

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.

(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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

c. Rate Application - Continued

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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - 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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

d. Optional Payment Plan (OPP) - Continued

(1) General - Continued

- (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.
- (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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

d. Optional Payment Plan (OPP) - Continued

(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.

(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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

d. Optional Payment Plan (OPP) - Continued

(3) Renewal Options - Continued

- (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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

d. Optional Payment Plan (OPP) - Continued

(5) Upgrade to Higher Speed Service - Continued

- 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.
- 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.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

6. Rate Regulations - Continued

d. Optional Payment Plan (OPP) - Continued

(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 in service 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 in service 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 in service quantity.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - 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. T-1 for qualifications and discounts for Schools, Libraries, Health Care Providers, and Community Based Organizations.

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

7. Rate and Charges

<u>a. Frame Relay UNI Port and Access Line, each</u> ²	<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

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

² Includes (1) PVC. (C)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service ¹ - Continued

7. Rate and Charges - Continued

b. <u>Frame Relay with Port Only, each</u> ²	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
<u>56Kbps (DDS)</u> ³		
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> ³		
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> ³		
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> ³		
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

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

² Includes (1) PVC. (C)

³ Refer to Section III for the appropriate Special Access Line rate.

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

7. Rate and Charges - Continued

b. <u>Frame Relay with Port Only, each</u> ² - Continued	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
<u>1.544 Mbps (DS1)</u> ³		
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> ³		
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

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

² Includes (1) PVC. (C)

³ 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

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service ¹ - Continued

7. Rate and Charges - Continued

<u>c. Frame Relay Private NNI Port Only, Each</u> ²	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
<u>56Kbps (DDS)</u> ³		
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> ³		
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> ³		
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> ³		
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

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

² Includes (1) PVC. (C)

³ Refer to Section III for the appropriate Special Access Line rate.

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - Continued

7. Rate and Charges - Continued

c. <u>Frame Relay Private NNI Port Only, each</u> ² - Continued	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
<u>1.544 Mbps (DS1)</u> ³		
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
<u>45 Mbps (DS3)</u> ³		
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

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

² Includes (1) PVC. (C)

³ 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

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - 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

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - 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

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - 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

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - 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

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - 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

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORKS – Continued

C. Frame Relay Service¹ - 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

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

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

D. Switched Ethernet Service ¹ (T)

1. General

a. Service Description

This section contains the rules and regulations pertaining to the provision of Switched Ethernet Service. (T)
The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this tariff. (T)

Switched Ethernet Service is a high speed data service that offers broadband switching throughout the Utility's serving area. Switched Ethernet Service can be provided with either a lineside or trunkside interface. (T)
(T)

Switched Ethernet Service is available as follows: (T)

<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 Switched Ethernet Service port via DS1 or DS3 Special Access Lines. The DS1 or DS3 Special Access Line must be ordered in addition to Switched Ethernet Service. (T)
(T)
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 Switched Ethernet Service address is (T)
assigned to each DS1 or DS3 service accessing the Switched Ethernet Service network. A maximum of (T)
sixteen addresses can be assigned to each DS1 or DS3.

(T)

¹ Switched Ethernet Service is withdrawn as of November 16, 2005.

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

D. Switched Ethernet Service ¹ - Continued (T)

1. General - Continued

a. Service Description - Continued

The Switched Ethernet 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 Switched Ethernet Service network. (T)

b. Discounts for Qualifying Entities

See Schedule Cal. P.U.C. No. T-1 for qualifications and discounts for Schools, Libraries, Health Care Providers, and Community Based Organizations.

2. Rate Regulations

a. Minimum Period

The minimum service period is one month.

b. Rate Application

Switched Ethernet Service can be provided with either a lineside or trunkside interface. (T)

(1) Lineside Interface

The Lineside Interface (LI) port is used to connect the customer to the Switched Ethernet Service network. A DS1 or DS3 Special Access Line is used to connect from the customer premises to the Switched Ethernet Service LI port. The Switched Ethernet Service 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. (T)

¹ Switched Ethernet Service is withdrawn as of November 16, 2005. (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

D. Switched Ethernet Service ¹ - Continued

(T)

2. Rate Regulations - Continued

(1) Lineside Interface - Continued

(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 Switched Ethernet Service TI port. No Switched Ethernet Service optional features are available with the Switched Ethernet Service TI.

(T)

(T)

¹ Switched Ethernet Service is withdrawn as of November 16, 2005.

(T)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

D. Switched Ethernet Service ¹ - Continued

(T)

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

¹ Switched Ethernet Service is withdrawn as of November 16, 2005.

(T)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

D. Switched Ethernet Service ¹ - Continued

(T)

3. Rates and Charges - Continued

	<u>Nonrecurring Charges</u>	<u>Monthly Rate</u>	<u>Rate Ceiling</u>
(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

¹ Switched Ethernet Service is withdrawn as of November 16, 2005.

(T)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

E. DS1 Cyber

1. Service Description

DS1 Cyber is a unique DS1 service designed specifically for Internet Service Providers (ISPs). This service packages 24 two-way trunks into a single "trunk-side" DS1 digital local service. Multiple DS1 Cyber's may be provided in a DS1 Cyber Arrangement to provide the ISP with as many trunks as desired, in increments of 24.

DS1 Cyber Service provides network dial tone service between a customer's premises and the local serving office on a channelized basis (DS0) over a single high-capacity (DS1) digital facility that terminates on the trunk side of the switch in the local serving office. DS1 Cyber is available for data dialed access use.

DS1 Cyber provides a trunkside DS1 connection with 24 channels. DS1 Cyber does not provide the function of analog to digital (or vice versa) conversions and no service types can be specified on the DS1.

DS1 Cyber is provided in capacity increments of 24 digital channels within a single DS1 (1.544 Mbps) signal.

DS1 Cyber is comprised of a DS1 Cyber Capacity component:

- a. The DS1 Cyber Capacity will be at the rates and charges as set forth in this tariff.
- b. DS1 Cyber customers will have to select capacity in increments of 24 digital channels.

2. Service Provisioning

Foreign Exchange Service for DS1 Cyber is available on an Individual Case Basis (ICB).

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

E. DS1 Cyber - Continued

2. Service Provisioning - Continued

DS1 Cyber differs in provisioning method and numbering format from end-to-end services. These services will be available from the Utility on a link (partial channel) basis rather than as an end-to-end service. This architecture is intended to promote more efficient connectivity of analog and digital networks.

The time required to provision service is known as the service date interval. The service date interval for DS1 Cyber and related network services connected to DS1 Cyber will differ from the normal guidelines applicable to end-to-end services.

DS1 Cyber will be available on a digital basis at the network interface on a customer's premises. Both the Utility and the customer have joint responsibilities to ensure the proper transmission of the provided services. Normal analog channel network interface specifications will be superseded by the electrical specifications on the 1.544 Mbps (DS1) channel which is actually terminated. Each digital channel provided will have an identity only as a "time slot" within a DS1 Channel. Compatible digital to analog conversion equipment must be provided by the customer to derive the desired analog services. Any Channel Service Units (CSUs) necessary for digital services are the responsibility of the customer.

3. Regulations

DS1 Cyber is furnished subject to the availability of facilities from digital central office equipment located in a central office building owned or leased by the Utility. Clear Channel Capability (B8ZS) will be provided where available.

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

E. DS1 Cyber - Continued

3. Regulations - Continued

DS1 Cyber is available within an exchange where appropriate digital facilities are available as determined by the Utility. Service inquiries will be necessary to determine availability. Special Construction Charges as specified in Section IX of this tariff may be applicable.

All DS1 Cyber must be channelized in a single equipment location on a customer's premises. DS1 Cyber cannot be split between premises, or multiple locations within a premise. Standard network interfaces, without Integrated Services Digital Network (ISDN) signaling and without any line type features, will be provided by the Utility for analog and digital services consistent with existing practices.

The technical specifications and standard network interface for DS1 and associated channelized services are stated in Section 7000 of the Technical Interface Reference Manual.

4. Application of Rates

- a. The DS1 Cyber Capacity rate is applicable to each DS1 Cyber arrangement.
- b. The DS1 Cyber Capacity element provides for the network facility to the customer premises and the central office channelization.
- c. DS1 Cyber Service is available on a Month-to-Month Option, a 1, 2 or 3 Year Term Commitment Plan, or a 1, 2 or 3 Year Term and Volume Plan. Changes between service periods (i.e., Month-to-Month Option, Term Commitment Plan, or Term and Volume Plan) will incur a Subsequent Order charge as specified in Schedule Cal. P.U.C. No. A-41.

Term Commitment Plan

Customers on a Term Commitment Plan may convert to a Term and Volume Plan without incurring termination liability charges, provided the customer has less than 12 months remaining on the existing Term Commitment Plan, and the length of the new Term and Volume Plan is equal to or greater than the existing Term Commitment Plan.

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

E. DS1 Cyber - Continued

4. Application of Rates - Continued

Term and Volume Plan

- (1) Customers may increase or decrease the number of DS1s during the term commitment period without initiating a new term commitment and without incurring termination liability charges, provided customer subscription does not fall below the minimum threshold of six (6) DS1s. If the increase or decrease in DS1s causes customer subscription to fall within a different threshold level, all remaining DS1s will be billed at the applicable level of discount for the remainder of the term commitment period.
 - (2) Customers who change from a Term and Volume Plan to a Term Commitment Plan or a Month-to-Month Option will incur termination liability charges.
- d. Unless specified herein, rules and regulations contained elsewhere in the Utility's tariffs are also applicable to DS1 Cyber Service.
 - e. DS1 Cyber Credit

For each increment of 24 channels, a credit equal to 100% of the applicable interstate Subscriber Line Charge will be applied to 22 of the 24 channels.

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCED COMMUNICATIONS NETWORK - Continued

E. DS1 Cyber - Continued

5. Rates and Charges

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>		
DS1 Cyber Capacity, each arrangement ¹	\$ 500.00			
Month-to-Month Option ²			\$ 750.00	
Term Commitment Plan ^{2, 3}				
1 Year Term			725.00	
2 Year Term			675.00	
3 Year Term			600.00	
Term and Volume Plan ^{2, 3}				
<u>Threshold Levels</u>		<u>1 Year</u>	<u>Monthly Rate</u>	
			<u>2 Year</u>	<u>3 Year</u>
6 - 10 DS1s		\$ 675.00	\$ 625.00	\$ 550.00
11 - 20 DS1s		600.00	550.00	450.00
21 + DS1s		500.00	450.00	375.00

¹ For each increment of 24 channels, a credit equal to 100% of the applicable interstate Subscriber Line Charge will be applied to 22 of the 24 channels.

² Nonrecurring charge applies per arrangement.

³ See Frontier Communications of the Southwest Inc. Product Guide, Section 2.15, for termination liability rules.

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹

(C)

1. Definitions

Domain - Closed User Groups, also known as Virtual LANs (VLANs), which are used to provide traffic separation, privacy and security between customers on the shared switch and backbone. Users in a group can only access their own data.

Megabit Per Second (Mbps.) - The speed where data is being transferred in the network, where one Megabit Per Second equals to the transfer rate of 1 million bits of data in 1 second.

Nanometers (nm) - Wavelength frequency equivalent to 1 billionth of a meter.

2. Service Description

Transparent LAN Service (TLS) is a high speed data service which uses a shared fiber network to allow for the interconnection of Local Area Networks (LANs) across selected metropolitan areas in the same Local Access Transport Area (LATA). TLS delivers high speed data service to the interface at speeds of 10 Mbps, 100 Mbps, and 1000 Mbps from the customer's LANs to the shared network.

TLS creates a network with the ability to function as a shared public network. TLS protects data privacy by using specialized screening software that permits subscribers to access only their data.

TLS is available as two service types: Ethernet Multipoint Service (EMS) or Ethernet Relay Service (ERS). The customer must select either EMS or ERS as the service type for each domain:

Ethernet Multipoint Service (EMS) is a connection-less Ethernet TLS service that allows connectivity among multiple customer designated locations within a LATA.

With the EMS service type, Ethernet TLS protects data privacy by using closed user groups (CUGs), also known as virtual LANs. CUGs or virtual LANs are used to provide traffic separation, privacy and security between customers on the shared switch and backbone. An EMS domain is comprised of any number of access lines designated by the customer to be included in a closed user group (CUG) or virtual LAN. EMS provides multipoint-to-multipoint connectivity among all of the customer's access lines within a given domain. TLS may be used to access shared networks. In such cases, subscribers in a CUG can only access their own data.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued

(C)

2. Service Description - Continued

Ethernet Relay Service (ERS) is a connection-oriented Ethernet TLS service that allows for point-to-point connectivity between customer designated locations within a LATA.

With the ERS service type, each Ethernet Virtual Circuit (EVC) establishes a virtual LAN or CUG. An ERS domain is comprised of any number of virtual LANs designated by the customer to be included in the ERS domain. ERS provides point-to-point connectivity between pairs of customer's access lines, Internet virtual circuits, and shared network services within a given domain.

A customer may have more than one domain within a LATA, but connections between domains are not permitted. TLS may be used to access shared networks. In such cases, subscribers in a CUG can only access their own data.

Four EVC service classes are available for use with the ERS service type:

ERS Standard (ERS-Std) and ERS Basic (ERS-B) are designed for customer applications that do not require a Committed Information Rate (CIR) or low delay, where CIR = 0 and Excess Information Rate (EIR) = # of Mbps of the selected ERS-Std/ERS-B EVC service class.

ERS-Priority Data (ERS-PD) is designed for customer applications which do not require low delay, but require a CIR, where CIR = # of Mbps of the selected ERS-PD EVC service class and EIR = # of Mbps of the selected ERS-PD EVC service class.

ERS Real Time (ERS-RT) is designed for customer applications which require a CIR and low delay for some portion of their traffic, where CIR = # of Mbps of the selected ERS-RT EVC service class and EIR = 0.

An ERS EVC can include up to three service classes (ERS-B, ERS-PD and ERS-RT) as described above within each EVC. The customer will be required to identify the B, PD and RT Class of Service Ethernet frames by one of the following choices, as appropriate:

setting the VLAN Class of Service (CoS) ID (for 802.1q tagged Ethernet Frames); or
setting the DiffServ Code Point (DSCP) (for tagged or untagged Ethernet frames); or
setting the VLAN ID (for tagged or untagged Ethernet frames).

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹- Continued (C)

3. Conditions

- (1) A TLS network will be limited to central offices in a specific geographic location. Customers gain access to the shared TLS network via a switch, node or other Utility equipment delivering service through a shared fiber path or network infra-structure and deployed in the customer's serving central office (TLS equipped central office) or deployed in leased space near the customer's location. At subscription, the customer has an option of selecting access lines at speeds of 10 Mbps, 100 Mbps, or 1000 Mbps.
- (2) TLS is available to customers whose serving central office is a TLS equipped central office and is located within the maximum allowable range of the serving central office. The maximum allowable range is determined by the dB loss rate where the actual distance between the TLS equipped serving wire center and the customer's location will vary based on the specifics of the facility used in each serving arrangement.
- (3) If the customer's serving central office is not a TLS equipped central office, the customer may obtain service by paying the Interoffice Mileage charge in addition to TLS access charges. The dB loss cannot exceed the maximum allowable range, as specified in F.3.(2) above.
- (4) Provision of Service

TLS service consists of the following components:

- Network Interface Device (NID) at the customer's premises to terminate the fiber pair, or other optical transport.
- Optical transport from the customer's premises to the serving central office.
- Network management including fault monitoring and diagnostics, performance and network configuration applications and manual monitoring when necessary.
- User Network Interface (UNI) Port With Access Line Connection.
- Ethernet Virtual Circuit (EVC), where applicable
- Interoffice mileage, where applicable.
- Optional Features
 - Customer Service Management (CSM)

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹- Continued (C)

3. Conditions - Continued

(5) Availability of Service

TLS will be provided seven days a week, 24 hours a day, from central offices equipped to provide this service.

ERS Service, including Premier Access Lines and ERS-Std, ERS-B, ERS-PD, and ERS-RT EVCs, as defined in F.2, will only be available from Central Offices equipped to support ERS service.

(6) Connections

The network interface device (NID) is the LAN interface on the TLS equipment at the customer's premises. The customer is responsible for any inside wire required to connect the LAN to the TLS equipment.

The customer is also responsible for the installation, operation and maintenance of any customer-provided equipment.

The Utility has the service responsibility up to and including the network interface device (NID).

(7) Limitations

The customer's location must be within the maximum allowable range of the TLS equipped central office, as defined in 3.(2) preceding.

(8) Maintenance Window

To meet the customers' requirements, occasional network upgrades must be performed. These network upgrades are needed to provide improved performance and new features. Generally these upgrades will be performed between the hours of 11:00 PM and 6:00 AM. When network upgrades are planned, Frontier Communications of the Southwest Inc. will attempt to provide customers reasonable and timely notification in order to minimize any impact on the customers' service.

(9) Technical Specifications

The technical specifications for TLS are delineated in IEEE802.3-2000.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹- Continued (C)

3. Conditions - Continued

(10) Transmission Mode

The transmission mode supported is dependent on the access rate, also known as the interface. The supported transmission mode for 10 Mbps access, 100 Mbps access and 1000 Mbps access is full duplex.

(11) TLS is available where facilities and conditions permit. In the event facilities are not available, special construction charges as specified in Section IX, Special Construction, may apply.

4. Application of Rates and Charges

(1) The following rate elements are applicable to TLS:

- UNI Port with Access Line Connection
- Ethernet Virtual Circuit (EVC)
- Interoffice Mileage
- Domain/LAN Extension Equipment Changes
- Optional Features
 - Customer Service Management (CSM)

(a) UNI Port with Access Line Connection

(i) Standard Access Line (available for EMS or ERS Service Type)

A monthly rate applies on a per line basis based on the speed of the access connection (i.e., 10 Mbps, 100 Mbps, or 1000 Mbps). The Standard Access Line is offered as a Month-to-Month Option, or as a 3- or 5- Year Term Commitment Plan. A nonrecurring charge will apply for the installation of the Standard Access Line when a customer subscribes to the Month-to-Month Option.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS)¹ - Continued

(C)

4. Application of Rates and Charges - Continued

(1) The following rate elements are applicable to TLS: - Continued

(a) UNI Port with Access Line Connection - Continued

(ii) Protected Access Line (available for EMS Service Type only)

Protected Access Lines are provisioned as a survivable service with an alternate fiber pair between the central office and the customer premises. Protected Access Line allows the Utility, in most situations, to detect and recover a failure and move the customer's data to an alternate fiber pair in approximately one second in most instances. Both fiber pairs must be served by the same central office and must have the same access speed. The second fiber pair will be routed over a diverse fiber path when possible.

A monthly rate applies on a per line basis, based on the speed of the access connection (i.e., 100 Mbps, 1000 Mbps). The Protected Access Line is offered as a Month-to-Month Option, or as a 3- or 5- Year Term Commitment Plan. A nonrecurring charge will apply to the installation of a Protected Access Line provided on a Month-to-Month basis.

(iii) Premier Access Line (available for ERS Service Type only)

A monthly rate applies on a per -line basis, based on the speed of the access line (i.e., 100 Mbps, 1000 Mbps). A Premier Access Line must be purchased in conjunction with some combination of ERS-B, ERS-PD, and/or ERS-RT EVC service classes, which are described in F.2. preceding. The Premier Access Line is offered on a month-to-month basis or as a 3- or 5- Year Term Commitment Plan. A nonrecurring charge applies to the installation of the Premier Access Line provided on a month-to-month basis. A customer cannot mix Premier Access Lines with any other access line type.

The percentage of each Premier Access Line UNIs allowed for EVC bandwidth is limited, where connections must comply with each of the following threshold requirements:

ERS-B less than or = to 500% of UNI speed
ERS-PD less than or = to 100% of UNI speed
ERS-RT less than or = to 50% of UNI speed
ERS-PD + ERS-RT less than or = to 100% of UNI speed
ERS-B + ERS-PD + ERS-RT less than or = to 600% of UNI speed

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued (C)

4. Application of Rates and Charges - Continued

(1) The following rate elements are applicable to TLS: - Continued

(a) UNI Port with Access Line Connection - Continued

(iv) EMS Real Time (EMS-RT) Access Line (available for EMS Service Type only)

A monthly rate applies on a per-line basis, based on the speed of the access connection (i.e., 100 Mbps, 1000 Mbps). This enhanced service class configures a fixed portion of the UNI for Real Time Traffic, where each 100 Mbps UNI has CIR = 2 Mbps with EIR = 0, or each 1000 Mbps UNI has CIR = 10 Mbps with EIR = 0. The remainder of the UNI can be used for CIR = 0 and EIR = 0 traffic. The EMS-RT Access Line is offered on a month-to-month basis or as a 3- or 5- Year Term Commitment Plan. A nonrecurring charge applies to the installation of the EMS-RT provided on a month-to-month basis. A customer cannot mix an EMS-RT Access Line with the ERS Service type, but may mix EMS-RT Access Line with EMS Access Lines.

(b) Ethernet Virtual Circuit (EVC)

For customers who order the ERS Service Type with a Standard Access Line, a monthly rate will apply on a per EVC bandwidth basis. ERS-Std is the only EVC class available with the ERS Standard Access Line. The EVC bandwidth must be equal to the bandwidth of the lowest speed of the end points it is connecting. ERS-Std EVCs are purchased on a month-to-month basis. A non-recurring setup charge will apply per ERS-Std EVC.

For customers who order the Premier Access Line, a monthly rate will apply on a service class and EVC bandwidth basis. Premier Access Line customers have the choice of combining ERS-B, ERS -PD, and/or ERS-RT bandwidth on an EVC. A non-recurring setup charge will apply per ERS EVC. EVCs are purchased on a month-to-month basis. A customer may have more than one service class on the EVC, but will only pay one EVC non-recurring setup charge.

The number of EVCs permitted on each Standard Access Line and/or Premier Access Line are limited as follows:

10 Mbps less than or = to 2 EVCs
100 Mbps less than or = to 10 EVCs
1000 Mbps less than or = to 75 EVCs

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued (C)

4. Application of Rates and Charges - Continued

(1) The following rate elements are applicable to TLS: - Continued

(b) Ethernet Virtual Circuit (EVC) - Continued

ERS EVC bandwidth is limited to a maximum Mbps per Service Class per EVC, and must comply with each of the following maximum limits:

<u>EVC Service Class</u>	<u>100 Mbps UNI Max/EVC</u>	<u>1000 Mbps UNI Max/EVC</u>
ERS-B	100 Mbps	1000 Mbps
ERS-PD	50 Mbps	500 Mbps
ERS-RT	50 Mbps	100 Mbps

(h) Interoffice Mileage

The Interoffice Mileage charge is based on the Per Mile charge multiplied by the distance between the customer's serving central office and the nearest TLS equipped central office (a central office equipped with a switch, node, or other Utility equipment capable of delivering service, via a shared fiber path or network infra-structure). This interoffice distance is measured in airline miles, based upon latitude and longitude of each central office. The mileage measurement is calculated as specified by NECA Tariff FCC No. 4. The mileage rate applies on a per mile basis. This charge applies in addition to the applicable rates and charges for all UNI Port with Access Line connections.

(i) Domain/LAN Extension Equipment Changes

Customer requests for changes in EMS Domains and replacement of LAN extension equipment will be charged a nonrecurring charge per location per change.

(j) Optional Features

(k) Customer Service Management (CSM)

Customer Service Management (CSM) is an optional feature that provides customers with web-based reports. These reports give customers the ability to extract read-only network traffic information regarding their networks, thereby allowing customers to monitor and manage their network performance. CSM reports are provided per customer Domain/VLAN.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS)¹ - Continued (C)

4. Application of Rates and Charges - Continued

(1) The following rate elements are applicable to TLS: - Continued

(e) Optional Features - Continued

(i) Customer Service Management (CSM) - Continued

The Utility reserves the right to temporarily interrupt CSM for maintenance, software upgrades, and in emergency situations.

A monthly rate and a nonrecurring charge apply for each CSM arrangement. The customer will be charged on a per Domain/VLAN basis. The nonrecurring charge applies to the initial installation in addition to all other applicable service charges.

(2) Minimum Period

The minimum subscription period for TLS under the Month-to-Month Option is nine months. For example, if the customer discontinues the service in the seventh month, the customer will be billed the full monthly rate for the remaining two months.

(3) Term Commitment Plans

The Standard Access Line, Protected Access Line, Premier Access Line and/or EMS Real Time Access Line are offered under a 3 or 5 Year Term Commitment Plan.

(4) Moves and Changes

When the customer requests a move or relocation of the Standard Access Line, Protected Access Line, Premier Access Line or EMS Real Time Access Line to a different address and/or different building, the move or relocation will be treated as a termination of the existing service and the establishment of a new service with the application of all installation charges.

When the customer requests an upgrade in service speed, or change in service type, at an existing address, the upgrade in service speed/change in service type will be treated as a termination of the existing service and the establishment of a new service with the application of all charges.

(5) Termination Liability

In the event TLS is terminated by the customer prior to completion of the initial term commitment period, termination liability charges, as set forth in Frontier Communications of the Southwest Inc. Product Guide, Section 2.15, will apply.

A change in TLS service type will be considered a change to another service for purposes of determining Termination Liability charges.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)
Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued (C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs)

Service Level Agreements (SLAs) provide TLS customers with Service Response Credits (SRCs) applied to their Frontier Communications of the Southwest Inc. bill if the Utility fails to meet certain operational and network thresholds. SLAs are available at no additional charge or fee to the customer.

A customer is eligible for the SLA SRC given the customer adheres to the conditions stated within this section. The SLA specifies performance criteria against which actual performance for TLS will be compared on a monthly basis.

The TLS SLA includes the following measurements:

- Operational SLAs
- Mean Time to Repair (MTTR)
- Network Availability
- Network Performance SLAs
- Ethernet Virtual Circuit (EVC) Class of Service (CoS) Performance
- Data Delivery Ratio (DDR)
- Round Trip Delay (RTD)
- Jitter

The SLA SRC will apply to the following TLS elements:

- UNI Port with Access Line Connection
- Ethernet Virtual Circuit (EVC) Bandwidth

To receive SRCs on eligible rate elements, the customer must have the eligible rate elements listed in the initial subscription based on the established customer of record, or have ordered the eligible rate elements subsequent to the initial subscription. The Utility reserves the right to change, alter or discontinue the optional SRC plan at its discretion.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS)¹ - Continued (C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs) – Continued

All service performance and provisioning measurements are conducted using the Utility monitoring systems and procedures. The Utility may change these systems and procedures at its sole discretion. In performing measurements of overall Mean Time To Repair (MTTR) and Network Availability, the Utility shall include data measured throughout the territories covered by this tariff.

To receive credit, the Utility must receive from the customer a written request for credit within thirty (30) calendar days of the end of the monitoring period that the SRC is referencing. The customer's request for credit must be submitted to the appropriate Utility entity (office or interface) in a manner prescribed by Utility. The request must include a list of all impacted circuit/connection identification numbers and the type of SRC requested for each circuit/connection. The SRC monitoring period is based on a calendar month.

a. Operational Service Level Agreements (SLAs)

(1) Mean Time to Repair (MTTR)

MTTR is the average mean time for the Utility to repair customer reported interruptions for service that is within the Utility's network. A TLS service is interrupted when it becomes unusable to the customer because of a failure of a facility component within the Utility's network that is used to furnish service under this tariff.

MTTR Measurement

Under the MTTR SLA, the Utility will measure the average Time to Repair (TTR) for customer-reported interruptions in the services with respect to TLS Access Lines. To be measured under this SLA, the customer must report any interruption to a Utility-designated entity for the opening of a trouble ticket. The TTR is measured from the date and time a trouble ticket is opened by the Utility and the date and time when such ticket is closed by the Utility. In measuring the TTR, any stop clock time or adjusted duration time associated with the trouble shall be subtracted from such measurement.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued (C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs) – Continued

a. Operational Service Level Agreements (SLAs)

(2) Mean Time to Repair (MTTR)

MTTR Measurement – Continued

For purposes of this measurement, stop clock time refers to

- (e) periods when the customer testing is occurring;
- (f) periods when the Utility is awaiting the customer's authorization to commence work on a TLS Access Line;
- (g) periods when the Utility is denied access to the customer's premises or facilities as necessary to diagnose, repair or test;
- (h) periods following a repair of a TLS Access line when the ticket is held open by the customer to ensure the trouble is resolved; and,
- (i) any time period during which any of the listed occurrences existed, as set forth in d. SLA Exclusions following.

The SLA shall not apply to cases of trouble where no trouble was found or repeated cases of trouble for the same interruption. The MTTR SLA shall be measured on a calendar month basis and shall be calculated by adding the TTR for all interruptions and dividing that sum by the total number of trouble tickets opened for interruptions for the customer during that month.

MTTR SRCs

If the MTTR is greater than four (4) hours over the calendar month, then 50% of the one month TLS Access Line monthly charge shall be given as a MTTR SRC for those Access Lines which have been out of service for longer than four (4) hours and have been reported by the customer via a trouble ticket to the Utility. The MTTR SRC credit excludes and is not applicable to scheduled maintenance, scheduled downtimes or delays resulting from an event of force majeure.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued (C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs) - Continued

a. Operational Service Level Agreements (SLAs) - Continued

(2) Network Availability

Network Availability refers to the percentage of time during a calendar month that the TLS is available for use by the customer.

Network Availability Measurement

The Utility threshold for Network Availability is 99.90%. Network Availability is calculated on a per TLS Port Connection basis as follows:

$$\frac{((24 \times \text{Number of Days in Month} \times \text{Number of TLS Port Connections}) - (\text{Number of Hours Out of Service during Month}))}{(24 \times \text{Number of Days in Month} \times \text{Number of TLS Port Connections})}$$

The Utility will not round up the calculation to reach the 99.90% threshold. This SLA is only available for outages reported by the customer via a trouble ticket to the Utility.

Network Availability SRCs

If the overall Network Availability measurement is less than the threshold of 99.90% for a calendar month, the Utility will provide a credit equal to ten percent (10%) of the associated monthly charge for any individual TLS port connection that did not meet such threshold during such calendar month.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹- Continued (C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs) – Continued

b. Network Performance SLA

Network Performance SLA applies to all customers subscribing to an EVC Class of Service (CoS) within a local network consisting of the following types:

- Real Time EVC bandwidth CoS, and
- Priority Data EVC bandwidth CoS.

The performance SLA is hierarchical in nature and statistically-based. Conformance is determined on a Met or Missed basis, first on a per-hour basis and then on a per-month conformance basis.

Per-Hour Conformance - For each hour in the month, a determination is made as to whether the performance objectives are 'Met' for the CoS attributes related to the CoS instance on a given EVC. For a given Hour (e.g., H1), the overall performance objective is 'Met' if the performance objectives for each of the Data Delivery Ratio (DDR), Round Trip Delay (RTD), and Jitter, attributes are 'Met'. If any of the attribute objectives are 'Missed', then the overall performance objective for Hour (H1) is determined to be 'Missed'.

Per-Month Conformance - For the month, a determination is made as to the percentage of hours that the overall performance objective is 'Met'. So, for a given Month (e.g., M1), the monthly performance guarantee is 'Met' if the % of hours 'Met' for the month meet or exceed the monthly objective.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued (C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs) - Continued

b. Network Performance SLA - Continued

EVC Class of Service Network Performance SLA shall be based on the following Ethernet frame traffic criteria:

(1) Data Delivery Ratio (DDR)

DDR is defined as the ratio of service frames successfully received from the network relative to the number of service frames offered to the network. The DDR definition is restricted to service frames that are compliant to the subscribed Committed Information Rate (CIR) profile. Interruptions caused by MTTR activity shall be excluded from the measurement of DDR.

Real Time EVC Bandwidth - Data Delivery Ratio

The Utility threshold for Data Delivery Ratio is 99.5% in a calendar month.

Real Time EVC Bandwidth - Data Delivery SRCs

If the overall Data Delivery measurement does not meet the per month conformance, the Utility shall provide an SRC equal to ten percent (10%) of the monthly charge for any individual EVC that did not meet such threshold during such calendar month.

Priority Data EVC Bandwidth - Data Delivery Ratio

The Utility threshold for Data Delivery Ratio is 99% in a calendar month.

Priority Data EVC Bandwidth - Data Delivery SRCs

If the overall Data Delivery measurement does not meet the per month conformance, the Utility shall provide an SRC equal to ten percent (10%) of the monthly charge for any individual EVC that did not meet such threshold during such calendar month.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013. (N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued (C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs) – Continued

b. Network Performance SLA - Continued

(2) Round Trip Delay (RTD)

RTD is defined as the time (in milliseconds) it takes for a service frame to be sent from one UNI to another UNI and back again (includes link insertion delays, propagation delays and queuing delays in the network). The RTD calculation includes only the time the packet is in the network, i.e., the processing time spent in devices attached to the UNI are factored out of the definition. The RTD definition is restricted to service frames that are compliant to the subscribed CIR profile.

Real Time EVC Bandwidth - Delay Measurement

The Utility threshold for Delay is 20 milliseconds.

Real Time EVC Bandwidth - Delay SRCs

If the overall delay measurement does not meet the per month conformance, the Utility shall provide an SRC equal to ten percent (10%) of the monthly charge for any individual EVC that did not meet such threshold during such calendar month.

Priority Data EVC Bandwidth - Delay Measurement

The Utility threshold for Delay is 50 milliseconds.

Priority Data EVC Bandwidth - Delay SRCs

If the overall delay measurement does not meet the per month conformance, the Utility shall provide an SRC equal to ten percent (10%) of the monthly charge for any individual EVC that did not meet such threshold during such calendar month.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued (C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs) – Continued

b. Network Performance SLA - Continued

(3) Jitter

Jitter is defined as the variance in frame delay (in milliseconds) between two service frames as measured at the ingress and egress UNIs. The jitter definition is restricted to service frames that are compliant to the subscribed CIR profile.

Real Time EVC Bandwidth - Jitter Measurement

The Utility threshold for Delay is 5 milliseconds.

Real Time EVC Bandwidth - Jitter SRC

If the overall jitter measurement does not meet the per month conformance, the Utility shall provide an SRC equal to ten percent (10%) of the monthly charge for any individual EVC that did not meet such threshold during such calendar month.

c. Validation for Operational and Network Performance SLAs

(1) Customer Validation

Operational SLAs:

The customer must submit in writing a list of all rate elements, impacted circuit/connection identification numbers and the type of SRC requested for each circuit/connection. The written request for credit must be submitted to the appropriate Utility entity in the manner prescribed by the Utility.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued

(C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs) – Continued

c. Validation for Operational and Network Performance SLAs - Continued

(1) Customer Validation (Cont'd)

Network Performance SLAs:

The customer must request SRCs for Network Performance SLAs and may submit in support of such request its own measurements made by industry-standard network performance measuring equipment. Such equipment shall be subject to prior approval by the Utility and be capable of the following:

For the DDR SLA, the equipment must be capable of determining the number of actual packets sent and successfully received between two (2) customer locations.

For the RTD SLA, the equipment must be capable of measuring the transmission of a series of 128-byte time-stamped packets to a measurement system from one customer location to another customer location. The measurement systems must be time-synchronized by using a network based timing source that uses Greenwich Mean Time (GMT).

For the Jitter SLA, the equipment must be capable of measuring the transmission of a series of at least fifty (50), 128-byte time stamped packets at a fixed interval between each packet from one customer location to a measurement system at another customer location. The measurement systems must be time-synchronized by using a network based timing source that uses Greenwich Mean Time (GMT).

All equipment must be capable of measuring from edge to edge (Customer Premises Equipment (CPE) to CPE) and to make the measurement every five (5) minutes per hour for four (4) hours total per day, for a total of two-hundred and forty (240) measures per day. In order to be considered, such measurements must include at least seven consecutive days' worth of measurements for four (4) hours per day.

(2) Utility Validation

The Utility will research and validate the customer-submitted SRC in accordance with its own procedures and systems. The Utility may, at its discretion, use either the customer-provided data or its own measurement data (or above mentioned formulas) to evaluate and assess whether SRCs are warranted.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued

(C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs) – Continued

d. SLA Exclusions

SLAs do not apply to the extent that any of the following reasons prevented the Utility from meeting such SLAs:

- (1) The acts of the customer or other party authorized by the customer to use the TLS circuit/connection, including but not limited to customer's negligence, customer's refusal to grant the Utility reasonable access to its premises for testing/repair, customer's refusal to release the TLS circuit/connection for testing and/or repair, customer's maintenance activities or its rearrangement of the TLS circuit/connection or where the customer has exceeded the purchased EVC bandwidth;
- (2) Subsequent reports (i.e., additional customer inquiries) while the trouble is pending;
- (3) Service troubles closed due to the customer's action;
- (4) Service troubles repaired by the Utility prior to its receipt of a trouble report;
- (5) Service trouble caused by the customer's CPE or facilities on its side of the demarcation point or any power, equipment, service or systems not provided by the Utility;
- (6) An Interruption related to the provisioning of a new TLS Access Line or Access Lines in service for less than a month;
- (7) Scheduled maintenance and downtimes;
- (8) Unavailability of network monitoring or management equipment or reporting;
- (9) Any other reason outside the control of the Utility.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued

(C)

4. Application of Rates and Charges - Continued

(6) Service Level Agreements (SLAs) – Continued

e. Limitations on SRCs

The combined total of any SRCs applied to the customer's TLS service for a calendar month must meet the following conditions:

- (1) For any calendar year, the total SRCs shall not exceed ten percent (10%) of the total annual revenue of the prior calendar year billed to the customer for qualifying service elements, or \$200,000 per customer, whichever is less. For any calendar year in which the customer had less than twelve (12) full months of revenue for qualifying service elements in the prior calendar year, the SRCs may not exceed \$20,000 per customer for TLS Network.
- (2) To receive an SRC, the customer must request such SRC in writing within thirty (30) calendar days of the end of the monitoring period of the referenced SRC. The request must include a list of all impacted EVC identification numbers and the type of SRC requested for each EVC.

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹- Continued (C)

5. Rates and Charges

a) UNI Port with Access Line Connection	Nonrecurring <u>Charge</u> ²	Monthly <u>Rate</u>	(T)
i) Standard Access Line, per line			
<u>Month-to-Month Option</u> ³			(T)
10 Mbps	\$ 1,300.00	\$ 1,200.00	
100 Mbps	1,300.00	2,400.00	
1000 Mbps	1,300.00	4,000.00	
<u>Term Commitment Plans</u> ⁴			(T)
3 Year Term			
10 Mbps	--	1,000.00	
100 Mbps	--	2,000.00	
1000 Mbps	--	3,500.00	
5 Year Term			
10 Mbps	--	900.00	
100 Mbps	--	1,800.00	
1000 Mbps	--	3,200.00	
ii) Protected Access Line, per line			
<u>Month-to-Month Option</u> ³			(T)
100 Mbps	1,300.00	3,600.00	
1000 Mbps	1,300.00	6,000.00	
<u>Term Commitment Plans</u> ⁴			(T)
3 Year Term			
100 Mbps	--	3,000.00	
1000 Mbps	--	5,200.00	
5 Year Term			
100 Mbps	--	2,700.00	
1000 Mbps	--	4,800.00	

¹ Offering is limited to existing customers at existing locations as of March 1, 2013. (N)
² See Frontier Communications of the Southwest Inc. Product Guide, Section 3 for applicable nonrecurring charges. (T)
³ The minimum subscription period for the Month-to-Month Option is nine months. I
⁴ See Frontier Communications of the Southwest Inc. Product Guide, Section 2.15, for termination liability rules. (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹- Continued (C)

5. Rates and Charges - Continued

a) UNI Port with Access Line Connection - Continued (T)

	Nonrecurring Charge ²	Monthly Rate	
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iii) Premier Access Line, per line (T)

Month-to-Month Option ³ (T)

100 Mbps	1,300.00	1,200.00	
1000 Mbps	1,300.00	2,400.00	

Term Commitment Plans ⁴ (T)

3 Year Term			
100 Mbps	--	1,000.00	
1000 Mbps	--	2,000.00	

5 Year Term			
100 Mbps	--	900.00	
1000 Mbps	--	1,800.00	

iv) EMS - Real Time Access Line, per line (T)

Month-to-Month Option ³ (T)

100 Mbps	1,300.00	2,500.00	
1000 Mbps	1,300.00	4,500.00	

Term Commitment Plans ⁴ (T)

3 Year Term			
100 Mbps	--	2,100.00	
1000 Mbps	--	4,000.00	

5 Year Term			
100 Mbps	--	1,900.00	
1000 Mbps	--	3,700.00	

¹ Offering is limited to existing customers at existing locations as of March 1, 2013. (N)

² See Frontier Communications of the Southwest Inc. Product Guide, Section 3 for applicable nonrecurring charges. (T)

³ The minimum subscription period for the Month-to-Month Option is nine months. |

⁴ See Frontier Communications of the Southwest Inc. Product Guide, Section 2.15, for termination liability rules. (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹ - Continued (C)

5. Rates and Charges - Continued Nonrecurring Monthly (T)
Charge ² Rate

b) ERS Standard Ethernet Virtual Circuit, per EVC

i) ERS EVC Setup, per EVC

\$ 200.00 --

ii) ERS EVC Standard (ERS-Std), per EVC

10 Mbps	--	\$ 50.00
100 Mbps	--	100.00
1000 Mbps	--	200.00

iii) ERS EVC Basic (ERS-B) Bandwidth,
per Class

1 Mbps	N/A	15.00
2 Mbps	N/A	30.00
3 Mbps	N/A	45.00
4 Mbps	N/A	60.00
5 Mbps	N/A	75.00
6 Mbps	N/A	90.00
7 Mbps	N/A	105.00
8 Mbps	N/A	120.00
9 Mbps	N/A	135.00
10 Mbps	N/A	150.00
20 Mbps	N/A	300.00
30 Mbps	N/A	450.00
40 Mbps	N/A	600.00
50 Mbps	N/A	750.00
60 Mbps	N/A	850.00
70 Mbps	N/A	950.00
80 Mbps	N/A	1,050.00
90 Mbps	N/A	1,150.00
100 Mbps	N/A	1,250.00
200 Mbps	N/A	1,350.00
300 Mbps	N/A	1,450.00
400 Mbps	N/A	1,550.00
500 Mbps	N/A	1,650.00
600 Mbps	N/A	1,740.00
700 Mbps	N/A	1,830.00
800 Mbps	N/A	1,920.00
900 Mbps	N/A	2,010.00
1000 Mbps	N/A	2,100.00

¹ Offering is limited to existing customers at existing locations as of March 1, 2013. (N)

² See Schedule Cal. P.U.C. No. A-41 for applicable nonrecurring charges. (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹- Continued (C)

5. Rates and Charges - Continued

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
b) ERS Standard Ethernet Virtual Circuit, per EVC - Cont'd		
iv) ERS EVC Priority Data (ERS-PD) Bandwidth, per Class		
1 Mbps	N/A	40.00
2 Mbps	N/A	80.00
3 Mbps	N/A	120.00
4 Mbps	N/A	160.00
5 Mbps	N/A	200.00
6 Mbps	N/A	220.00
7 Mbps	N/A	240.00
8 Mbps	N/A	260.00
9 Mbps	N/A	280.00
10 Mbps	N/A	300.00
20 Mbps	N/A	600.00
30 Mbps	N/A	900.00
40 Mbps	N/A	1,200.00
50 Mbps	N/A	1,500.00
60 Mbps	N/A	1,720.00
70 Mbps	N/A	1,940.00
80 Mbps	N/A	2,100.00
90 Mbps	N/A	2,300.00
100 Mbps	N/A	2,500.00
200 Mbps	N/A	2,700.00
300 Mbps	N/A	2,900.00
400 Mbps	N/A	3,100.00
500 Mbps	N/A	3,300.00

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹- Continued (C)

5. Rates and Charges - Continued

	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
b) ERS Standard Ethernet Virtual Circuit, per EVC - Continued		
v. ERS EVC Real Time (ERS-RT) Bandwidth, per Class		
1 Mbps	N/A	120.00
2 Mbps	N/A	240.00
3 Mbps	N/A	360.00
4 Mbps	N/A	480.00
5 Mbps	N/A	600.00
6 Mbps	N/A	660.00
7 Mbps	N/A	720.00
8 Mbps	N/A	780.00
9 Mbps	N/A	840.00
10 Mbps	N/A	900.00
20 Mbps	N/A	1,175.00
30 Mbps	N/A	1,450.00
40 Mbps	N/A	1,725.00
50 Mbps	N/A	2,000.00
60 Mbps	N/A	2,200.00
70 Mbps	N/A	2,400.00
80 Mbps	N/A	2,600.00
90 Mbps	N/A	2,800.00
100 Mbps	N/A	3,000.00

¹ Offering is limited to existing customers at existing locations as of March 1, 2013.

(N)

Continued

FACILITIES FOR INTRASTATE ACCESS

XII. ADVANCE COMMUNICATIONS NETWORKS – Continued

F. TRANSPARENT LAN SERVICE (TLS) ¹- Continued (C)

5. Rates and Charges - Continued

	<u>Nonrecurring Charge</u> ²	<u>Monthly Rate</u>	(T)
c) Interoffice Mileage, per line ³			(T)
Per Mile	--	100.00	
d) TLS Domain/LAN Extension Equipment Changes			
Per location, per change	400.00	--	
e) Optional Features			
Customer Service Management (CSM), Per Domain	350.00	150.00	

¹ Offering is limited to existing customers at existing locations as of March 1, 2013. (N)

² See Schedule Cal. P.U.C. No. A-41 for applicable nonrecurring charges. (T)

³ Applies in addition to applicable rates and charges for all UNE Port with Access Line connections. (T)

Continued

FACILITIES FOR INTRASTATE ACCESS

XV. 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,

- (2) to receive the 0+ interLATA calls and select one secondary service provider per LATA to receive the 1+ interLATA sent-paid traffic; or,
- (3) 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XV. COIN SERVICES - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XV. COIN SERVICES - Continued

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).

Continued

FACILITIES FOR INTRASTATE ACCESS

XV. COIN SERVICES - Continued

F. Payment of Coin Sent-Paid Monies - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XV. COIN SERVICES - Continued

F. Payment of Coin Sent-Paid Monies - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use

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Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

(T)

(D)

(D)

Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

(T)

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Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

(T)

(D)

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Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

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FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

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Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

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Continued

FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

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FACILITIES FOR INTRASTATE ACCESS

XVI. Reserved For Future Use - Continued

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Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - (Continued)

B. Provision of EIS - (Continued)

1. General - (Continued)

- 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.

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 Communications of the Southwest Inc. Supply.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - (Continued)

B. Provision of EIS - (Continued)

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. 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 I.D. Disputed bills will also be subject to provisions in Section I.D. Failure to make payment will result in disconnection of service in accordance with Section I.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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - (Continued)

C. Obligations of the Customer - (Cont'd)

1. Responsibility of the Customer - (Cont'd)

- 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.

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 I.A.8.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - (Continued)

C. Obligations of the Customer - (Cont'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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. 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.1(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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - (Continued)

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.
- 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - Continued

E. Ordering Options for EIS - Continued

1. Bona Fide Request for Virtual EIS at Non-Tariffed Locations or Equipment - Continued
 - 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 Communications of the Southwest Inc. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - Continued

E. Ordering Options for EIS - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - Continued

F. Virtual EIS - Continued

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 XVII.E.4 apply or extend to any patron of the customer purchasing virtual EIS from the Utility.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - Continued

F. Virtual EIS - Continued

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.

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - Continued

F. Virtual EIS - Continued

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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. 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 XVII.F.4.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - Continued

G. Rate Regulations - Continued

(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

FACILITIES FOR INTRASTATE ACCESS

XVII. 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 colocated 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

FACILITIES FOR INTRASTATE ACCESS

XVII. 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.

Continued

FACILITIES FOR INTRASTATE ACCESS

XVII. Expanded Interconnection Services - Continued

G. Rate Regulations - Continued

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

XVII. Expanded Interconnection Services - Continued

H. Virtual EIS Wire Centers - Continued

1. Equipment Rates and Charges

	<u>Monthly Charge</u>
Power Equipment per 20 Amps of power	\$253.91
Maintenance per base module	\$208.76
	<u>Nonrecurring Charges</u>
Engineering/Installation Fee 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
Engineering/Installation Fee 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
Power Equipment Installation per 20 Amps of power	\$2,816.40

Continued

FACILITIES FOR INTRASTATE ACCESS

XIX. RATE ZONE WIRE CENTERS

A. General - Continued

Wire Center Zone Assignments - Continued

<u>RATE ZONE</u>	<u>CLLI</u>	<u>WIRE CENTER NAME</u>
2	TRNCCAXG	PALO VERDE
3	CRCYCAXF	CRESCENT CITY
3	IDYLCAXF	IDYLLWILD
3	KLMTCAXF	KLAMATH

Continued