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A21. RESOLD FOREIGN EXCHANGE SERVICE

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A21. RESOLD FOREIGN EXCHANGE SERVICE

A21.1 General (Cont'd)

A21.1.2 Special Facilities Routing

A Reseller may request that the facilities used to provide Resold Foreign Exchange Service be specially routed. The *terms*, *conditions*, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable Only) are set forth in E11. of the Company's Access Service Tariff.

A21.1.3 Design Layout Report

- **A.** At the request of a Reseller the Company will provide to the Reseller the makeup of the facilities and services provided under this *Guidebook* as Resold Foreign Exchange Service to aid the Reseller in designing its overall service. This information will be provided in the form of a Design Layout Report.
- **B.** The Design Layout Report will be provided to the Reseller at no charge, and will be reissued or updated whenever these facilities are materially changed.

A21.1.4 Acceptance Testing

- **A.** At no additional charge, the Company will, at the Reseller's request, cooperatively test, at the time of installation, the following parameters:
 - Loss,
 - C-Notched noise
 - C-Message noise,
 - Three-Tone Slope,
 - DC Continuity,
 - Operational Signaling, and
 - Balance¹ (equal level echo path loss)

A21.1.5 Ordering Options and Conditions

A. Resold Foreign Exchange Service is ordered under the Access Order provisions set forth in E5. of the Company's Access Service Tariff. Also, included in that section are other charges which may be associated with ordering Resold Foreign Exchange Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

A21.2 Provision and Description of Resold Foreign Exchange Service

The provision of Resold Foreign Exchange Service requires Local Transport facilities and the appropriate End Office functions.

There are two specific transmission specifications (i.e., Types B and C) that have been identified for the provision of Resold Foreign Exchange Service. The specific specifications provided are dependent on the Interface Group. The parameters for the transmission specifications are set forth in A21.4.1. following.

Note 1: This test may also be performed when the Local Transport is provided with a Type 2 Interface (Groups 2 through 10) and the Transport Termination is two-wire (i.e., a four-wire to two-wire conversion in Local Transport).

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A21. RESOLD FOREIGN EXCHANGE SERVICE

A21.2 Provision and Description of Resold Foreign Exchange Service (Cont'd)

A21.2.1 Resold Foreign Exchange Service (Cont'd)

- A. Description (Cont'd)
 - 7. Resold Foreign Exchange Service switching in providing MTS/WATS like service, and used in the terminating direction, may be used to access valid NXXs in the Local Calling Area, local operator service (O- and O+) Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Company, community information services of an information service provider, and other Reseller's services (by dialing the appropriate digits). Charges for Resold Foreign Exchange Service terminating calls requiring operator assistance on calls to 611 or 911 will only apply where sufficient call details are available. Additional charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the *General Exchange Guidebook*, for local operator assistance (0- and 0+) calls; (2) calls to certain community information services, for which rates are applicable under *the General Exchange Guidebook*, e.g., DIAL-IT Network Services; and (3) calls from a Resold Foreign Exchange Service line to another Reseller's service in accordance with that Reseller's applicable service rates when the Company performs the billing for that Reseller. For calls to Directory Assistance (411 where available and 555-1212), Local Transport rates for Resold Foreign Exchange Service will not apply. Instead, Local Transport for calls to this service is subject to a per call rate as set forth in E9.5.2 of the Company's Access Service Tariff. Additionally, calls to Directory Assistance are subject to the Directory Assistance Service Call rate as set forth in E9.5.2 of the Company's Access Service Tariff.
 - 8. When a Resold Foreign Exchange Service for an individual Reseller (a single line or entire hunt group) is discontinued at an end office, 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. Hunt Group Arrangement
 - b. Uniform Call Distribution Arrangement
 - c. Nonhunting Number for use with Hunt Group Arrangement or U.C.D. Arrangement
 - d. Call Denial
 - e. Service Code Denial
- 2. Transport Termination Optional Features
 - a. Two-way operation with dial pulse address signaling and loop start supervisory signaling
 - b. Two-way operation with dial pulse address signaling and ground start supervisory signaling
 - c. Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling
 - d. Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling
 - e. Terminating operation with dial pulse address signaling and loop start supervisory signaling
 - f. Terminating operation with dial pulse address signaling and ground start supervisory signaling

A21. RESOLD FOREIGN EXCHANGE SERVICE

A21.2 Provision and Description of Resold Foreign Exchange Service (Cont'd)

A21.2.1 Resold Foreign Exchange Service (Cont'd)

- **B.** Optional Features (Cont'd)
 - 2. Transport Termination Optional Features (Cont'd)
 - g. Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
 - h. Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
 - i. Originating operation with loop start supervisory signaling
 - j. Originating operation with ground start supervisory signaling
 - 3. Local Transport Optional Features
 - a. Supervisory Signaling
 - b. Reseller Specified Entry Switch Receive Level
 - 4. Certain other features which may be available in connection with Resold Foreign Exchange Service are provided under the Company's *General Exchange Guidebook*. Examples are:
 - a. Speed Calling
 - b. Remote Call Forwarding
 - c. IntraLATA extensions
- C. Transmission Specifications

Resold Foreign Exchange Service is provided with either Type B or Type C Transmission specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission specifications is provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with Resold Foreign Exchange Service to the first point of switching.

D. Testing Capabilities

Resold Foreign Exchange Service is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in A21.1.4 preceding which are included with the installation of service, Additional Cooperative Acceptance Testing and Non-Scheduled Testing will be provided as set forth in E13. of the Company's Access Service Tariff.

A21. RESOLD FOREIGN EXCHANGE SERVICE

A21.5 Obligations of the Company

In addition to the obligations of the Company set forth in E2. of the Company's Access Service Tariff, the Company has certain other obligations pertaining only to the provision of Resold Foreign Exchange Service. These obligations are as follows:

A21.5.1 Network Management

The Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Company's network services. Generally, service levels are considered acceptable only when both end users and Resellers are able to establish connections with little or no delay encountered within the Company network. The 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 Reseller's Resold Foreign Exchange Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Company or Reseller facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Company result in the complete loss of service by the Reseller, the Reseller will be granted a Credit Allowance for Service Interruption as set forth in A2.4.4, preceding.

A21.5.2 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Company through its own service evaluation routines, may also be made available to the Reseller based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., Reseller equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other *guidebook* sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

A21.5.3 Trunk Group Measurements Reports

Subject to availability, the Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the Reseller based on previously agreed to intervals.

A21.5.4 Determination of Number of Transmission Paths

For Resold Foreign Exchange Service, which is ordered on a per line basis, the Reseller specifies the number of transmission paths in the order for service.

A21.5.5 Determination of Number of End Office Transport Terminations

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

A21. RESOLD FOREIGN EXCHANGE SERVICE

A21.6 Obligations of the Reseller

In addition to the obligations of the Reseller set forth in E2. of the Company's Access Service Tariff, the Reseller has certain specific obligations pertaining to the use of Resold Foreign Exchange Service. These obligations are as follows:

A21.6.1 Report Requirements

- A. Resellers are responsible for providing the following reports to the Company, when applicable.
 - Code Screening Reports

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

A21.6.2 Supervisory Signaling

The Reseller's facilities shall provide the necessary on- and off-hook, answer, and disconnect supervision.

A21.6.3 Trunk Group Measurements Report

With the agreement of the Reseller, trunk group data in the form of usage in CCS, peg count and overflow for its end of all trunk groups, where technologically feasible, will be made available to the Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

A21.7 Rate Terms and Conditions

This section contains the specific *terms and conditions* governing the rates and charges that apply for Resold Foreign Exchange Service.

A21.7.1 Description and Application of Rates and Charges

- **A.** There are two types of rates and charges that apply to Resold Foreign Exchange Service. These are usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements.
 - 1. Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per minute of use basis and are accumulated over a monthly period.

2. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Resold Foreign Exchange Service are:

a. Installation of Service

Nonrecurring charges apply to each service installed.

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A21. RESOLD FOREIGN EXCHANGE SERVICE

A21.7 Rate Terms and Conditions (Cont'd)

A21.7.1 Description and Application of Rates and Charges (Cont'd)

A. (Cont'd)

- 2. Nonrecurring Charges (Cont'd)
 - b. Service Rearrangements

All changes to existing services other than changes involving administrative activities only will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in a. preceding will apply for this work activity. Moves that change the physical location of the point of termination are described and charged for as set forth in A21.7.5 following.

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

- Change of Reseller's name,
- Change of Reseller's or Reseller'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 agency authorization,
- Change of Reseller's circuit identification,
- Change of billing account number,
- Change of Reseller's test line number,
- Change of Reseller's or Reseller's end user contact name or telephone number, and
- Change of jurisdiction.

A21.7.2 Minimum Periods

Resold Foreign Exchange Service is provided for a minimum period of one month.

A21.7.3 Minimum Monthly Charge

- **A.** Resold Foreign Exchange Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:
- **B.** The minimum monthly charge for the Local Switching, Line Termination, and Intercept rate elements is the charge as set forth in A21.8.2 following for the actual or assumed usage for the month.
- C. For the Local Transport rate element, the minimum monthly charge is assessed in terms of a Minimum Monthly Usage Charge (MMUC). If the actual Local Transport usage charge for the month is higher than the MMUC, the Reseller pays the actual usage charge. If the Local Transport usage charge is lower than the MMUC, the Reseller pays the MMUC. The MMUC is determined as set forth in A21.7.4. following. Rates for actual usage are set forth in A21.8.1.A. following.

A21. RESOLD FOREIGN EXCHANGE SERVICE

A21.7 Rate Terms and Conditions (Cont'd)

A21.7.4 Minimum Monthly Usage Charge (MMUC)

A. The Minimum Monthly Usage Charge (the minimum transport charge) varies by mileage band and capacity.

The MMUC is as follows:

Mileage Bands	Minimum Transport Charge per BHMC ¹
0 to 1	\$0.4275
Over 1 to 8	\$0.9075
Over 8 to 16	\$1.0125
Over 16 to 25	\$1.0875
Over 25 to 50	\$1.7250
Over 50 to 100	\$2.4600
Over 100	\$3.6825

- **B.** For Resold Foreign Exchange Service, the MMUC will be billed to the Reseller at the line hunt group level or other level of account based on the assumed 30 BHMCs per line.
- C. The Minimum Monthly Usage Charge is not applied to Company assumed average minutes of use for Resold Foreign Exchange Service for which measurement capabilities do not exist. In these cases, the Reseller will always be billed for the assumed average minutes of use.
- **D.** For Resold Foreign Exchange Service, the MMUC will be computed using the mileage band in which the airline distance between the first point of switching and the Reseller's serving wire center.

A21.7.5 Moves

- **A.** A move involves a change in the physical location of one of the following:
 - 1. The point of interface at the Reseller's terminal location.
 - 2. The Reseller's terminal location
- **B.** The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.
 - 1. Moves Within the Same Building
 - When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring charge for the capacity affected. There will be no change in the minimum period requirements.
 - 2. Moves to a Different Building
 - Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The Reseller will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

Note 1: BHMC is the busy hour minutes of capacity provided to the end office. For Resold Foreign Exchange Service, the MMUC is based on an assumed 30 BHMC per line or trunk.

A21. RESOLD FOREIGN EXCHANGE SERVICE

A21.7 Rate Terms and Conditions (Cont'd)

A21.7.6 Measuring Minutes of Use

- A. Reseller traffic to end offices will be measured (i.e., recorded or assumed) by the Company at end office switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Company to determine the basis for computing chargeable minutes of use.
- B. Resold Foreign Exchange Service Usage Measurement
 - 1. The assumed average access minutes used for usage rated services originating or terminating in end offices where measurement capability is not available are as follows:
 - a. When Resold Foreign Exchange Service is provided where neither the originating or terminating minutes are measured, the assumed average minutes of use for each service is 9000.
 - b. When originating use only or terminating use only Foreign Exchange Service is provided and minutes cannot be measured, the assumed average minutes of use for each service is 9000.
 - c. When Resold Foreign Exchange Service is provided for both originating and terminating use and only one direction can be measured (either originating or terminating), the assumed average minutes of use for the direction which cannot be measured is 4500.
 - 2. For originating calls over Resold Foreign Exchange Service, usage measurement begins when the originating Resold Foreign Exchange Service entry switch receives an off-hook supervisory signal forwarded from the Reseller terminal location.
 - 3. The measurement of originating call usage over Resold Foreign Exchange Service ends when the originating Resold Foreign Exchange Service entry switch receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the Reseller terminal location, whichever is recognized first by the entry switch.
 - 4. For terminating calls over Resold Foreign Exchange Service, usage measurement begins when the terminating Resold Foreign Exchange Service entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over Resold Foreign Exchange Service ends when the terminating Resold Foreign Exchange Service entry switch receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the Reseller's terminal location, whichever is recognized first by the entry switch.

A21.7.7 Application of Rates for Resold Foreign Exchange Service Extension Service

Resold Foreign Exchange Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same Local Calling Area. These are provided and charged for under the Company's *General Exchange Guidebook*.

A21.7.8 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Resold Foreign Exchange Service are subject to *the* Company's *General Exchange Guidebook* charges (including message unit and toll charges as applicable), as well as any other applicable charges. The monthly bills rendered to Resellers for their Resold Foreign Exchange Service will include a credit to reflect any message unit charges collected from their end users under the Company's *General Exchange Guidebook*.

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A21. RESOLD FOREIGN EXCHANGE SERVICE

A21.7 Rate Terms and Conditions (Cont'd)

A21.7.9 Local Information Delivery Services

Calls over Resold Foreign Exchange Service in the terminating direction to certain community information services will be rated under the applicable rates for Resold Foreign Exchange Service as set forth in A21.8. following. In addition, the charges per call, as specified in the Company's *General Exchange Guidebook*, e.g., DIAL-IT Network Services, will also apply.

A21.7.10 Mileage Measurement

- A. The mileage to be used to determine the monthly rate for the Local Transport is calculated on the airline distance between the end office switch where the call carried by Local Transport originates or terminates and the Reseller's serving wire center. The V&H coordinates method is used to determine mileage. This method is set forth in E10. of the Company's Access Service Tariff. The serving wire center V&H coordinates are also contained in that section.
- **B.** Mileage is shown in A21.8.1 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, then find the band into which the computed mileage falls and apply the rate shown for that band. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band.

A21.7.11 Shared Use

Shared use occurs when Resold Foreign Exchange Service and Special Access Service is provided over the same analog or digital high capacity facilities through a common interface. This sharing arrangement is available only for existing services. The Special Access portion of the shared facilities will be billed at individual service rates (i.e., Voice Grade, Program Audio or Digital Data). No multiplexing charge will apply.

A21.8 Rates and Charges

A21.8.1 Local Transport

- A. Call Miles
 - 1. Usage Rate

		Per Minute		
		Of Use	USOC	
(a)	0 to 1	\$.0057	NA	
(b)	Over 1 to 8	.0121	NA	
(c)	Over 8 to 16	.0135	NA	
(d)	Over 16 to 25	.0145	NA	
(e)	Over 25 to 50	.0230	NA	
(f)	Over 50 to 100	.0328	NA	
(g)	Over 100	.0491	NA	

Rate

- B. Installation
 - Nonrecurring Charge

		Rate	USOC
(a)	Per Line	\$462.00	NA

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A23. SHARING AND RESALE OF EXCHANGE SERVICE

A23.1 Sharing and Resale of Basic Local Exchange Service

A23.1.1 General

A. In general, basic local exchange service as set forth in Section A2. is furnished for the exclusive use of the subscriber, employees, agents, representatives or members of the subscriber's domestic establishment. Resale of basic local exchange service is permitted only under specific conditions as described in this *Guidebook*. For the purpose of this section "sharing" of basic local exchange service is considered to be synonymous with "resale" of basic local exchange service.

A23.1.2 Conditions for Resale

- A. Resale is permitted where facilities permit and within the confines of specifically identified continuous property areas under the control of a single owner or ownership unit. Areas designated for resale may be intersected or transversed by public thoroughfares provided that the adjacent property segments created by intersecting or transversing thoroughfares would be continuous in the absence of the thoroughfare. The designated resale service area must be wholly within the confines of existing wire centers and/or exchange boundaries.
- **B.** Customers desiring to resell or share Company provided local exchange services must provide the Company with a written description of the project's intended size and scope along with layout maps defining the resale service area and an anticipated development plan in terms of new building construction and/or projected growth.
- C. Resale configurations may not exceed a combined total of 500 PBX trunks (Inward, Outward and/or Two-Way configurations).
- **D.** The Company maintains the right to serve directly any subscriber, within the identified resale service area. When a reseller client requests service from the Company as well as from the reseller, the Company will only provide usage rate exchange access lines to the reseller client.
- E. In order to fulfill the Company's obligation to provide local exchange service to the premises of all customer entities within a franchised area, including individual subscribers within a resale area, the Company generally installs and maintains its own facilities within the resale service area to reach the premises of each individual subscriber. At the Company's option, in lieu of Company-owned facilities, the Company may choose to utilize privately-owned distribution facilities, including purchasing or leasing such facilities from the customer. Resale service will only be established if such access is provided to the Company.
- **F.** Intercom calling between reseller clients located within an identified resale service area is permitted to the extent that such calling is privately beneficial without being publicly detrimental.
- **G.** Within a LATA, interconnection of a resale service area to any other resale service area is not permitted for resale or sharing purposes. Individual tie lines or private lines are restricted to the private use of a single subscriber or resale client and cannot be used to access Local Exchange Service.
- H. Exchange access lines to the reseller are limited to exchange sharing and resale trunks as specified in Section A3.
- I. All rates and charges in connection with the resale operation and all repairs and rearrangements behind and including the resellers communication switch will be the responsibility of the customer of record and is not regulated by the South Carolina Public Service Commission. The reseller will be the single point of contact for all resale client services provided in connection with the Sharing and Resale of Basic Local Exchange Service.
- **J.** A combination of flat and usage rate service is available where the flat rate service is used exclusively by the Sharing and Resale of Basic Exchange Service management. Flat rate service for management use may not be used by reseller clients.

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A23. SHARING AND RESALE OF EXCHANGE SERVICE

A23.1 Sharing and Resale of Basic Local Exchange Service (Cont'd)

A23.1.3 Rates and Charges

- A. The following rates and charges apply for Sharing and Resale of Basic Local Exchange Service.
 - 1. Exchange Sharing and Resale Trunks Message Rate
 - See rates and charges as specified in A3.2.4.B.2. (T)
 - 2. Exchange Sharing and Resale Trunks-Area Plus service See rates and charges as specified in A3.2.4.B.2.
 - See rates and charges as specified in A3.2.4.B.2. (T)

 3. Exchange Sharing and Resale Management Use Trunks-Flat Rate
 - See rates and charges as specified in A3.2.1.B.13.a. and b.

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A23. SHARING AND RESALE OF EXCHANGE SERVICE

A23.1 Sharing and Resale of Basic Local Exchange Service (Cont'd)

A23.1.3 Rates and Charges (Cont'd)

- A. The following rates and charges apply for Sharing and Resale of Basic Local Exchange Service. (Cont'd)
 - Rates and charges for Direct Inward Dialing (DID) and other associated services apply as specified in other sections of this Guidebook.

5. Service charges as specified in Section A4. apply as appropriate.

6. Reseller client listing provides one listing in the alphabetical section of the directory. The reseller client listing charge will date from the date the Company's directory assistance records are posted and is payable monthly in advance. The minimum chargeable period for the reseller client listing is for the life of the directory issue in which the listing first appears, not to exceed one year from the effective date of the listing. In the event the reseller client listing does not appear in the directory, the minimum chargeable period is for one month.

		Monthly		
		Rate	USOC	
(a)	Per Business Client	\$1.20	BS6	
(b)	Per Residence Client	1.20	RS6	

- 7. Charges for additional or miscellaneous listings apply at the standard guidebook rate as specified in Section A6.
- 8. Administrative Charge

Nonrecurring
Charge USOC

(a) Service Establishment Charge \$300.00 NA

A23.1.4 Definitions

A. Customer of Record

Person, corporation or authorized representative responsible for placing application for service; requesting additions, rearrangements, maintenance or discontinuances of service; payment in full of charges incurred such as Toll, Directory Assistance, etc.; providing legal description of Resale Service Areas to the Company.

B. Reseller Client

As used in this Section, refers to a customer located within a resale service area served directly by the Sharing and Resale Customer of Record

C. Resale Service Area

Area within which a reseller offers local exchange telecommunications service.

D. Reseller

A customer who offers shared or resold Company exchange service within a resale service area.

A24. EMERGENCY REPORTING SERVICES

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A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911

A24.1.1 General (Basic and Enhanced 911)

- **A.** When requested by local government authorities, and subject to the availability of facilities, the Company will provide a universal emergency number 911 for use of Public Safety Answering Points (PSAPs) engaged in assisting local governments in the protection and safety of the general public.
- **B.** Two types of service are offered, Basic 911 and Enhanced 911 Service (E911). Selection of the appropriate service to serve various customers will be made by the Company and the customer and will be based on a thorough analysis of customer needs at each location and on availability of facilities in each area.
- **C.** Terminal equipment will be provided by the Company for 911 Service. Where not specifically itemized in this *Guidebook*, said equipment including rearrangements, moves or changes will be provided at rates and charges based on costs.
- D. At the request of any county, municipality or political subdivision (user) subscribing to 911 Service the Company will spread the payment of the applicable nonrecurring charges for the initial provision or subsequent addition of 911 Service and/or equipment in equal installments, where possible, which shall include all reasonable costs associated therewith, over a period not to exceed 18 months. In addition, at the request of such user, the Company will begin billing these nonrecurring charges in advance of installation pro rata to the local exchange subscribers served by the 911 Service on an individual exchange line basis at a rate not less than \$.25 per month per line (up to a maximum of 25 exchange lines per account).
- E. Further, at the request of such user, the Company will also bill recurring charges for said 911 Service and/or equipment pro rata to the local exchange subscribers served by the 911 Service on an exchange line basis (up to a maximum of 25 exchange lines per account). Such charges shall also include all reasonable costs associated therewith.

A24.1.2 Terms and Conditions

A. 911 service is provided by the Company where facility and operating conditions permit.

- **B.** This offering is limited to the use of central office number 911 as the universal emergency telephone number. Only one 911 service will be provided within any governmental agency's locality.
- C. The 911 emergency telephone number is not intended to replace the telephone service of the various public safety agencies which may participate in the use of this number. The customer must subscribe for additional local exchange service at the PSAPs for administrative purposes, for placing of outgoing calls, and for receiving other emergency calls, including any which might be relayed by Company operators.
- **D.** The service is furnished to municipalities and other governmental agencies only for the purpose of receiving reports of emergencies by the public.

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A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.2 Terms and Conditions (Cont'd)

number of access lines affected.

- When the use of service or facilities furnished by the Company is interrupted due to any cause other than the negligence or willful act of the subscriber or the failure of the facilities provided by the subscriber, a pro rata adjustment of the fixed monthly charges involved will be allowed as covered by Section A2. Where allowances on monthly charges for Service Features of E911 Service are involved, only those Service Features which are affected by the interrupted service shall be considered; and, further, only those access lines on the interrupted portion of a service shall be considered in determining the
- **F.** It will be the intent of the Company to provide facilities designed to provide a call blocking probability of one call per hundred during normal busy hours for 911 service.
- G. This service is offered solely as an aid in handling assistance calls in connection with fire, police and other emergencies and does not create any relationship or obligation, direct or indirect, to any person other than the customer contracting for 911 service. In the event of any interruption of the service, the company shall not be liable to any person, corporation or other entity for any loss or damage in an amount greater than an amount equal to the pro rata allowance of the guidebook rate for the service or facilities provided to the customer for the time such interruption continues, after notice to the Company. No allowance shall be made if the interruption is due to the negligence or willful act of the customer of the service.
 - Further, each customer agrees to release, indemnify, defend and hold harmless the Company from any and all loss, claims, demands, suits or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or by any other party or person, for any personal injury to or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by the customer or others, or for any infringement or invasion of the right of privacy of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of 911 service features and the equipment associated therewith, or by any services which are or may be furnished by the Company in connection therewith, including, but not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing 911 services hereunder, and which arise out of the negligence or other wrongful act of the Company, the customer, its user agencies or municipalities or employees or agents of any one of them.
- H. When an order for 911 service and facilities or requests for additions, rearrangements, relocations or modifications of service and equipment are cancelled in whole or in part prior to completion of the work involved, the customer is required to reimburse the Company for all expenses incurred in handling the request before notice of cancellation is received. Such charges, however, are not to exceed all charges which would apply if the work involved in complying with the request had been completed.

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A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.2 Terms and Conditions (Cont'd)

- I. Application for E911 Service must be executed in writing by each customer. If application for service is made by an agent, the Company must be provided in writing with satisfactory proof of appointment of the agent by the customer. A negotiated date will be agreed upon with the customer. Should the customer choose to delay the original cut date by more than three months and the system is available for cut, installation charges may be charged effective with the originally scheduled date. Further, the cut date will be renegotiated so as not to interrupt other scheduled cutovers. At least one local law enforcement agency must be included among the participating agencies in any 911 offering.
- J. The customer must furnish the Company, in writing, with its agreement to the following terms and conditions:
 - 1. That at least one PSAP will be provided and staffed on a 24-hour, seven days per week basis.
 - 2. That the customer accepts responsibility for dispatching, or having others dispatch police, fire, ambulance or other emergency services as required, to the extent as such services are reasonably available.
 - 3. That the customer will develop an appropriate method for responding to calls for nonparticipating agencies which may be directed to the 911 PSAP by calling parties.
 - 4. That the customer will subscribe to, or provide, telephone equipment with a capacity adequate to handle the number of incoming 911 lines recommended by the Company to be installed. (Applies to E911 Service only).
 - That the customer will subscribe to local exchange service at the PSAP location for administrative purposes, for placing outgoing calls, and for receiving other calls.

K. (DELETED)

- L. Temporary suspension of service is not provided for any part of the 911 Service.
- **M.** The rates charged for 911 Service do not contemplate the constant monitoring or inspection of facilities to discover errors, defects and malfunctions in the service, nor does the Company undertake such responsibility. The customer shall make such operational tests as, in the judgement of the customer, are required to determine whether the system is functioning properly for its use. The customer shall promptly notify the Company in the event the system is not functioning properly.
- N. Company serving boundaries and political subdivision boundaries may not coincide. If a central office serves telephones located both within and outside the customer's public safety jurisdiction, it is the obligation of the customer to make arrangements to handle all 911 calls that originate from telephones served by these central offices.

A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.2 Terms and Conditions (Cont'd)

- **O.** The Company does not undertake to answer and forward 911 calls, but furnishes the use of its facilities to enable the customer's personnel to respond to such calls on the customer's premises.
- P. E911 information consisting of the names, addresses and telephone numbers of customers whose listings are not published in directories or listed in Directory Assistance Offices is confidential. Information will be provided on a call-by-call basis only for the purpose of responding to emergency calls. The E911 calling party forfeits the privacy afforded by private and semiprivate telephone number service to the extent that the telephone number, address and name associated with the originating station location are furnished to the PSAP.
- **Q.** Hardware and the unique associated software that provide the Automatic Number and Automatic Location Identification (ANI/ALI) may be provided by the Company for 911 Service. Said equipment, including rearrangements, moves or changes, will be provided at special assembly rates and charges.
- **R.** Customer premises equipment located on *customer* premises such as station sets, printers, computer aided dispatch (CAD) or any other equipment peripheral to the ANI/ALI hardware can be provided by the Company for 911 service. If the Company is asked to provide said equipment including rearrangements, moves or changes, it will be provided at special assembly rates and charges.
- S. Any customer premises equipment used in connection with E911 Service, whether such equipment is provided by the Company or the customer, shall be configured so that it is unable to extract any information from the Data Management System other than information relating to a number (identified through the Automatic Number Identification feature as the source) of an in progress 911 call.
- T. (DELETED)
- U. When the Selective Routing feature is provided, the customer is responsible for identifying primary and secondary PSAP locations as well as the unique combinations of police, fire and emergency medical or any other appropriate agencies responsible for providing emergency service in the E911 serving area. An Emergency Service Number (ESN) will be provided for each unique combination by the Company. The customer will associate these ESNs with street address ranges or other mutually agreed upon routing criteria in the E911 serving area. The ESNs will be carried in the Data Management System (DMS) to permit routing of 911 calls to the primary and secondary PSAPs responsible for handling of calls from each telephone in the E911 serving area. The following terms define the customer's responsibility in providing this information:
 - Initial and subsequent ESN assignments by street name, address range and area or other mutually agreed upon routing
 criteria shall be furnished by the customer to the Company by a mutually agreed upon date prior to the effective date of
 service.
 - 2. After establishment of service, it is the customer's responsibility to continue to verify the accuracy of the routing information contained in the master address file, and to advise the Company of any changes in street names, establishment of new streets, changes in address numbers used on existing streets, closing and abandonment of streets, changes in police, fire, emergency medical or other appropriate agencies' jurisdiction over any address, annexations and other changes in municipal and county boundaries, incorporation of new cities or any other matter that will affect the routing of E911 calls to the proper PSAP.
 - 3. The Company will provide to the customer on request a complete written copy of the master address file to permit customer to verify accuracy of the police, fire, and emergency medical PSAP routing designations.
 - Changes, deletions and additions which the customer desires to have made in the master address file should be submitted
 on an "as occurred" basis.

A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.2 Terms and Conditions (Cont'd)

- U. (Cont'd)
 - 5. The Company will furnish a written copy of the transaction to the customer for verification showing each change, deletion and addition to the master address file.
 - 6. Miscellaneous tie lines, private lines, extension lines and other such channels connecting a PSAP to various agencies such as police, fire or emergency medical services, are provided at *guidebook* rates for such channels and facilities as specified in this and other appropriate *guidebooks*.
- V. Emergency Service Numbers (ESNs) are only available as part of the Selective Routing feature. Single and Multi-PSAP customers who desire to use ESNs for administrative purposes may do so as long as they subscribe to Selective Routing. Administrative ESNs can only be used to identify a unique set of responding agencies. For the purposes of this *Guidebook*, a responding agency is defined as a municipality's police, fire, emergency medical service, or other appropriate agency. Calls will not be routed to specific precincts, fire stations, emergency medical zones, etc.
- **W.** The Company's entire liability to any person for interruption or failure of E911 Service shall be limited to the terms set forth in this Section and other Sections of this *Guidebook*.
- X. General *Terms and Conditions* located in Section A2. will also apply to this service offering.
- Y. Where a 911 call is placed by the calling party via interconnection with an interexchange carrier, the Company cannot guarantee the completion of said 911 call, the quality of the call or any features that may otherwise be provided with 911 Service.
- **Z.** The following terms define the customer's responsibilities with respect to any information provided by the Company to the customer concerning the Company's subscribers and/or with respect to geographical information or maps:
 - 1. Such information shall be used by the customer solely for the purpose of aiding the customer in more accurately identifying, updating and/or verifying the addresses of subscribers within the customer's E911 serving areas in connection with the customer's provision of E911 services.
 - Customer shall strictly limit access to the information to those authorized employees of the customer with a need to know and those employees actually engaged in the provision of emergency assistance services.
 - 3. Customer shall use due care in providing for the security and confidentiality of the information.
 - 4. Customer shall make no copies of the information except as may be essential for the verification of emergency assistance services
 - 5. As soon as customer has completed using the information for the purposes authorized in the *Guidebook* or upon the request of the Company, customer shall return all information and all copies of information to the Company or certify that the information has been destroyed.

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A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.3 Basic Universal Emergency Number Service

A. Definition Of Service

A Basic 911 (B911) system includes the Company provision of the 911 code or the opening of this code to the exchange network in those central offices that fall within the boundaries of the municipalities or other governmental bodies (township, county, etc.) that subscribe for B911 service. The other components of a B911 system include the customer-provided station equipment at the PSAP and the one-way incoming 911 exchange lines. Basic 911 Service is classified as Business Exchange Service and is arranged for one-way incoming service to the appropriate PSAP. Basic 911 cannot be provisioned with any Caller ID service arrangements.

B. (DELETED)

C. Rates And Charges

1. Messages

The calling party is not charged for calls placed to the 911 emergency number.

2. 911 Exchange Lines

Filed rates as found elsewhere in this *Guidebook*, for PBX trunks, flat or measured rate business Lines as appropriate will apply for 911 exchange lines (answering) that terminate at PSAP's. The monthly rate for the exchange line is the rate applicable for the exchange in which the central office originating the 911 exchange line is located.

Dedicated Facilities

When dedicated-direct arrangements are provided from exchanges or multi-central office exchanges other than that in which the PSAP is located due to the customer's request, or when dedicated direct arrangements are provided from exchanges or multi-central office exchanges that do not have local calling to the exchange in which the PSAP is located, charges for Foreign Exchange or Foreign Central Office Service will apply as specified in Section A9.

A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.3 Basic Universal Emergency Number Service (Cont'd)

- C. Rates And Charges (Cont'd)
 - 4. Inter-Office Lines

Non-dedicated lines required between central offices are provided at no charge when the central offices involved are located in exchanges which have local calling to the exchange in which the PSAP is located.

- 5. PSAP Terminal Equipment
 - Customer-provided equipment furnished to terminate 911 exchange lines at any PSAP will be required to conform to the general provisions set forth in Section A15. and must comply with the Registration Program of the Federal Communications Commission.
- 6. Access to Interexchange Carriers and Company tie lines, private lines, extension lines and other such channels connecting a PSAP to various agencies such as police, fire or ambulance service, are provided at *guidebook* rates for such channels and facilities as specified in this and other appropriate *Guidebooks*.

A24.1.4 Enhanced Universal Emergency Number Service-E911

A. General

- Enhanced Universal Emergency Number Service, also referred to as Enhanced 911 Service or E911, is a telephone
 exchange communication service whereby a Public Safety Answering Point (PSAP) designated by the customer may
 receive telephone calls dialed to the telephone number 911. E911 Service includes lines and equipment necessary for the
 answering, transferring and dispatching of public emergency telephone calls by persons within the serving area who dial
 911.
- 2. The E911 customer may be a municipality or other county or local governmental unit, or an authorized agent of one or more municipalities or other county or local governmental units to whom authority has been lawfully delegated. The customer must be legally authorized to subscribe to the service and have public safety responsibility by law to respond to telephone calls from the public for emergency police, fire and other emergency services within the telephone central office areas arranged for 911 calling.
- 3. Rates and charges for the E911 Service Feature offerings as shown in.D.3. a. following, are based on costs for municipal and/or countywide E911 Systems and are offered on a tiered pricing structure, based on the number of access lines located within the political boundaries served by the customer, except in the case of E911 Systems which may encompass two or more counties. In this case, each county (or subsystem) will be considered as a separate entity for purposes of determining the appropriate pricing tier. E911 Systems which are essentially municipal and/or countywide but have minor overlapping into another county due to community of interest reasons are considered covered by one pricing tier.

B. Definition of Terms

1. Additional E911 Exchange Line

A line terminating at a PSAP that is in addition to those engineered that may be ordered by the customer as an optional feature.

2. Alternate Routing (AR)

A feature provided to allow E911 calls to be routed to a designated alternate location if (l) all E911 exchange lines to the primary PSAP (see definition of PSAP below) are busy, or (2) the primary PSAP closes down for a period (night service). This is a standard feature of E911 Service.

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A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.4 Enhanced Universal Emergency Number Service-E911 (Cont'd)

- **B.** Definition of Terms (Cont'd)
 - 3. Automatic Location Identification (ALI)

A feature by which the name and address associated with the calling party's telephone number (identified by ANI as defined below) is forwarded to the PSAP for display. Telephones associated with a calling party's telephone number but which are physically located elsewhere (off premise extensions, secondary locations, etc.) will also be identified with the same address associated with the calling party's telephone number at the primary location. No ALI data is provided when a call is sent to Default Routing (DR). In the case of 911 calls from the subscribers of wireless carriers that are interconnected to *the* 911 Control Office and primary and or secondary PSAPs equipped with data communications links to *the Company's* ALI database, these Wireless 911 calls shall be delivered with a version of the ALI feature that includes certain carrier identification, cell tower or antenna array descriptive data as agreed to by the customer and the wireless carrier, and the wireless subscriber's call-back number. This information is consistent with the requirements of FCC order 94-102 for Phase I Wireless 911 interconnection. The customer is required to make any changes required in the MSAG needed to accommodate the wireless carrier's loading of their respective Pseudo-ANI (P-ANI) records into *the Company's* 911 database management system when said P-ANI records are associated with towers and/or antennas located in the customer's jurisdiction.

4. Automatic Number Identification (ANI)

A feature by which the calling party's telephone number is forwarded to the E911 Control Office and to the PSAP's ANI/ALI controller.

5. Centralized Automated Message Accounting (CAMA) MF Signaling

A signaling protocol for sending 8 digits of ANI from the 911 tandem to the PSAP.

6. Data Management System (DMS)

A system of manual procedures and computer programs used to create, store and update the data required to provide the Selective Routing (SR) and ALI features.

7. Default Routing (DR)

A feature activated when an incoming E911 call cannot be selectively routed due to an ANI failure, garbled digits or other causes. Such incoming calls are routed from the E911 Control Office to a default PSAP. Each incoming E911 facility group to the Control Office is assigned to a designated default PSAP. This is a standard feature of E911 Service when the service is equipped with Selective Routing. No ANI/ALI data is provided when a call is sent to Default Routing except as noted in 3.

8. Emergency Service Number (ESN)

A number that defines the set of emergency services (e.g. police, fire, emergency medical) within a particular district or zone. An ESN is associated with the primary PSAP and possibly one or more secondary PSAPs.

9. End Office

The Central Office(s) in the E911 System from which E911 calls are originated.

10. Enhanced 911 (E911) Control Office

The office providing tandem switching capability for E911 calls. It controls switching of ANI information to the PSAP and also provides the SR feature, standard ESS Speed Calling features, call transfer capability and certain maintenance functions for each PSAP.

11. Enhanced 911 Service Area

The geographic area in which the customer will respond to all E911 calls and dispatch appropriate emergency assistance.

12. Enhanced MF Signaling (EMFS)

A signaling protocol for sending 10 or 20 digits of ANI from the 911 tandem to the PSAP. EMF Signaling is required when five or more area codes are served by a single 911 tandem.

A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.4 Enhanced Universal Emergency Number Service-E911 (Cont'd)

- C. Service Features (Cont'd)
 - 1. E911 Service is available in four service feature offerings: (Cont'd)
 - d. Automatic Number Identification and Automatic Location Identification (ANI/ALI)¹ Charges are based on the total number of access lines served by the local switching offices equipped for ANI and ALI but not SR.
 - e. Automatic Number Identification, Automatic Location Identification and Selective Routing (ANI/ALI/SR). Charges are based on the total number of access lines to which ANI, ALI and SR apply.
 - 2. The following standard features are included with each of the service offerings:
 - Forced Disconnect
 - Default Routing
 - Alternate Routing (Night Service)²
 - Speed Calling
 - Central Office Transfer Arrangements
 - 3. The service feature offerings include provision of E911 Exchange Lines to all primary PSAPs and to secondary PSAPs that are equipped to display ANI information on Company provided equipment. The number of lines to a PSAP will be determined by the Company based upon anticipated call volumes. Secondary PSAPs that do not meet these specifications will receive calls on a transfer basis over the exchange network or the customer may subscribe to additional E911 Exchange Lines.
 - **Note 1:** When SR is introduced different features may be applied to the SR subsets without being applied to the total access lines served by the local switching office. Thus, where two jurisdictions are served by a local switching office each jurisdiction may select a different feature combination as long as SR is one of the features.
 - **Note 2:** Night service is implemented by employing a private line circuit between the E911 control office and the PSAP. This circuit will be billed at rates specified in the Private Line *Guidebook*. Night service is only available where facilities exist.

A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.4 Enhanced Universal Emergency Number Service-E911 (Cont'd)

- C. Service Features (Cont'd)
 - 4. (Obsoleted, See Section A124)
 - a. (Obsoleted, See Section A124)
- D. Rates and Charges
 - A Service Charge will be applied on a per request basis as covered in Section A4. Premises visits are not required on E911.
 - 2. Messages
 - a. The calling party is not charged for calls placed to the 911 number.
 - b. Charges for toll messages transferred over exchange facilities from a PSAP are billed according to rates applicable from the central office serving the PSAP initiating the transfer to the point of termination of the transfer.

A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.4 Enhanced Universal Emergency Number Service-E911 (Cont'd)

- **D.** Rates and Charges (Cont'd)
 - Service Features

The following features are provided on a tiered structure based on the total number of Access Lines located within the boundaries of a customer's E911 System, including access lines served by other Local Exchange Companies. Rates and charges will be applicable for the following tiers:^{1,2}

- Tier I 1,000 to 20,000 Access Lines
- Tier II 21,000 to 40,000 Access Lines
- Tier III 41,000 to 100,000 Access Lines
- Tier IV Greater than 100,000 Access Lines
- a. The following features are provided for application with access lines within the Company's serving jurisdiction and for access lines within another Local Exchange Company's serving jurisdiction when that company agrees to accept rates provided in this Section. ^{1,2}
 - (1) Automatic Number Identification

			Nonrecurring	Monthly	
			Charge	Rate	USOC
	(a)	Tier I, per 1000 Access Lines	\$1,540.00	\$61.00	9UK1X
	(b)	Tier II, per 1000 Access Lines	885.00	44.50	9UK2X
	(c)	Tier III, per 1000 Access Lines	620.00	46.50	9UK3X
	(d)	Tier IV, per 1000 Access Lines	540.00	28.00	9UK4X
(2)	Com	abined Automatic Number Identification and Selective Routing			
	(a)	Tier I, per 1000 Access Lines	3,095.00	135.00	9UN1X
	(b)	Tier II, per 1000 Access Lines	2,360.00	125.00	9UN2X
	(c)	Tier III, per 1000 Access Lines	1,915.00	115.00	9UN3X
	(d)	Tier IV, per 1000 Access Lines	1,910.00	88.00	9UN4X

- Note 1: Rounded to nearest 1000 access lines per service feature per Company (excluding all types of WATS terminations). This count is based upon the number of access lines in service at the time service is established. This count will be adjusted annually for purposes of updating customer billing. For each service feature, where the count of access lines has been adjusted upward, only monthly recurring rates apply for each 1000 access lines so adjusted (after rounding).
- **Note 2:** For selection of the appropriate tier or tiers for an E911 System, A24.1.1.C. also applies.

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A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.4 Enhanced Universal Emergency Number Service-E911 (Cont'd)

- D. Rates and Charges (Cont'd)
 - 3. Service Features (Cont'd)
 - a. (Cont'd)^{1,2}
 - (3) Combined Automatic Number and Location Identification

			Nonrecurring	Monthly	
			Charge	Rate	USOC
	(a)	Tier I, per 1000 Access Lines	\$3,345.00	\$195.00	9UQ1X
	(b)	Tier II, per 1000 Access Lines	2,620.00	195.00	9UQ2X
	(c)	Tier III, per 1000 Access Lines	2,120.00	175.00	9UQ3X
	(d)	Tier IV, per 1000 Access Lines	2,095.00	145.00	9UQ4X
(4)	Com	bined Automatic Number and Location Identification and Select	ive Routing		
	(a)	Tier I, per 1000 Access Lines	3,345.00	195.00	9US1X
	(b)	Tier II, per 1000 Access Lines	2,620.00	200.00	9US2X
	(c)	Tier III, per 1000 Access Lines	2,120.00	180.00	9US3X
	(d)	Tier IV, per 1000 Access Lines	2,095.00	140.00	9US4X

- (5) (Obsoleted, See Section A124.)
- (6) (Obsoleted, See Section A124.)
- b. (Obsoleted, See Section A124.)
 - (1) (Obsoleted, See Section A124.)
 - Note 1: Rounded to nearest 1000 access lines per service feature per Company (excluding all types of WATS terminations). This count is based upon the number of access lines in service at the time service is established. This count will be adjusted annually for purposes of updating customer billing. For each service feature, where the count of access lines has been adjusted upward, only monthly recurring rates apply for each 1000 access lines so adjusted (after rounding).
 - **Note 2:** For selection of the appropriate tier or tiers for an E911 System, A24.1.1.C. also applies.

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A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.4 Enhanced Universal Emergency Number Service-E911 (Cont'd)

Rates and Charges (Cont'd)

(2)

- Service Features (Cont'd)
 - The following features are provided for non-Bell access lines in a jointly provided system. These rates include the provision of the E911 control office and the control office to PSAP trunks.
 - Selective Routing (SR) provided for Access Lines served by other Local Exchange Companies or Wireless Carriers in jurisdictions where the Company is the provider of E911 Service.

		Nonrecurring	Monthly	
		Charge	Rate	USOC
(a)	Tier I, per 1000 Access Lines	\$3,015.00	\$110.00	9UR1X
(b)	Tier II, per 1000 Access Lines	2,320.00	115.00	9UR2X
(c)	Type III, per 1000 Access Lines	1,880.00	100.00	9UR3X
(d)	Tier IV, per 1000 Access Lines	1,890.00	75.00	9UR4X
	nbined Automatic Location Identification and Selective Routing p			•
Loca	al Exchange Companies or Wireless Carriers in jurisdictions who	ere the Company	is the provide	er of E911
Serv	vice.			
(a)	Tier I, per 1000 Access Lines	3,260.00	175.00	9UL1X
(b)	Tier II, per 1000 Access Lines	2,575.00	185.00	9UL2X
(c)	Tier III, per 1000 Access Lines	2,085.00	165.00	9UL3X
(d)	Tier IV, per 100 Access Lines	2,075.00	130.00	9UL4X
scellan	eous			
Add	itional (optional) E911 Exchange Line terminating at PSAP			
(a)	Fach	210.00	23.00	E8K

- d. Misc (1)

 - Enhanced Multi-Frequency Signaling (EMFS)³
 - **XTAMF** (a) Each
 - Note 1: Rounded to nearest 1000 access lines per service feature (excluding all types of WATS terminations). This count is based upon the number of access lines in service at the time service is established. This count will be adjusted annually for purposes of updating customer billing. All non-Bell lines, including wireless pseudo-ANI records (P-ANIs), will be grouped together and rounded to the nearest 1000 access lines for billing purposes. For each Service Feature, where the count of access lines has been adjusted upward, only monthly recurring rates apply for each 1000 access lines so adjusted (after rounding). For purposes of counting access lines of wireless carriers, the quantity of P-ANI records will be used in lieu of access lines.
 - Note 2: For selection of the appropriate tier or tiers for an E911 System, A24.1.4.D.3. also applies.
 - Enhanced Multi-Frequency Signaling (EMFS) is required per PSAP on all tandem to PSAP Note 3: trunk groups when five or more NPAs (area codes) are resident in one of the 911 tandems serving the PSAP. EMFS delivers ten digits of ANI that includes the 3 digit NPA and the 7 digit telephone number.

A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.4 Enhanced Universal Emergency Number Service-E911 (Cont'd)

- **D.** Rates and Charges (Cont'd)
 - 5. Additions, Moves or Changes
 - a. Charges for customer requests that necessitate additions, moves, or changes of access facilities and/or equipment on Company premises will be based upon costs per request.
 - b. Installation of additional network or other facilities to maintain a satisfactory grade of service will be provided by the Company at no additional charge to the customer.
 - c. Nonrecurring charges for customer requests that involve an upgrade of the Service Features (Ref. 3. preceding) will be the amount equivalent to the nonrecurring charges for the new Service Feature package less the nonrecurring charges for the existing Service Feature package.

A24.1.5 Wireless E911 Phase 2

A. Description of Service

Wireless E911 Phase 2 is only available in combination with Enhanced Universal Emergency Number Service – E911 as specified in A24.1.4 preceding and is subject to the *terms and conditions* specified therein.

In accordance with the FCC's Report and Order 94-102, Wireless E911 Phase 2 provides PSAPs with the wireless E911 caller's location and callback number (CBN) information, as specified by the FCC. The FCC has adopted specific handset-based and network-based location accuracy and reliability solutions standards for the Wireless Service Providers (WSPs).

B. General Terms and Conditions

- 1. The Company is not responsible for the location determination technology, the accuracy of the location determination technology, or the investigation or maintenance of said technologies. Only the data required and specified by the FCC in its Report and Order 94-102 will be delivered by the Company to the PSAP. This required data includes the cell site or sector location, the callback number, and the longitude/latitude of the caller. Each customer agrees that delivery, or lack of delivery, of additional data elements which may be provided by the WSP will not be the responsibility of the Company and the Company assumes no responsibility or liability for such information.
- 2. PSAPs must have all required elements of Wireless E911 Phase 1, utilizing p-ANI routing and cell site/sector location based information, in place before implementing Phase 2. In addition, the following requirements must be met for Phase 2 implementation:
 - a. PSAPs must order both the *Company's* Extended ALI Display Format and the ALI Database Upgrade for Wireless Phase 2 to accommodate the x/y data provided by Wireless E911 Phase 2 Service. See rates in F. following.
 - b. WSPs must have Position Determining Entity (PDE) and a Mobile Position Center (MPC)/Gateway Mobile Location Center (GMLC) in their network.
 - c. WSPs must have obtained an E2 interface to *the Company's* ALI database that complies with the latest issue of Technical Reference 73610. This interface will be used by the WSP to provide Phase 2 data.

C. Definition of Terms

1. Callback Number (CBN)

The wireless caller's 10-digit handset telephone number. The CBN is used by the PSAP to reestablish a call in the event the call was prematurely disconnected.

2. E2 Interface

A reference point for a data path that exists between an MPC/GMLC and ESME (the ALI database). The data that traverses the E2 interface is made up of an Emergency Services Position request and the response. The E2 interface is not provided by and is not the responsibility of the Company.

3. Emergency Services Message Entity (ESME)

An entity in the emergency services network which serves as the point of interface to an MSC for common channel emergency services messaging. ESME is another term for the ALI database.

4. Enhanced MF Signaling (EMFS)

A signaling protocol for sending 10 or 20 digits of ANI from the 911 tandem to the PSAP. EMFS is required when an interconnecting wireless service provider selects Phase 2 NCAS mode without WLS911.

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A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.5 Wireless E911 Phase 2 (Cont'd)

- C. Definition of Terms (Cont'd)
 - 5. Mobile Position Center (MPC)

The interface between the wireless network and the *Company's* ALI databases. The MPC serves as the wireless network entity which retrieves, forwards, stores, and controls position data within the wireless location network. The MPC is not provided by and is not the responsibility of the Company. Global System for Mobile (GSM) communication Gateway Mobile Location Centers (GMLCs) will be treated as MPCs by the Company.

6. Mobile Switching Center (MSC)

The wireless equivalent of a Central Office, which provides switching functions for wireless calls. The MSC is not provided by and is not the responsibility of the Company.

7. Phase 2 NCAS

In this mode the p-ANI and the CBN are both sent to the Selective Router. The trunk between the Selective Router and the PSAP must support transport of two 10-digit numbers.

8. Position Determining Entity (PDE)

The PDE determines the geographic location of a wireless handset when the wireless caller places a 911 call or while the call is in process. The PDE is not provided by and is not the responsibility of the Company.

9. Pseudo-ANI (P-ANI)

A pseudo, non-dialable telephone number assigned to a cell site or to a sector of a cell site to provide location identification for wireless E911 calls.

10. WLS911

The *Company's* solution that sends either eight or ten digits of ANI to the PSAP and dynamically updates the static cell site or sector information with the CBN as provided by the WSP. This solution allows PSAPs to comply with the FCC's order without upgrading their PSAP equipment to utilize Enhanced MF signaling.

11. Wireless Service Provider (WSP)

A person or entity that provides Commercial Mobile Radio Service (CMRS). The term wireless includes service provided by any wireless real-time, two-way voice communication device, including radio-telephone communications used in cellular telephone service, personal communication service (PCS), or functional or competitive equivalent. The term does not include service providers whose customers do not have access to 911 or 911-like services.

12. Wireline Compatibility Mode

Occurs when the WSP sends only p-ANI to the *Company's* E911 tandem. The PSAP receives eight or ten digits of ANI, dependent upon the PSAP Customer Premises Equipment's ability to utilize Enhanced MF.

13. X,Y Coordinates

The longitude and latitude of the 911 wireless caller's location.

D. Enhanced MF

Enhanced MF (EMF) is a signaling protocol from the 911 Tandem to the PSAP. Enhanced MF accommodates either ten or 20 digits of ANI. Enhanced MF is not a requirement of Wireless Phase 2 implementation but EMF must be used by PSAPs when an interconnecting Wireless Service Provider chooses the Phase 2 NCAS Mode (as defined in J-STD-036 Annex D, Table D.1.2. and/or D.2.), without WLS911. If an interconnecting WSP chooses a Phase 2 NCAS solution without WLS911, the PSAP's equipment must be 20-digit Enhanced MF capable as described in Technical Reference 73528. The PSAP must request the Company convert them to EMF signaling when preparing to accept Phase 2 calls from a WSP utilizing Phase 2 NCAS without WLS911.

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A24. EMERGENCY REPORTING SERVICES

A24.1 Universal Emergency Number Service-911 (Cont'd)

A24.1.5 Wireless E911 Phase 2 (Cont'd)

E. Wireless E911 Phase 2 Service

This service is comprised of two components, Extended ALI Display Format and ALI Database Upgrade for Wireless Phase 2. Both components are required for implementation of this service.

1. Extended ALI Display Format

The PSAP's Automatic Location Identification (ALI) display format must be changed to the Extended ALI Display Format to accommodate the longitude and latitude, or x,y coordinates. The provision and delivery of the x,y information to the PSAP requires an E2 interface between the ALI database and the WSP's Mobile Position Center (MPC)/Gateway Mobile Location Center (GMLC). The provisioning of the E2 interface is the responsibility of the WSP.

2. ALI Database Upgrade For Wireless Phase 2

The ALI Database Upgrade For Wireless Phase 2 enables the PSAP to query and retrieve wireless caller location information from the Company's Automatic Location Identification (ALI) database. Location information may include cell site sector location, longitude and latitude of the wireless caller's location, and the wireless caller's callback number (CBN). This upgrade will enable the necessary interfaces, software, and databases to permit the wireless caller's location information to be populated in the Company's ALI database and/or retrieved when queried by the customer's PSAP equipment.

F. Rates and Charges

1. Per PSAP

		Nonrecurring	Monthly Rate	USOC
		Charge		
(a)	Enhanced MF Signaling, per PSAP	\$-	\$-	XTAMF
(b)	Extended ALI Display Format, per PSAP	2,200.00	-	XTAL2
(c)	ALI Database Upgrade For Wireless Phase 2, per	-	190.00	XTAP2
	PSAP			

A24. EMERGENCY REPORTING SERVICES

A24.2 BellSouth 9-1-1 PinPoint Service

A24.2.1 General

- A. 9-1-1 PinPoint Service allows a Private Branch Exchange (PBX) switch located on a customer's premises to be trunked directly into an E911 tandem office, delivering the telephone number and location of the PBX end user to the appropriate Public Safety Answering Point (PSAP).
- **B.** 9-1-1 PinPoint Service is available with BellSouth Primary Rate ISDN (PRI) or 9-1-1 PinPoint Service Local Channels. 9-1-1 Pinpoint Local Channels are not required if using BellSouth PRI service.
- C. 9-1-1 PinPoint Service is only available in jurisdictions where the Company is the 9-1-1 System Service Provider.

A24.2.2 Terms and Conditions

24.2.2 Terms and Condutoris

- **A.** 9-1-1 PinPoint Service is furnished subject to the availability of facilities.
- **B.** Automatic Number Identification (ANI) which is passed to the Company's E911 tandem office by the PBX switch is read, processed and utilized in the manner as if it is provided by any other serving end office in the Company's E911 system.
- C. The emergency agency serving the area may also be involved to update the Master Street Address Guide (MSAG) and to determine the method in which emergency calls from 9-1-1 PinPoint Service locations will be handled.
- **D.** The following specifications must be met when provisioning this service:
 - 1. Subscribers to 9-1-1 PinPoint Service must meet all technical specifications.
 - 2. The PBX switch must be able to transmit ANI using multi-frequency signals. This may require the retro-fitting of existing PBX switches with interfaces which will work with the Company's E911 system.
 - The PBX switch owner/operator must supply the Company with the initial telephone number-to-address data as well as periodic updates.
 - 4. 9-1-1 PinPoint Service is configured on a "per account" basis for Direct Inward Dialing (DID) and grandfathered Primary Rate ISDN (PRI) accounts. All telephone numbers on these accounts must be provisioned with 9-1-1 PinPoint Service. The Customer cannot randomly select which telephone numbers on an account will have the Service. This term and conditions is not applicable for PRI subscribers billed for 9-1-1 PinPoint Service on a per PRI station number (per TN) basis
 - 5. Users of 9-1-1 Pinpoint Service are prohibited from provisioning PBX station numbers outside the boundary of the E9-1-1 tandem serving the physical address of the main PBX location. 9-1-1 calls from any telephone numbers provisioned outside the boundary of the serving E9-1-1 tandem would be routed to an incorrect PSAP with no location information. An alternative arrangement could involve PRI terminations from multiple central offices to accommodate a wider geographic area. In that configuration, no PBX station numbers can be provisioned at addresses outside the boundary of the tandem serving the PRI host. The subscribing 9-1-1 PinPoint Service customer is responsible for ensuring that 9-1-1 PinPoint Service is provisioned in a compliant configuration that will ensure that 9-1-1 calls are routed correctly with the correct location information.
 - 6. 9-1-1 PinPoint Service is only available on local exchange services provided by the Company, specifically BellSouth PRI and DID services. The PBX switch must employ Direct Inward Dialing (DID) or BellSouth PRI station numbers. If the PBX is serving subscribers with multiple NPAs, a unique PBX trunk group will be needed for each NPA (whether it be 9-1-1 PinPoint Service Local Channels or PRI). 9-1-1 PinPoint Service is not available on Centrex or "Centrex-like" station numbers. 9-1-1 PinPoint Service is not available on telephone numbers obtained from CLECs or on any IP-enabled services.
 - It will be the responsibility of the vendor or PBX operator to maintain the data pertaining to each extension operating under such system.

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A24. EMERGENCY REPORTING SERVICES

A24.2 BellSouth 9-1-1 PinPoint Service

A24.2.2 Terms and Conditions (Cont'd)

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- **E.** The PBX switch owner/operator must install a minimum of two private E911 local channels¹ with the following specifications:
 - 1. This voice grade local channel provides for a communications path between the demarcation point at the customer premises and the serving E911 tandem.
 - 2. The PBX switch owner/operator is responsible for determining that their terminal equipment is compatible with this local channel
 - 3. Supervision on this 9-1-1 PinPoint Service Local Channel will be loop reverse battery. The battery source is located in the Company's network and will be a nominal -48V (-42.75V to -56.5V dc).
 - 4. The PBX will signal an off hook (or seizure) by providing a loop closure across tip and ring with a maximum resistance of 670 ohms. The Company's serving E911 tandem office will instruct the PBX to forward the called digits "911" or "11" with a momentary battery reversal (wink). The E911 tandem will instruct the PBX to send the calling station's number (ANI) information with a battery reversal (off hook).
 - 5. Additional *terms and conditions* may be applicable as described in Section B3.
 - 6. Required network interfaces are located in Section A14.
- **F.** Service charges, as specified in Section A4., are applicable.
- G. General Terms and Conditions located in Section A2. will also apply to this service offering.

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- H. This service is offered solely as an aid in handling assistance calls in connection with fire, police and other emergencies and does not create any relationship or obligation, direct or indirect, to any person other than the customer contracting for 9-1-1 PinPoint Service. The provision of 9-1-1 PinPoint Service by the Company shall not be interpreted, construed, or regarded, either expressly or implied, as being for the benefit of or creating any Company obligation toward any third person or legal entity other than the customer.
- I. The rates charged for 9-1-1 PinPoint Service do not contemplate the constant monitoring or inspection of facilities to discover errors, defects and malfunctions in the service, nor does the Company undertake such responsibility. The customer shall make such operational tests as, in the judgment of the customer, are required to determine whether the service is functioning properly for its use. The customer shall promptly notify the Company in the event the service is not functioning properly.
- J. The Company's entire liability to any person for the interruption or failure of 9-1-1 PinPoint Service shall be limited to the terms set forth in this Section and other Sections. The Company shall not be liable for damages resulting from or in connection with its provision of 9-1-1 PinPoint Service to any customer subscribing to 9-1-1 PinPoint Service or any person accessing or using 9-1-1 PinPoint Service, and the Company shall not be liable for its provision of any telephone number, address, or name to any person or entity providing or assisting in the provision of emergency reporting services unless the Company acted with malicious purpose or in the manner exhibiting wanton and willful disregard of safety or property in providing such services.
- **K.** Each customer agrees to release, indemnify, defend and hold harmless the Company from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the Customer or by any other party or person, for any personal injury to or death of any persons, or for any loss, damage or destruction of any property, whether owned by the Customer or others, or for any infringement or invasion of the right of privacy of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of 9-1-1 PinPoint Service features and the equipment associated therewith, or by any services which are or may be furnished by the Company in connection therewith, including but not limited to the identification of the telephone number, address or name associated with the telephone used by the party or parties accessing 911 services using 9-1-1 PinPoint Services hereunder, and which arise out of the negligence or other wrongful act of the Company, the Customer, its user agencies or municipalities or employees or agents of any one of them.

Note 1: 9-1-1 PinPoint Service Local Channels are not required with BellSouth PRI.

A24. EMERGENCY REPORTING SERVICES

A24.2 BellSouth 9-1-1 PinPoint Service (Cont'd)

A24.2.2 Terms and Conditions (Cont'd)

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- L. Each Customer is responsible for assuring that its authorized users comply with the provisions of these terms and the guidebooks, and that unauthorized persons do not gain access to or use the Services through user names, passwords, or other identifiers assigned to the Customer pursuant to these terms. Specifically, each Customer must keep user IDs, passwords, and any security token(s) that may be provided secure from use by any unauthorized individual. The Customer shall also not use the Services in any way that would be or would assist any third party to be in violation of any law or these terms. Each Customer shall comply with all applicable laws, terms and conditions in connection with the services. Finally, the Customer shall provide such information and assistance as are reasonably requested by the Company for purposes of facilitating the Company's provision of services to the Customer.
- **M.** When an order for 9-1-1 PinPoint Service and facilities or requests for additions, rearrangements, relocations or modifications or service and equipment are canceled in whole or in part, the customer may be required to reimburse the Company for all expenses incurred in handling the requests before notice of cancellation is received. Such charges, however, are not to exceed all charges which would apply if the work involved in complying with the request had been completed.
- **N.** When the use of service or facilities furnished by the Company is interrupted due to any cause other than the negligence or willful act of the subscriber or the failure of the facilities provided by the subscriber, a pro rata adjustment of the fixed monthly charges involved will be allowed as covered by Section A2.
- O. In the event of any interruption of the service, the Company shall not be liable to any person, corporation or other entity for any loss or damage in an amount greater than an amount equal to the pro rata allowance of the rate for the service or facilities provided to the customer for the time such interruption continues, after notice to the Company. No allowance shall be made if the interruption is due to the negligence or willful act of the customer of the service.
- P. Other *Terms and Conditions* located in A24.1. preceding will also apply to this service offering as appropriate.

A24.2.3 Payment Schedules

A. Transfer of Contract

Service may be transferred to a new subscriber at the same location upon prior written concurrence by the new subscriber as specified in Section A2.

B. Deferred Payment

Nonrecurring charges may be deferred or installment billed as specified in Section A2.

C. Prepayment

Recurring charges may be prepaid as specified in Section A2.

D. Cancellation Charges (Early Termination Fees)

Cancellation charges, otherwise referred to as Early Termination Fees, will be applied where service is removed prior to the expiration of the 60 month contract period¹.

- E. Moves of Service
 - 1. When the PBX owner/operator moves 9-1-1 PinPoint Service:
 - a. Cancellation charges do not apply.
 - b. Rates in effect will continue uninterrupted.
 - 9-1-1 PinPoint Service nonrecurring charges do not apply as long as the move is within the existing service area boundaries.
 - d. 9-1-1 PinPoint Service local channel charges apply as appropriate.
 - Note 1: As of May 15, 2010, 60 Month Contract Period rates and charges are not applicable for new subscribers and Cancellation Charges (Early Termination Fees) normally applicable for BellSouth 9-1-1 PinPoint Service will not apply for grandfathered PRI subscribers who retain their existing service arrangement and who agree to convert to the new "per TN" PRI pricing structure.

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SC-15-0051 EFFECTIVE: March 11, 2015

A24. EMERGENCY REPORTING SERVICES

A24.2 BellSouth 9-1-1 PinPoint Service (Cont'd)

A24.2.4 Rates and Charges

- A. 9-1-1 PinPoint Service
 - 1. Installation Charge for Direct Inward Dialing (DID) Service¹, Per Customer

	2.	 (a) Up to 1,000 station records, per customer (b) 1,001 to 4,000 station records, per customer (c) 4,001 or more station records, per customer Monthly Charges for Direct Inward Dialing (DID) Service^{2,3}, per 1,0 	Nonrecurring Charge \$3,600.00 4,800.00 5,900.00 00 records	Monthly Rate - - -	USOC E8YN1 E8YN2 E8YN3	(T)
	3.	 (a) Up to 1,000 station records, per 1,000 records (b) 1,001 to 4,000 station records, per 1,000 records (c) 4,001 or more station records, per 1,000 records For PRI service per 9-1-1 PinPoint Service customer, per PRI telephore 	- - - one number equipped	\$178.00 155.00 130.00 (per TN) ⁴	E8Y61 E8Y62 E8Y63	
В.	9-1- 1.	(a) 1st telephone number (b) each additional telephone number -1 PinPoint Service Local Channels Per Channel	3,100.00	95.00 .05	E8YSE E8YTN	
C	Can	(a) First channel, each (b) Additional channels, each (c) Each channel	475.00 105.00	- - 55.00	E8YCU E8YCV	

- C. Cancellation Charges (Early Termination Fees)
 - 1. The following charge is incurred when a total disconnect of 9-1-1 PinPoint Service occurs during the 60 month contract period².
 - (a) Per system disconnect 2,500.00 ESYDX
 - Note 1: As of May 15, 2010, the per 1,000 station records pricing structure and associated Installation Charges will only be available for new DID service.
 - Note 2: As of May 15, 2010, 60 Month Contract Period rates and charges are not applicable for new subscribers and Cancellation Charges (Early Termination Fees) normally applicable for BellSouth 9-1-1 PinPoint Service will not apply for grandfathered PRI subscribers who retain their existing service arrangement and who agree to convert to the new "per TN" PRI pricing structure.
 - Note 3: As of May 15, 2010, monthly charges based on the per 1,000 station records pricing structure will only be available for DID service. Existing PRI subscribers will be grandfathered as of May 15, 2010 and may retain the per 1,000 station records pricing structure as long as they continue the same service at their current location.
 - **Note 4:** Nonrecurring charges will not apply for grandfathered PRI subscribers who retain their existing service arrangement and who agree to convert to the new "per TN" PRI pricing structure.