

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.9 References to the Telephone Company

The customer may advise End Users that certain services are provided by the Telephone Company in connection with the service the customer furnishes to End Users; however, the customer shall not represent that the Telephone Company jointly participates in the customer's services.

## 2.3.10

2.3.11 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 Telephone Company from and against all claims arising out of the combining with, or use in connection with, the services provided under this tariff, any circuit, apparatus, system or method provided by the customer.
- (B) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including attorney fees and court costs by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's services provided under this tariff, 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

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2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Claims and Demands for Damages (Cont'd)

(B) (Cont'd)

in effect any necessary certificates, permits, licenses, or other authority to acquire or operate the services provided under this tariff; 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.

(C)

(D) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act or omission of the customer in the course of using services provided under this tariff.

2.3.12

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2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.14 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

All Switched Access DNAL BSA rates and charges will be apportioned by the Telephone Company between interstate and intrastate based upon the PIU provided by the customer. Rules and regulations for PIUs for Access Line and Access Trunk Arrangements are set forth in Section 2.3.14 following.

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Four AT&T Plaza, Dallas, Texas 75202

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.16 Certification of Special Access Services As Interstate  
(Cont'd)(B) Certification Requirement

When a customer orders a new Special Access Service the customer shall certify, in its order, that the Special Access Service carries interstate traffic and the interstate traffic is more than ten percent (10%) of the total traffic carried on the Special Access Service.

For existing Special Access services, or at any time the customer issues an order to change, rearrange, add or disconnect Special Access services to its existing network, or rearranges its network in any way that would affect the jurisdiction of traffic over its network, it is the responsibility of the customer to estimate the jurisdictional usage of each Special Access Service to determine if the traffic is more than 10% of the total traffic on that service.

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2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.16 Certification of Special Access Services As Interstate (Cont'd)(B) Certification Requirement

- If the customer's estimate of interstate traffic of the service involved constitutes 10% or less of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of the appropriate intrastate tariff. The customer must certify to the Telephone Company this change of jurisdiction via a service order. A change of jurisdiction is considered an administrative change and no charge shall apply, as set forth in Section 7.2.2 following.
- If the customer determines within ninety (90) days of the effective date of this revision that the estimate of interstate traffic on a Special Access contract arrangement constitutes 10% or less of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of the appropriate intrastate tariff. The customer must certify to the Telephone Company this change of jurisdiction via a service order. A change of jurisdiction is considered an administrative change and no charge shall apply, as set forth in Section 7.2.2 following. In addition, no Termination Liability Charge shall apply to the interstate contract arrangement due to a change of jurisdiction.
- If the customer's estimate of interstate traffic on the service involved constitutes more than 10% of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of this tariff.

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2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) The Telephone Company shall bill on a current basis all charges incurred by and credits due to the customer under this tariff attributable to services including, but not limited to, Maintenance of Service as set forth in 13.3.1 following, established or discontinued during the preceding billing period. In addition, the Telephone Company shall bill in advance charges for all services to be provided during the ensuing billing period except for charges associated with service usage and for the Federal Government which will be billed in arrears. The bill day (i.e., the billing date of a bill for Access Service under this tariff, the period of service each bill covers and the payment date will be as follows:

- (1) For End User Access Service and Presubscription, the Telephone Company will establish a bill day each month for each end user account. The bill will cover End User Access Service charges for the ensuing billing period except for End User Access Service for the Federal Government which will be billed in arrears. Any applicable presubscription charges, any known unbilled charges for prior periods and any known unbilled adjustments for prior periods for End User Access Service and presubscription service will be applied to this bill. Such bills are due when rendered.
- (2) For Service other than End User Access Service, and Presubscription, the Telephone Company will establish a bill day each month for each customer account. The bill will cover non-usage sensitive service charges for the ensuing billing period for which the bill is rendered, any known unbilled non-usage-sensitive charges for prior periods and unbilled usage charges for the period after the last

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2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(2) (Cont'd)

bill day through the current bill day. Any known unbilled usage charges for prior periods and any known unbilled adjustments will be applied to this bill. Payment for such bills is due as set forth in (3) following. If payment is not received by the payment date, as set forth in (3) following, a late payment penalty will apply as set forth in (3) following.

- (3) (a) All bills dated as set forth in (2) preceding for service, other than End User Access Service and Presubscription, provided to the customer by the Telephone Company are due 31 days (payment date) after the bill day or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, except as provided herein. If such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, and a day when Washington's Birthday, Memorial Day is legally observed), payment for such bills will be due from the customer as follows:

If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday. If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.2 Minimum Periods, (Cont'd)

- (A) When a service with a one month minimum period is discontinued prior to the expiration of the minimum period, a one month charge will apply at the rate level in effect at the time service is discontinued.
- (B) When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, the applicable charge will be the lesser of (1) the Telephone Company's total nonrecoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.

#### 2.4.3 Cancellation of an Order for Service

Provisions for the cancellation of an Access Order or Planned Facilities order for Switched Access or Special Access service are set forth in 5.2.2(B), 5.2.3 and 5.4.5 following.

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.4 Credit Allowance for Service Interruptions (Cont'd)

##### (B) When a Credit Allowance Applies (Cont'd)

- (2) For Program Audio and Video Special Access Service, no credit shall be allowed for an interruption of less than 30 seconds. The customer shall be credited for an interruption of 30 seconds or more as follows:
- (a) For two-point services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues.
  - (b) For two-point services, when daily rates are applicable, the credit shall be at the rate of 1/288 of the daily charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues.
  - (c) For multipoint services, when monthly rates are applicable, the credit shall be at the rate of 1/8640 of the monthly charges for all channel terminations, channel mileages and optional features and functions that are inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.
  - (d) For multipoint services, when daily rates are applicable, the credit shall be at the daily rate of 1/288 of the daily charges for all channel terminations, channel mileages and optional features and functions that are inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.4 Credit Allowance for Service Interruptions (Cont'd)

##### (B) When a Credit Allowance Applies (Cont'd)

###### (2) (Cont'd)

(e) For multipoint services, the credit for the monthly or daily charges includes the charges for the distribution amplifier only when the distribution amplifier is inoperative.

(f) When two or more interruptions occur during a period of 5 consecutive minutes. Such multiple interruptions shall be considered as one interruption.

(3) For Switched Access Service, no credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more at the rate of 1/30 of (a) any applicable monthly rates and (b) the assumed minutes of use charge for each period of 24 hours or major fraction thereof that the interruption continues. However, in no case is a credit allowance applicable when the actual usage charge exceeds the minimum monthly charge in any one monthly billing period.

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.4 Credit Allowance for Service Interruptions (Cont'd)

##### (B) When a Credit Allowance Applies (Cont'd)

- (4) The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the greatest of (a) any monthly rates or (b) the assumed minutes of use charge for the service in any one month billing.
- (5) For certain Special Access services (Wideband Digital, WD1-4; Digital Data Access, DA1-4; and High Capacity, HC1), any period during which the error performance is below that specified for the service will be considered as an interruption.
- (6) Service interruptions for Specialized Service or Arrangements provided under the provisions of 10. or 12. following shall be administered in the same manner as those set forth in this section (2.4.4) unless other regulations are specified with the individual case filing.

##### (C) When a Credit Allowance Does Not Apply

No credit allowance will be made for:

- (1) Interruptions caused by the negligence of the customer.
- (2) Interruptions of a service due to the failure of equipment or systems provided by the customer, or others.

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.4 Credit Allowance for Service Interruptions (Cont'd)

##### (C) When a Credit Allowance Does Not Apply (Cont'd)

(10) For audio connecting facilities and television connecting facilities no credit shall be allowed for an interruption of less than 30 seconds. The customer shall be credited for an interruption of 30 seconds or more at the rate of 1/8640 of the monthly charge for the facility for each 5 minutes or fraction thereof that an interruption continues.

Interruptions occurring during a period of 5 consecutive minutes shall be considered as one interruption. An interruption of either the audio or video portion of a television connecting facility shall be considered as an interruption of the facility if the customer releases the entire facility for investigating and clearing the troubles thereon.

##### (D) Use of an Alternative Service Provided by the Telephone Company

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

##### (E) Temporary Surrender of a Service

In certain instances, the customer may be requested by the Telephone Company to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, a credit allowance will be granted. The credit allowance will be 1/1440 of the monthly rate for each period of 30 minutes or fraction thereof that the service is surrendered. In no case will the credit allowance exceed the monthly rate for the service surrendered in any one monthly billing period.

#### 2.4.5

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.6 Reestablishment of Service Following Fire, Flood or Other Occurrence

##### (A) Nonrecurring Charges Do Not Apply

Charges do not apply for the reestablishment of service following a fire, flood or other occurrence attributed to an Act of God provided that:

- (1) The service is of the same type as was provided prior to the fire, flood or other occurrence.
- (2) The service is for the same customer.
- (3) The service is at the same location on the same premises.
- (4) The reestablishment of service begins within 60 days after Telephone Company service is available. (The 60 day period may be extended a reasonable period if the renovation of the original location on the premises affected is not practical within the allotted time period).

##### (B) Nonrecurring Charges Apply

Nonrecurring Charges apply for establishing service at a different location on the same premises or at a different premises pending reestablishment of service at the original location.

#### 2.4.7 Title or Ownership Rights

- (A) The payment of rates and charges by customers for the services offered under the provisions of this tariff does not assign, confer or transfer title or ownership rights to proposals or facilities developed or utilized, respectively, by the Telephone Company in the provision of such services.

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.8 Access Services Provided By More Than One Telephone Company

- (A) When an Access Service is provided by more than one Telephone Company, the Telephone Companies involved will agree upon a billing, design and ordering arrangement which is consistent with the provisions contained in this section and the Ordering and Billing Forum Standards, Multiple Exchange Carrier Access Billing (MECAB) and Multiple Exchange Carrier Ordering and Design (MECOD). The Telephone Companies involved will mutually agree upon one of the following billing methods as set forth in (1) and (2) following based upon the interconnection arrangements between the Telephone Companies and the availability of measurement capability.

The Telephone Company will notify the customer which of the billing methods will be used. In addition, the Telephone Company will send written notification to the customer of a change in billing methods 30 days prior to such change. The customer will place the order for the services as set forth in 5.2.9 following dependent upon the billing method.

ALA or Feature Group A (FGA) Switched Access Services will be billed as set forth in 2.4.8(A)(1) following.

ATA950, ATANEA and ATAXXX or Feature Group B, Feature Group C and Feature Group D (FGB, FGC and FGD) Switched Access, Special Access and Directory Assistance Services will be billed as set forth in 2.4.8(A)(2)(a) or 2.4.8(A)(2)(b) following.

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2. General Regulations

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Access Services Provided By More Than One Telephone Company  
(Cont'd)

(A) (Cont'd)

(1) Non Meet Point Billing

(a) Single Company Billing/Single Bill Option for  
ALA or Feature Group A (FGA) Service

The Telephone Company receiving the order from the customer, as specified in 5.2.9(A)(1), following will arrange to provide the service, determine the applicable charges and bill the customer for the entire service in accordance with its Access Services tariff.

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A)(Cont'd)

##### (2) Meet Point Billing

Meet Point Billing is required when an access service is provided by multiple Telephone Companies for ATA950, ATANEA, ATAXXX or for Feature Groups B, C and D Switched Access Services, Directory Assistance and Special Access.

For usage rated access services the access minutes of use will be determined 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 ATA950, ATANEA, ATAXXX or Feature Groups B, C and D Switched Access Services is normally the end user's end office, for WATS usage the Initial Billing Company is normally the WATS serving office, for Directory Assistance the Initial Billing company is normally the Directory Assistance location. When the Initial Billing Company is other than the normally designated Telephone Company office, the Telephone Company will notify the customer.
- The Subsequent Billing Company(s) is any Telephone Company(s) in whose territory a segment of Local Transport is provided and/or

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A)(Cont'd)

##### (2) Meet Point Billing (Cont'd)

where the customer's Point of Termination is located.

There are two Meet Point Billing Options - - Single Bill and Multiple Bill. The Single Bill option is the preferred method.

The Telephone Company must notify the customer of: (1) the Meet Point Billing Option that will be used, (2) the Telephone Company(s) that will render the bill(s) (3) the Telephone Company(s) to whom payment(s) should be remitted, and (4) the Telephone Company(s) that will provide the bill inquiry function. The Telephone Company shall provide such notification at the time that orders are placed for access service. Additionally, the Telephone Company shall provide this notice in writing 30 days in advance of any changes.

The Telephone Company that renders the bill - - the Bill Rendering Telephone Company - - will include on the access service bill, based upon Industry Standards, cross reference(s) to the other Telephone Company(s) service and the common circuit identifiers. Should a billing dispute arise, the terms and conditions of the Bill Rendering Telephone Company will apply.

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A)(Cont'd)

#### (2) Meet Point Billing (Cont'd)

##### (a) Single Bill Option

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

##### (i) Single Bill/Multiple Tariff

Each Telephone Company will receive an order or a copy of the order from the customer as specified in 5.2.9(A)(2) and arrange to provide the service. Each Telephone Company will:

- determine all recurring and nonrecurring rates and charges of its access tariff;  
and
- communicate the application, rates and charges to the Bill Rendering Company.

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2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company  
(Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)(a) Single Bill Option (Cont'd)(iii) Single Bill/Single Tariff

Each Telephone Company will receive an order or a copy of the order from the customer as specified in 5.2.9(A)(2) and arrange to provide the service. The Bill Rendering Telephone Company will:

- determine and include all recurring and nonrecurring charges of its access tariff; and
- forward the bill to the customer.

The customer will remit the payment to the Bill Rendering Telephone Company.

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## 2. General Regulations

### 2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### 2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

##### (2) Meet Point Billing (Cont'd)

###### (b) Multiple Bill Option (Cont'd)

- bill in accordance with its access tariff; and
- forward the bill to the customer.

The customer will remit the payment directly to each Telephone Company that bills it.

###### (c) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges

- (i) Determine the appropriate Local Transport or Channel Mileage by computing the number of airline miles between the Telephone Company premises (end office, access tandem or serving wire centers for Switched Access or serving wire centers for Special Access) using the V&H method set forth in 6.7.11, and 7.2.5 following.

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2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)(c) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(ii) Determine the billing percentage (BP), as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, which represents the portion of the service provided by each Telephone Company.

(iii) For ATA950, ATANEA, ATAXXX or for Feature Groups B, C and D Switched Access Services using BP Method, (1) multiply the number of access minutes of use times the number of airline miles, as set forth in (i) preceding, times the BP for each Telephone Company, as set forth in (ii) preceding times the Local Transport Facility rate; (2) multiply the Local Transport Termination rate times the number of access minutes.

The Local Transport Termination rate is applied as set forth in 6.1.2(A) following.

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2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company  
(Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)(c) Determination of Meet Point Billed Local  
Transport, Directory Transport and Channel  
Mileage Charges (Cont'd)

- (iv) For Special Access using BP method, multiply the number of airline miles, as set forth in (i) preceding, times the BP for each Telephone Company, as set forth in (ii) preceding, times the Channel Mileage Facility rate. Add the Channel Mileage Termination rate.
- (v) For Directory Assistance Service, multiply the Directory Transport rate times the number of directory assistance calls times the BP for each Telephone Company, as set forth in (ii) preceding.
- (vi) When three or more Telephone Companies are involved in providing an Access Service, the intermediate Telephone Company(s) will determine the appropriate charges as set forth in (iii) and (iv) preceding, except the Local Transport Termination or Channel Mileage Termination rate does not apply.

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2. General Regulations

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Access Services Provided By More Than One Telephone Company  
(Cont'd)

(B) Example - Switched Access

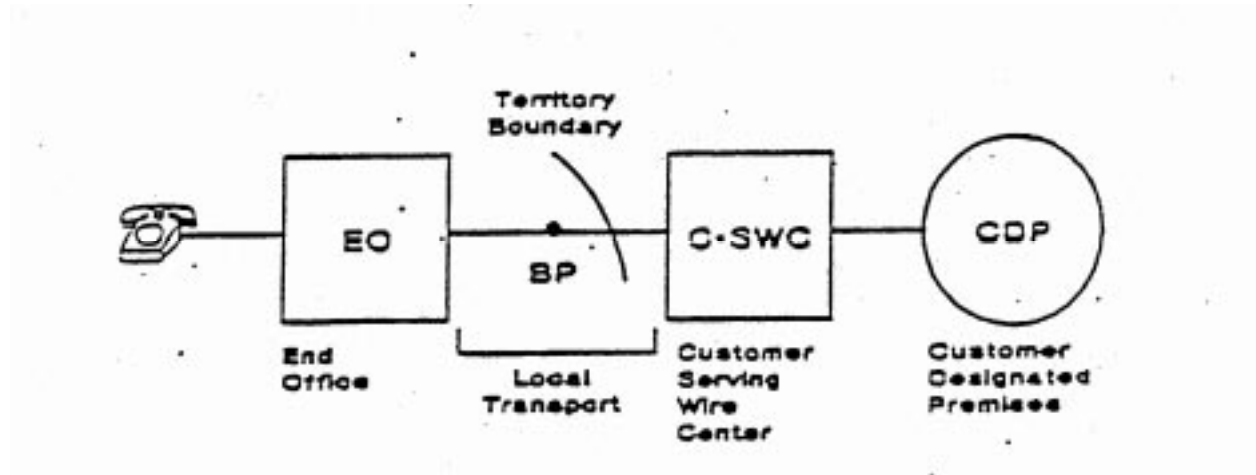
(1) Layout

(a) ATANEA or Feature Group C Switched Access is ordered to End Office A.

(b) End Office A is in operating territory of Telephone Company A.

(c) Customer designated premises is in operating territory of Telephone Company B.

Telephone Company A	Telephone Company B
(TC A)	(TC B)
<u>Operating Territory</u>	<u>Operating Territory</u>



(This page filed under Transmittal No. 1 )

## 2. General Regulations (Cont'd)

### 2.6 Definitions (Cont'd)

#### Central Office

The term "Central Office" denotes a local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

#### Central Office Prefix

The term "Central Office Prefix" denotes the first three digits (NXX) of the seven digit telephone number assigned to an End User's Telephone Exchange Service when dialed on a local basis.

#### Centralized Automatic Reporting on Trunks Testing

The term "Centralized Automatic Reporting on Trunks Testing" denotes a type of testing which includes the capacity for measuring operational and transmission parameters.

#### Channel(s)

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

#### Channel Service Unit

The term "Channel Service Unit" denotes equipment which performs one or more of the following functions: termination of a digital facility, regeneration of digital signals, detection and/or correction of signal format error, and remote loop back.

#### Clear Channel Capability

The term "Clear Channel Capability" denotes an arrangement that allows the customer to transport 1.544 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 page filed under Transmittal No. 1 )



2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Decibel

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 Weighting

The term "Decibel Reference Noise C-Message Weighting" denotes noise power measurements with C-Message Weighting in decibels relative to a reference 1000 Hz tone of 90 dB below 1 milliwatt.

Decibel Reference Noise C-Message Referenced to 0 (Zero)

The term "Decibel Reference Noise C-Message Referenced to "0" denotes noise power in "Decibel Reference Noise C-Message Weighting" referred to or measured at a zero transmission level point.

Detail Billing

The term "Detail Billing" denotes the listing of each message and/or rate element for which charges to a customer are due on a bill prepared by the Telephone Company.

Directory Assistance (Interstate)

The term "Directory Assistance" denotes the provision of telephone numbers by a Telephone Company operator when the operator location is accessed by a customer premises by sending the appropriate signals, i.e., off-hook, 411, 555-1212 or (NPA) 555-1212.

Directory Assistance Location (Interstate)

The term "Directory Assistance Location" denotes a Telephone Company office where Telephone Company equipment first receives the Directory Assistance call from a customer and selects the first operator position to respond to the Directory Assistance call.

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## 2. General Regulations (Cont'd)

### 2.6 Definitions (Cont'd)

#### Equal Level Echo Path Loss

The term "Equal Level Echo Path Loss" (ELEPL) denotes the measure of Echo Path Loss (EPL) at a 4-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP). [ELEPL = EPL - TLP (send) + TLP (receive)]

#### Expected Measured Loss

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 1004 Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

#### Exchange

The term "Exchange" denotes a unit generally smaller than a Local Access and Transport Area established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given Local Access and Transport Area.

#### Exchange Access Signaling

The signaling system is used by equal access end offices to transmit originating information and address digits to the customer's premises and which includes the means of verifying the receipt of these address digits. Features of this system include overlap outpulsing, identification of the ten-digit telephone number of the calling party, and acknowledgement wink supervisory signals.

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## 2. General Regulations (Cont'd)

### 2.6 Definitions (Cont'd)

#### Loop Around Test Line

The term "Loop Around Test Line" denotes an arrangement utilizing a Telephone Company Central office which to provide a means for making two-way transmission tests on a manual basis. This arrangement has two terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

#### Loss Deviation

The term "Loss Deviation" denotes the variation of the actual loss from the designed value.

#### Maritime Radio Common Carriers (MRCCs)

The term "Maritime Radio Common Carriers (MRCCs)" denotes carriers which are regulated under Part 81 of the Federal Communications Commission's Rules and Regulations.

#### Major Fraction Thereof

The term "Major Fraction Thereof" is any period of time in excess of 1/2 of the stated amount of time. As an example, in considering a period of 24 hours, a major fraction thereof would be any period of time in excess of 12 hours exactly. Therefore, if a given service is interrupted for a period of thirty-six hours and fifteen minutes, the customer would be given a credit allowance for two twenty-four hour periods for a total of forty-eight hours.

#### Message

The term "Message" denotes a "call" as defined preceding.

#### 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 customer premises from the Telephone Company end office.

(This page filed under Transmittal No. 1 )

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.9 Access Orders For Services Provided By More Than One  
Exchange Telephone Company (Cont'd)

(A) (Cont'd)

(1) Non Meet Point Billing (Cont'd)(a) Single Company Billing Ordering (Cont'd)

(i) For Switched Access Services the customer will place the order with the Telephone Company in whose territory the first point of switching is located. The first point of switching is:

- ALA or FGA - dial tone office

When the first point of switching is not in the same Telephone Company's territory as the Interexchange Carrier premises, the customer must supply a copy of the order to the Telephone Company in whose territory the Interexchange Carrier premises is located.

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Switching

This rate category provides for (1) local end office switching, i.e., the common switching functions associated with the various Switched Access Service arrangements, (2) the termination of switched transport at end offices, (3) the termination of common lines and WATS Access Lines at end offices, (4) intercept functions, i.e., the termination of certain calls at a Telephone Company intercept operator or recording, (5) the dedicated End Office Port terminating in the end office, and (6) the Shared End Office Trunk Port for termination of Common Transport trunks for tandem routed traffic.

This category includes usage sensitive rates and both chargeable and nonchargeable optional features.

(1) Usage Sensitive Rates

The usage sensitive rates are applied on a per minute of use basis and are divided into two categories: LS1 and LS2 - which pertain to Feature Groups; LS1A and LS2A which pertain to unbundled Basic Service Arrangements.

- (a) The first category, LS1, provides local switching functions for Feature Groups A and B, except for Feature Group A and Feature Group B used to terminate traffic to a WATS Access Line (WAL) provided from an equal access office.

LS1A provides local switching functions for Access Line Arrangement (ALA) and Access Trunk Arrangement with the 950 Option (ATA950), except for ALA and ATA950 used to terminate traffic to a WATS Access line (WAL) provided from an equal access office.

- (b) The second category, LS2, provides local switching functions for Feature Group A and Feature Group B used to terminate traffic to a WATS Access Line (WAL) provided from an equal access end office, Feature Group C, Feature Group D and 800 or 900 Access Service.

LS2A provides local switching functions for Access Line Arrangements and Access Trunk Arrangement with the 950 Option used to terminate traffic to a WATS Access Line (WAL) provided from an equal access end office, Access Trunk Arrangement without Equal Access (ATANEA), Access Trunk Arrangement with 101XXXX (ATAXXXX) and 800 or 900 Access Service.

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6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.5 Testing (Cont'd)(B) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1004 Hz loss, C-message noise and Balance (Return loss).

In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

The frequency of these tests will be that which is mutually agreed upon by the customer and the Telephone Company, but shall consist of not less than quarterly 1004Hz Loss and C-message noise tests and an annual Balance test. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

Additional tests may be ordered as set forth in 13.3.5 following. Charges for these additional tests are set forth in 13.3.5(C) following.

6.1.6 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5.2 preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

6.1.7 CCSAC Testing Requirements

For FGD or ATAXXX with the CCSAC optional feature, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer. These tests are as specified in the Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. These tests must be successfully completed prior to providing the CCSAC optional feature.

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

Following are detailed descriptions of each of the available Basic Service Arrangements and Feature Groups. Each Arrangement or Feature Group is described in terms of its specific physical characteristics and calling capabilities, the transmission specifications with which it is provided, the optional features available for use with it and the standard testing capabilities.

6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA)(A) Description

ALA and FGA Access, which is available to all customers, provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the ALA or FGA service is connected or, in the alternative, specify the means by which the ALA or FGA access communications is transported to another state.

- (1) ALA or FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, ALA or FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.
- (2) ALA or FGA provides a line side termination at the first point of switching (dial tone office). The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB)(A) Description

ATA950 and FGB Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform access code generally 950-1XXX or 950-0XXX for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the ATA950 or FGB service is connected or, in the alternative, specify the means by which the ATA950 or FGB access communications is transported to another state.

- (1) ATA950 or FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, ATA950 or FGB switching is provided at Telephone Company electronic and electromechanical end office switches.
- (2) ATA950 or FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling
- (3) ATA950 or FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for ATA950 or FGB switching provided with the automatic number

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB) (Cont'd)(A) Description (Cont'd)

(6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where ATA950 or FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of ATA950 or FGB switching arrangement provided. Different types of ATA950 or FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(7) When all ATA950 or FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Optional Features(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Up to 7 Digit Outpulsing of Access Digits to Customer
- (c) Hunt Group Arrangement for Use with WATS Access Line Service.

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.5 500, 900 and Toll Free Access Service(A) 500 Access Service

500 Access Service is an originating offering utilizing trunk side Switched Access Service and is available at appropriately equipped Telephone Company end offices or tandem switches. The service provides a 500 Access Service customer identification function based on the dialed 500 number.

When a 0+500+NXX-XXXX or 1+500+NXX-XXXX call is originated by an end user, the Telephone Company will perform the 500 Access Service customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originates from an end office switch not equipped to provide the 500 Access Service customer identification function, the call will be routed to an office at which the function is available. Once 500 Access Service customer identification has been established, the call will be routed to the customer. Calls originating in an end office switch in which the customer has not ordered 500 Access Service will be routed to intercept. The 500 Access Service customer has the option to order 0+ 500, 1+ 500 or both. 0+ 500 and 1+ 500 originating calls from 101XXXX, inmate service, toll restricted lines, WATS, Feature Group A and Access Line Arrangement with Call Access Denial will be blocked. 1+500 originating calls from Coin, Prepay, Hotel/Motel ANI 7, Hospital and AT&T Public Access Line will be blocked. If the 500 Access Service customer chooses not to accept a call that the Telephone Company routes, then the 500 Access Service customer is responsible for providing its own blocking and announcement explaining the reason the call cannot be completed. If the 500 Access Service customer accepts 500 calls and subsequently cannot collect from the calling or called party, the Telephone Company is not responsible for the uncollected charges. Calls to 0- will reach a live operator intercept who will give dialing instructions to the calling party to dial 1+ 500 or 0+ 500. International dialing (e.g., 01 and 011+500+NXX-XXXX) will not be accepted for reaching a 500 access service customer.

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(V) Flexible Automatic Number Identification (Cont'd)

- (2) Flexible ANI is only available on Feature Group D or ATAXXX, in equal access end offices where technically feasible, and will work in conjunction with ten digit ANI (as previously described in 6.3.1.F).
- (3) When a customer orders Flexible ANI, all available ANI digits will be delivered. A customer may not specify individual digits.

The information digits identify:

- (a) 52 - Outward Wide Area Telecommunications Service (OUTWATS) routed via a combined WATS-POTS trunk group,
- (b) 93 - Originating call is a private virtual network type of service call.

(W) Call Transfer\*

This option permits a customer who has established a call using an Access Line Arrangement to add another party to the call to establish a three-way conference call. Once the three-way conference call has been established, the customer may drop its connection without disconnecting the other two parties and may use its service to make another call. In addition, a customer may hold a second call while maintaining privacy from the first call. This feature, available with ALA, is provided from suitably equipped Telephone Company offices.

\*Call Transfer is also known as Three Way Call Transfer in Bell Operating Companies ONA Special Report #5.

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(X) Direct Inward Dialing (DID)

Direct Inward Dialing Service is offered with Access line Arrangement (ALA) only. Up to seven-digit outpulsing of the called telephone number is provided to the customer premises. The number of digits forwarded by the central office switch is determined at the time the service is ordered.

Due to the absence of central office switch measurement capabilities, assumed minutes of use as described in 6.7.6 (A) following are applied for lineside Basic Serving Arrangements (BSAs) used in conjunction with DID BSE.

Terminating service is not provided. Other Lineside BSA features or BSEs, except DID Trunk Queuing BSE are not available in conjunction with this BSE.

(Y) Calling Party Number (CPN)

This option provides for the automatic transmission of the calling party's ten-digit telephone number to the customer's premises for calls originating in the LATA. The ten-digit telephone number consists of the NPA plus the seven-digit telephone number, which may or may not be the same as the calling station's charge number. The ten digit telephone number will be coded as presented, or restricted via a "Privacy Indicator" for delivery to the called end user. The specific protocol for CPN is described in Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. This feature is available only with originating FGD or ATAXXX when the CCSAC optional feature is specified.

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(Z) Charge Number (CN)

This option provides for the automatic transmission of the ten-digit billing number of the calling station and originating line information. The specific protocol for CN is described in Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. This feature is available with originating FGD when the CCSAC optional feature is specified. This feature is also available with originating FGD or ATAXXX when the CCSAC optional feature is specified as a chargeable Basic Service Element as described in 6.8.2(B) following. CN is the SS7 out of band signaling equivalent of ANI with multifrequency address signaling, as described in 6.3.1(F) preceding.

(AA) Carrier Selection Parameter (CSP)

This option provides for the automatic transmission of a signaling indicator which signifies to the customer whether the call being processed originated from a presubscribed end user of that customer. The specific protocol for CSP is described in Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. This feature is available only with originating FGD or ATAXXX when the CCSAC optional feature is specified.

(AB) Answer Supervision - Lineside BSE

Answer supervision - lineside provides the capability to deliver "off hook" supervisory signals from the terminating central office switch to a lineside interface at the originating central office switch. These signals indicate when the called station has answered an incoming call. Answer supervision will only be provided in RENONV02\* on a trial basis for 18 months and is available with FGA or ALA service.

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.2 Transport Termination (Cont'd)

- (B) Operator Trunks - Modified Operator Services (MOS)  
- Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

This option provide the operator function available in the end office to the customer's specified location. These functions are (1) Operator Release, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, (5) Ring Back. It is available from the Telephone Company's equal access end office to the customer's specified location. This option is not available in combination with the CCSAC optional feature.

- (C) Operator Trunk - Exchange Access Operator Service Systems (EAOSS)

This option provides the operator functions available in the end office to the customer's specified location for Coin 1+, 01+, 011+, 0+ and 0-. These functions are (1) Operator Released, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ringback. It is available with ATAXXX or Feature Group D and is provided as a trunk type of Transport Termination from the Telephone Company's coin tandem or direct from the equal access end office to the customer's specified location, where technically feasible.

6.3.3 WATS Access Line Termination

The WATS Access Line Termination are differentiated by line side vs. trunk side terminations. The standard WATS Access Line arrangement is available with a line side termination. There are various types of originating, terminating and two way line side terminations depending on the type of signaling associated with the WATS Access Line; (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

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6. Switched Access Service (Cont'd)6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Basic Service Arrangement or Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 15.2.1 following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 15.2.2(A), 15.2.2(B), or 15.2.2(C) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to May 25, 1984 except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff.

The transmission specifications concerning Switched Access Service are immediate action limits and are set forth in 15.2 following. Acceptance limits are set forth in Technical Reference TR-NPL-000334. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

Transmission specifications for SS7 Signaling Connections are set forth in Bellcore Common Channel Signaling Network Specifications Technical Reference TR-TSV-000905.

Transmission specifications for FGD or ATAXXX with CCSAC and the 64CCC optional feature are set forth in Technical Reference TR-NWT-000938.

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6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2, preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

6.5.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

The Telephone Company SS7 signaling network will provide management functions as described in detail in Bellcore Common Channel Signaling Network Specifications Technical Reference TR-TSV-000905.

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6. Switched Access Service (Cont'd)6.6 Obligations of the Customer

In addition to the obligations of the customer set forth in 2. preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.6.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in 2.3.15 preceding.

(B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

(C) 900 Access Service Code Reports

When ordering 900 Access Service, the customer must report the appropriate NXX Codes to be instituted. The Telephone Company will activate code identification at all offices where capability is available. The report must be updated by the customer

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(4) Transport Interconnection Charge (Cont'd)

## (2) (Cont'd)

are not billed on the terminating end. When an Expanded Interconnection arrangement, as set forth in Section 18, following, is provided and the customer requires DTT to an end office within the same wire center building, the IC rates are not assessed.

(5) Multiplexing

The Multiplexing rate applies when an Entrance Facility or Direct Trunked transport is multiplexed at a Telephone Company hub to a lower capacity (i.e., DS3 to DS1 or DS1 to DS0). DS3 to DS1 multiplexing is required on a DS1 Entrance Facility or Direct Trunked transport. The Multiplexing rate is applied on a per Multiplexing arrangement basis. The rate as set forth in 6.8.1(I) following applies for the selected Multiplexing arrangement even if all the Multiplexing ports for the selected Multiplexing arrangement are not activated.

(6) Local Switching

Local Switching includes usage charges and optional features charges. Local Switching usages rates are applied on a per minute of use basis. Local Switching minutes are as set forth in (E) following. The chargeable minutes are determined as set forth in 6.7.6 following. The rates are as set forth in 6.8.2 following.

The Dedicated End Office Port provides for each in service dedicated line or trunk terminating in the end office port. A monthly rate applies, per line or per trunk, for each dedicated line or trunk terminating in the end office port.

The Shared End Office Trunk Port rate element provides for the use of the shared end office trunk ports for termination of Tandem Switched Transport trunks for tandem routed traffic. A per minute of use charge applies to the Shared End Office Trunk Ports for termination of Tandem Switched transport trunks for tandem routed traffic.

Local Switching optional feature rates are applied on a per month and a per minute of use basis as set forth in 6.8.2 following.

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## ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.4 Network Access Services (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) <u>DNAL</u> (Cont'd)			
(2) <u>DNAL Mileage</u>			
<u>DNAL Mileage Facility</u>			
Per mile	CMF	\$ 0.70	None
<u>DNAL Mileage Termination</u>			
Per Termination	CMT	11.29	None
(B) <u>DNAL BSEs</u>			
(1) #Availability and Stop Hunting Control Arrangement (BSE)*		4.20	
(2) Port Access To Verify Integrity of Subscriber Lines (BSE) -Per Port (2 ports required)	VE1SL	None	\$500.00

# Requires the use of DNAL as specified in Section 6.2.6A.

\* Availability and Stop Hunting Control Arrangement is known as Make Busy Key in Bell Operating Companies ONA Special Report #5.

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7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Non- recurring Charges</u>
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission			
- Per termination			
- Two-Wire	1RL2W	\$ 8.24	None
- Four-Wire	1RL4W	8.20	None
(4) Customer Specified Received Level			
-Per two-wire termination	RLS	4.61	None
(5) Data Capability			
- Per termination	XDCPT	5.67	\$ 91.27
(6) Telephoto Capability			
- Per termination	XTCPT	7.40	\$377.67

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10. Federal Government Specialized Service or Arrangements (Cont'd)

10.8 Service Offerings (Cont'd)

10.8.2 Rates and Charges (Cont'd)

(C) Special Routing Access Service (Cont'd)

	<u>USOC</u>	<u>Rates</u>	<u>Nonrecurring Charges</u>
(2) Special Routing Access Service Trunk Group Reconfiguration, per trunk	GIDAA/GID++	ICB rates and charges apply	
(3) Special Routing Access Service Trunk Group Setup, per End Office or Tandem Office Switching System, per occurrence			
- Customer Selection	GISAA/G1S++	ICB rates and charges apply	
(4) Special Routing Access Service Mode Selection (Active or Deactive), per Switching System, per occurrence	G1E	-	\$521.00
(5) Special Routing Access Service Trunk Usage, when in an active mode, per trunk, per hour	G1T	\$4.64*	-

\* This rate is in addition to Trunk Side Premium Access Service rates, as set forth in 6. preceding, that apply on an ongoing basis regardless of the mode selected as set forth in (4) preceding.

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13. Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.4 Standard Jacks - Registration Program (Cont'd)

(A) Standard Voice Jacks (Cont'd)

(1) (Cont'd)

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(g) 9DB single line data equipment with mode indication and mode indication common leads. This jack is normally used in association with a series jack.	RJ16X	\$10.00
(h) Three-line non-key telephone sets and ancillary devices.	RJ25C	\$49.00

(2) 50 Position Miniature Ribbon for connection of multiline terminating equipment and channel derivation devices as follows:

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13. Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Testing Services

Testing Services offered under this section of the tariff are optional and subject to rates and charges as set forth in 13.3.5(C) following. Other testing services, as described in 6.1.5 and 7.1.7 preceding, are provided by the Telephone Company in association with Access Services and are furnished at no additional charge.

Testing services are normally provided by Telephone Company personnel at Telephone Company locations. However, provisions are made in (A)(4) and (B)(2) following for a customer to request Telephone Company personnel to perform testing services at the customer's premises.

The offering of Testing Services 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 mentioned in (A), (B) and (C) following:

(A) Switched Access Service

Testing Services for Switched Access are comprised of (a) tests which are performed during the installation of a Switched Access Service, i.e., Acceptance Tests, (b) tests which are performed after acceptance of such access services by a customer which are without charge i.e., routine testing and (c) additional tests which are performed during or after acceptance of such access services by a customer for which additional charges apply, i.e., Additional Cooperative Acceptance Tests and in-service tests.

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13. Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(A) Switched Access Service (Cont'd)(2) Additional Automatic Testing (Cont'd)

The Telephone Company will provide an AAT report that lists the test results for each trunk tested. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

(3) Additional Manual Testing

Additional Manual Testing (AMT) of Switched Access Services (All Basic Service Arrangements or Feature Groups A, B, C, and D and Directory Access Service not routed through an access tandem), where the Telephone Company provides a technician at its office(s) and the Telephone Company or customer provides a technician at the customer designated premises, with suitable test equipment to perform the required tests, will normally consist of gain- slope and C-notched noise testing. However, the Telephone Company will conduct any additional tests which the IC may request.

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13. Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(A) Switched Access Service (Cont'd)(3) Additional Manual Testing (Cont'd)

The Telephone Company will provide an AMT report listing the test results for each trunk tested. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on a per occurrence basis.

(4) Obligations of the Customer

(a) The customer shall provide the Remote Office Test Line priming data to the Telephone Company, as appropriate-to support routine testing as set-forth in 6.1.5(B) preceding or AAT as set forth in 13.3.5(A)(2) preceding.

(b) The customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.

(B) Special Access Service

The Telephone Company will provide assistance in performing specific tests requested by the customer.

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13. Additional Engineering, Additional Labor and Miscellaneous Services13.3 Miscellaneous Services (Cont'd)13.3.8 International Blocking Service(A) Service Description

International Blocking Service is an optional end user feature available, where facilities permit, in Telephone Company electronic end offices. This feature will block consumers from direct-dialing international calls via the preselected or presubscribed interexchange carrier (011+) on designated telephones, where technically feasible. International Blocking Service will also block customers from over-riding the preselected interexchange carrier when dialing direct-dialed international calls (10XXX 011+) from designated telephones, where technically feasible.

This feature provides end office blocking of direct-dialed 011+ and 10XXX+011+ calls by routing such calls to a recorded announcement. It is available for line side services offered in the Telephone Company's local or general exchange tariffs that are provided either to aggregator or non-aggregator business customers.

An aggregator is defined as any person that, in the ordinary course of its operations, makes telephones available to the public or to transient users of it's premises, for interstate telephone calls using a provider of operator services.

Non-aggregator business customers are all other business customers.

- (B) This is a nonchargeable option when ordered with the primary service. When ordered as an option to existing service, a miscellaneous service order charge will apply. For charges associated with these miscellaneous changes, see Section 13.

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14. Exceptions to Access Service Offerings

The service offered under the provisions of this tariff are subject to availability as set forth in 2.1.4 preceding. In addition, the following exceptions apply:

14.1 The following items are not offered in the operating territory of this Company.

<u>Paragraph</u>	<u>Offering</u>	<u>USOC</u>
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14.2 Interstate Served Direct Foreign Exchange Service

With the exception of Presubscription, as set forth in 13.3.3 preceding, the regulations and rates set forth in this tariff do not apply to customers for the type of connection(s) and in the location(s) listed following. The regulations and rates for this (these) connection(s) are the applicable Telephone Exchange Services regulations and rates specified in the Local and/or General Exchange Service tariff for the exchange from which the connection is provided. In addition, regulations and rates for the associated channel between the locality in which the customer is located and the exchange from which the connection is provided, apply as specified in AT&T's Tariff F.C.C. No. 10 for Series 2000, Type 2006, Channels or its successor tariff for comparable channels.

<u>Customer Location</u>	<u>Exchange from which</u>	<u>Type of</u>
<u>Locality</u> <u>State</u>	<u>Connection is Provided</u>	<u>Connection</u>
Verdi	Calif. Reno, Nev.	Individual

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## 15. Interface Groups, Transmission Specifications and Channel Interfaces

### 15.1 Local Transport Interface Groups

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, depending on the Basic Service Arrangement or Feature Group and whether the Access y Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

Only certain premises interfaces are available at the customer designated premises. The premises interfaces associated with the Interface Groups may vary among Basic Service Arrangements or Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Basic Service Arrangements or Feature Groups with which they may be used, are set forth in 15.1 following.

#### 15.1.1 Interface Group 1 (USOC TPPIX)

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with ATANEA or FGC and ATAXXX or FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with an Access Trunk Arrangement or FGB, FGC or FGD when the first point of switching provides only four-wire terminations.

The transmission path between the point of termination at the customer designated premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)

15.1 Local Transport Interface Groups (Cont'd)

15.1.6 Interface Group 6 (USOC TPP6X)

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, a DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

(A) (USOC SLKS7)

Interface Group 6, used in conjunction with SS7, provides interconnection for common channel signaling access capability. It is also used in conjunction with 64CCC.

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)

15.1 Local Transport Interface Groups (Cont'd)

15.1.7 Interface Group 7 (USOC TPP7X)

Interface Group 7 provides DS1C level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 48 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

15.1.8 Interface Group 8 (USOC TPP8X)

Interface Group 8 provides DS2 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 6.312 Mbps, with the capability to channelize up to 96 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment in its office to derive up to 96 transmission paths of a frequency bandwidth of

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)

15.1 Local Transport Interface Groups (Cont'd)

15.1.10 Interface Group 10 (USOC TPPAX)

Interface Group 10 provides DS4 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 274.176 Mbps, with the capability to channelize up to 4032 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 4032 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signal in D3/D4 format. The interface is provided with individual transmission path bit stream supervisory signaling.

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)

15.2 Transmission Specifications Switched Access Service (Cont'd)

15.2.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications (Cont'd)

(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's Point of Termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	13 dB	6 dB
POT to End Office		
- Direct	13 dB	6 dB
- Via Access Tandem (for FGB only)	8 dB	4 dB

15.2.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Feature Group arrangements. The specific applications in terms of the Feature Groups with which they are provided are set forth in 6.2.1.(C.), 6.2.2.(C.), 6.2.3.(C.), and 6.2.4.(C.) preceding. Following are descriptions of each.

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)

15.3 Special Access Channel Interface and Network Channel Codes

15.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
-	15G	8-bit PCM encoded in three 64 kbps of the DS1 signal
-	15H	14/11-bit PCM encoded in six 64 kbps of the DS1 signal
-	15J	1.544 Mbps format per PUB 41451
-	15K	1.544 Mbps format per PUB 41451 plus extended framing format
-	15L	1.544 Mbps (DS1) with SF signaling
-	27	274.176 Mbps (DS4)
-	27L	274.176 Mbps (DS4) with SF signaling
-	31	3.152 Mbps (DS1C)
-	31L	3.152 Mbps (DS1C) with SF signaling
-	44	44.736 Mbps (DS3)
-	44L	44.736 Mbps (DS3) with SF signaling
-	63	6.312 Mbps (DS2)
-	63	6.312 Mbps (DS2) with SF signaling
DU -		digital access interface
-	24	2.4 kbps
-	48	4.8 kbps
-	56	56.0 kbps
-	56A	64 kbps
-	96	9.6 kbps
-	A	1.544 Mbps format per PUB 41451
-	B	1.544 Mbps format per PUB 41451 plus D4
-	C	1.544 Mbps format per PUB 41451 plus extended framing format
DX -		duplex signaling interface at customer's point of termination

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes15.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DY -		duplex signaling interface at customer's end user's point of termination
EA -	E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA -	M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB -	E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB -	M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC -		Type III E&M signaling at customer POT
EX -	A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions.
EX -	B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions.
GO -		ground start loop signaling - open end function by customer or customer's end user
GS -		ground start loop signaling - closed end function by customer or customer's end user
LA -		end user loop start loop signaling - Type A OPS registered port open end
LB -		end user loop start loop signaling - Type B OPS registered port open end

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes15.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
LC -		end user loop start loop signaling - Type C OPS registered port open end
LO -		loop start loop signaling - open end function by customer or customer's end user
LR -		20 Hz automatic ringdown interface at customer with Utility provided PLAR
LS -		loop start loop signaling - closed end function by customer or customer's end user
NO -		no signaling interface, transmission only
PG -		program transmission - no dc signaling
-	1	nominal frequency from 50 to 15000 Hz
-	3	nominal frequency from 200 to 3500 Hz
-	5	nominal frequency from 100 to 5000 Hz
-	8	nominal frequency from 50 to 8000 Hz
PR		protective relaying*
RV -	0	reverse battery signaling, one way operation, originate by customer
-	T	reverse battery signaling, one way operation, terminate function by customer or customer's end user
SF -		single frequency signaling with VF band at either customer POT or customer's end user POT
TF -		telephotograph interface

\* Available only for the transmission of audio tone protective relaying signals used in the protection of electric power systems during fault conditions.

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes15.3.4 Service Designator/Network Channel Code Conversion Table  
(Cont'd)

<u>Service Designator</u> Code	<u>Network Channel</u> Code
VGC	LQ
VGW	SE
VG1	LB
VG2	LC
VG3	LD
VG4	LE
VG5	LF
VG6	LG
VG7	LH
VG8	LJ
VG9	LK
VG10	LN
VG11	LP
VG12	LR
APC	PQ
AP1	PE
AP2	PF
AP3	PJ
AP4	PK
TVC	TQ
TV1	TV
TV2	TW
DA1	XA

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)

15.3 Special Access Channel Interface and Network Channel Codes  
(Cont'd)

15.3.5 Compatible Channel Interfaces  
(Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4SF3	2LS2	6DA	4DA2	6DY3	2DY2
	2LS3		6DA2		4DY2
	2RV2-T				6DY2
	4DY2	6DX2	2DY2		6DY3
	4EA2-E		4DY2		
	4EA2-M		4EA2-E	6EA2-E	2AC2
	4GS2				
	4LR2		4EA2-M		2DY2
	4LS2		4SF2		2LA2
	4RV2-T		6DY2		2LB2
	4SF2		6DY3		2LC2
	4SF3		6EA2-E		2L03
	6DY2		6EA2-M		2LS2
	6DY3		6EB2-E		2LS3
	6EB2-E		6EB2-M		2RV2-T
	6EB2-M		8EB2-E		4AC2
	6GS2		8EB2-M		4DY2
	6LS2		9DY2		4EA2-E
	9DY2		9DY3		4EA2-M
	9DY3		9EA2		4LS2
	9EA2		9EA3		4RV2-T
	9EA3				4SF2
		6DY2	2DY2		4SF3
4TF2	2TF2		4DY2		6DY2
	4TF2		6DY2		6DY3
					6EA2-E
					6EA2-M

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15. Interface Groups, Transmission Specifications and Channel Interfaces  
(Cont'd)

15.3 Special Access Channel Interface and Network Channel Codes  
(Cont'd)

15.3.5 Compatible Channel Interfaces  
(Cont'd)

(E) Video

	<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
2TV6-1	4TV6-15 4TV7-15	4TV6-5	4TV6-5 4TV7-5	6TV6-5	6TV6-5 6TV7-5	
2TV6-2	6TV6-15 6TV7-15	4TV6-15	4TV6-15 4TV7-15	6TV6-15	6TV6-15 6TV7-15	
2TV7-1	4TV6-15 4TV7-15	4TV7-5	4TV6-5 4TV7-5	6TV7-5	6TV6-5 6TV7-5	
2TV7-2	6TV6-15 6TV7-15	4TV7-15 4TV7-15	4TV6-15	6TV7-15 6TV7-15	6TV6-15	

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18. Expanded Interconnection Service (Cont'd)18.2 Physical Expanded Interconnection Service (Cont'd)(A) Interconnection Chamber and Occupancy Provisions (Cont'd)(12) Additional Space and Efficient Use of Space (Cont'd)

- (c) For purposes of this arrangement, "efficiently used" shall mean that substantially all of the floor space is taken up by operating transmission equipment, placed no greater than 20% above the minimum distances permitted by NEBS. The determination as to whether or not this criterion is met is solely within the reasonable judgment of Telephone Company.
  - (d) After additional space is granted, the Interconnector must continue to "efficiently use" all previously occupied Interconnection Chamber space.
- (13) In the event of catastrophic loss, resulting in damages to the central office and the customer's Interconnection Chamber, the Telephone Company will work cooperatively with the customer to notify them of the Company's plans to rebuild and/or repair physical collocation space as soon as is practicable.
- (14) If at any time it becomes necessary for the Telephone Company to relocate the customer's Interconnection Chamber, the Company will make all reasonable efforts to minimize disruption of the customer's services. Reasons for relocation could include, but are not limited to unexpected growth, technological or regulatory changes, or other developments that are inherently unforeseeable. If it becomes necessary for the Company to relocate the customer to either a central office at a new location or to a new location within the current central office for reasons other than an immediate emergency, the Company will provide the customer with at least 180 days advance written notice.

Nevada Bell's filing of this tariff page does not constitute a waiver of the Company's right to appeal any issue arising from the FCC's Second Report and Order in CC Docket No. 93-162, FCC 97-208.

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18. Expanded Interconnection Service (Cont'd)18.7 Obligations of the Customer (Cont'd)

The EIS customer will be responsible for obtaining and maintaining appropriate insurance coverage, including fire, theft, and liability as set forth in 18.5(B)

The EIS customer will obtain and pay for all necessary licenses and permits required in connection with its use of the Interconnection Chamber (IC) and any improvements constructed thereon by the Interconnector. Any use of the Interconnection Chamber which requires the Interconnector to modify or upgrade its IC pursuant to fire codes or regulation, or the Americans with Disabilities Act shall be at the sole cost and expense of the EIS customer.

The EIS customer will provide access to its floor space at all times to allow the Telephone Company to react to emergencies, to maintain the building operating systems (when applicable), and to ensure compliance with OSHA, Telephone Company, and other rules, regulations, and standards related to fire, safety, health, and environmental safeguards.

Interconnector's personnel are required to exhibit distinct identification credentials to gain access to Interconnection Chamber or the Premises. Personnel without proper identification will be refused access.

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18. Expanded Interconnection Service (Cont'd)18.8 Rate Regulations

This Section contains the specific regulations governing the rates and charges that apply for Expanded Interconnection Service.

(A) General

An interconnecting customer who fails to pay any of the charges associated with EIS is subject to the provisions set forth in the written Agreement.

Credit Allowances for Service Interruptions will be those as set forth in Section 2.4.4 preceding.

(B) The following apply to the EIS Channel Termination:

The occupant of the Interconnection Chamber will be billed for the EIS Channel Termination.

Service rearrangements are changes to existing (installed) services which may be administrative only in nature or involve a physical change to the service as set forth in 7.2.2. preceding.

Changes to Pending Orders are covered in Section 5.2.2 preceding.

Changes in types of service will be treated as a discontinuance of the existing service and an installation of the new service.

(C) The following apply to the Interconnection Chamber:

Requests for relocation of the point of termination from one Interconnection Chamber to a different Interconnection Chamber will be handled on an individual case basis.

Requests for expansion of customer existing floor space within a specific office will be treated as a new application.

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18. Expanded Interconnection Service (Cont'd)

18.8 Rate Regulations (Cont'd)

18.8.2 Rates and Charges

The following rates and charges apply for Expanded Interconnection Service.

Monthly Nonrecurring  
USOC Rate            Charge

Interconnection Chamber  
per 100 SQ FT.

RENONV02	None	\$ 9,714.47
RENONV13	None	4,857.23
RENONV14	None	16,290.50
CRCYNV01	None	4,857.23
SPRKNV11	None	14,032.32

Floor Space  
per 100 SQ FT.

RENONV02	\$693.64	None
RENONV13	791.90	None
RENONV14	527.33	None
CRCYNV01	674.53	None
SPRKNV11	363.13	None

Power

preferred DC.  
Per 10 AMP -48 volt circuit

\$200.91            0.00

Nevada Bell's filing of this tariff page does not constitute a waiver of the Company's right to appeal any issue arising from the FCC's Second Report and Order in CC Docket No. 93-162, FCC 97-208.

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