Qwest Corporation 125 South Dakota Avenue Sioux Falls, SD 57194 TC06-010



February 2, 2006

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Ms. Patricia Van Gerpen

Executive Director

Public Utilities Commission

State Capitol Building

SOUTH DAKOTA PUBLIC
UTILITIES COMMISSION

Dear Ms. Van Gerpen:

Pierre, South Dakota 57501

Qwest Corporation has attached for Commission approval the following pages from our Exchange and Network Services Tariff:

Section 9, Index Page 1, Release 2 Section 9, Pages 1-43, Release 2

The proposed E911tariff has been developed to satisfy two primary issues:

- 1 Integration of wireless rate elements
- 2 Propose a price structure utilizing 911 ALI (Automatic Location Identification) records in lieu of the traditional access line model

Developed in collaboration with Public Safety representatives, the proposed tariff includes updates to the various service descriptions and definition providing greater clarity of the service offering.

On October 28, 2002 Qwest filed changes to the E911 tariff in Docket TC02-174. The PSAPs (Public Service Answering Points) in South Dakota intervened in that docket. Since that time the parties have engaged in lengthy and time-consuming negotiations. As a result of these negotiations, the parties have agreed upon the terms and conditions proposed in the new E911 tariff. Copies of a signed stipulated agreement between the parties are attached.

Qwest is requesting that a new docket be opened for this filing and that Docket TC02-174 be closed. Qwest is requesting an April 1, 2006 effective date.

Qwest has attached ten copies of this filing. Copies of this filing have also been sent to all parties that have participated in the negotiated stipulation. If you have any questions regarding this filing, please call me on 605-335-4596.

Qwest would appreciate acknowledgement of receipt of this filing. An duplicate copy of this letter has been attached for your convenience.

Sincerely,  Colleen E. Sevold  Manager-Policy & Law	ed
Attachments	
Receipt Acknowledged	
	(Date)
Ву	, Executive Director
Public Utilities Commiss	ion
State of South Dakota	

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### 9. CENTRAL OFFICE SERVICES

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 Universal Emergency Number Service - 911

911 Services provided in this Tariff are based upon the use of the digits 9, 1, 1, as the universal telephone number and are intended only to receive requests for public safety assistance.

### A. Definitions

#### 911 Customer

A municipality, state or local governmental unit, or an authorized agent of one or more of these units to whom authority has been lawfully delegated. The 911 customer must be legally authorized to subscribe to the service and have public safety responsibility by law to respond to emergency calls.

### 911 Interoffice Diversity

Provides a second route between the first utility vault outside a central office and the first utility vault outside another central office.

#### 911 Loop Diversity

Provides a second route from the first utility vault outside of the serving central office to the 911 customer premises. The diversity will end at the last terminal prior to the 911 customer's premises unless the 911 customer provides for a separate entrance facility.

#### 911 Service

Related services or components of a 911 system that are offered by the Company to a 911 customer.

#### 911 Service Area

The geographic area in which the 911 customer will respond to all 911 calls and dispatch appropriate emergency assistance.

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#### 9. CENTRAL OFFICE SERVICES

### 9.2 EMERGENCY REPORTING SERVICE

#### 9.2.1 Universal Emergency Number Service - 911

### A. Definitions (Cont'd)

### 911 Transport Diversity

The configuration of the 911 call delivery network using completely separate facilities so as to provide at least two paths (primary and secondary route) over which 911 calls can be transmitted. 911 Transport Diversity is achieved by assignment of circuits to routes that are separated by 25 feet or more.

The 911 Transport Diversity is established on routes between the first utility vault outside of central offices (interoffice diversity) and on routes between the first utility vault outside the serving central office and the customer's premises (loop diversity). Within each route, the circuits are assigned to separate carrier systems (carrier system diversity).

911 Transport Diversity options include 911 Interoffice Diversity and 911 Loop Diversity.

### Alternate Routing (AR)

An E911 feature that routes 911 calls to an alternate location when normal routing is not possible due to all dedicated 911 circuits being busy, equipment or circuit malfunctions, PSAP equipment malfunction or other cause that renders the PSAP out of service. Alternate Routing is provided only with the service options of SR or Non-SR.

#### ALI Data Node

A connection point between the PSAP and ALI database which enables retrieval of ALI records for display at the PSAP.

#### ALI Database Record

An individual entry in the ALI Database of name, address and responding agencies associated with the number of the telephone or ANI used to dial emergency services and is displayed at the PSAP at the time the call is answered.

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#### 9.2.1 Universal Emergency Number Service - 911

### A. Definitions (Cont'd)

### ALI Database Updates

The process by which the E911 ALI database is revised to reflect the changes that result from subscribers receiving new, revised or disconnected telephone service.

#### **ALI** Delivery

The process which delivers the ALI information to the PSAP.

### Automatic Location Identification (ALI)

An E911 feature by which the name, address and responding agencies associated with the number of the telephone used to dial emergency services is displayed at the PSAP at the time the call is answered.

#### Automatic Number Identification (ANI)

A B911 or E911 feature by which the number associated with the telephone used to dial emergency services is displayed at the PSAP at the time the call is answered.

#### Basic 911 (B911) Service

A one-way transmission service terminating 911 calls to a specific PSAP.

#### Call Hold

A B911 feature whereby it is possible to retain control of a 911 connection regardless of the switchhook status of the calling party.

#### CELLTRACE Interface

A non-blocking trunk signaling device which automatically provides the PSAP with the caller's wireless handset ten digit ANI, the location of the cell site that originated the call and the name of the wireless service 911 customer. This information is then delivered to the 9-1-1 database.

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#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

### A. Definitions (Cont'd)

#### Channel Performance, VG 32

A transport transmission and signaling protocol parameter used to establish the performance characteristics of a channel between an End Central Office and a customer interface utilizing a 2-wire connection.

#### Channel Performance, VG 33

A transport transmission and signaling protocol parameter used to establish the performance characteristics of a channel between an End Central Office and a Company Control Office; and End Central Office to a SR switch designated by the 911 customer; an End Central Office to a PSAP, a Company Control Office to a PSAP, Company Control Office to SR Switch designated by Customer, SR Switch provided by Customer to Company Control Office or a Company Control Office to Company Control Office.

### Channel Performance, VG 36, Data Circuit

A transport transmission and signaling protocol parameter used to establish the performance characteristics of a channel between the PSAP and the ALI Data Node.

#### Control Office, Selective Router

The central office that provides one or more of the following E911 functions:

- selectively or non-selectively routes 911 calls;
- forwards ANI data to the PSAP that receives a 911 call;
- provides speed calling;
- transfers 911 calls as determined by an attendant at a PSAP; and/or
- provides alternate routing functions for the PSAPs.

The Control Office also functions as a line concentrator by allowing calls from numerous End Central Offices and private switches to be consolidated into trunks from the Control Office to a PSAP.

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

### A. Definitions (Cont'd)

### Customer Premises Equipment (CPE)

All telecommunications terminal equipment located on the customer premises and encompasses everything from black telephones to the most advanced data terminals and PBX's.

### Data Management System (DMS)

A system of manual procedures, computer hardware, software, storage media and computer programs used to create, store and update the data required to provide SR and ALI.

#### Data Provider

An entity which provides, on a routinely maintained database, names, addresses and telephone numbers to be inserted and updated in the E911 DMS. Data providers are defined as local exchange carriers, alternate exchange carriers, wireless carriers, MLTS (Multiline Telephone System) provider subscribing to PS/ALI or an entity authorized to act on behalf of any of the aforementioned entities.

#### Dedicated 911 Circuits

Circuits used exclusively to transmit 911 calls.

#### Default Routing

An E911 feature whereby 911 calls are routed to a pre-designated PSAP when the calls cannot be selectively routed because the ANI is not received, is not complete, or complete routing instructions are not available in the Control Office.

### EM Circuits (From the Control Office to the PSAP)

Dedicated E911 circuits used to deliver 911 calls that connect a Control Office to a PSAP. EM circuits include the local facility to the PSAP location.

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#### 9.2.1 Universal Emergency Number Service - 911

### A. Definitions (Cont'd)

### Emergency Service Number (ESN)

A number assigned to a specific geographic area within which all E911 calls are routed to one specific PSAP and the residents of the area are served by the same police, fire, and emergency medical agencies.

### Emergency Service Zone (ESZ)

The geographic area within which all E911 calls are routed to one specific PSAP and the residents of the area are served by the same police, fire, and emergency medical agencies.

### Emergency Serving Central Office (ESCO) Code

An E911 code that identifies the End Central Office of a 911 call.

### End Central Office

The central office(s) from which 911 calls originate.

### Enhanced 911 (E911) Service

An exchange service whereby one or more 911 customer-designated PSAP(s), may receive calls dialed to the number 9, 1, 1. E911 includes the features option; ANI, ALI and SR.

#### Facility/Facilities

Includes, but is not limited to, all equipment, cable, wiring, poles and conduits which are used to provide service to a customer's premises.

### Fixed Transfer

An E911 feature by which it is possible to transfer an incoming 911 call by use of a single button on a display and transfer unit.

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#### 9.2 EMERGENCY REPORTING SERVICE

#### 9.2.1 Universal Emergency Number Service - 911

### A. Definitions (Cont'd)

#### Forced Disconnect

An inherent B911 or E911 feature whereby the 911 central office trunk circuit will release a connection even though the calling party has not ended the call.

### Idle Tone Application

An inherent B911 feature in which a distinct tone is presented to the PSAP attendant if the caller terminates a 911 call before the call is answered. If the caller is still on the line but does not speak, no tone is heard.

### **Incoming Trunk Port**

The incoming point of connection at the Company Control Office which receives the 911 call with from an End Central Office and forwards the call through the Control Office to the outgoing trunk termination with ultimate termination at the PSAP. The incoming trunk port unit will accept incoming ANI and forward to the outgoing trunk at the central office.

#### Line Concentration

An E911 feature whereby the Control Office is used to consolidate incoming 911 ES circuits to minimize the number of EM circuits needed to connect the 911 Control Office to the PSAP.

#### Manual Transfer

An E911 feature that enables the PSAP attendant to transfer an incoming 911 call by depressing the switch hook of the associated telephone or the add button on the display and transfer unit and dialing either a 7-digit or 10-digit telephone number or a 2-digit speed calling code. Manual transfer is only available with SR or Non-SR.

### Master Street Address Guide (MSAG)

Listings of all street names in each emergency service zone, house number ranges for each street, and other information as necessary to provide ALI and SR.

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#### 9.2.1 Universal Emergency Number Service - 911

#### A. Definitions (Cont'd)

### Mobile Switching Center (MSC)[1]

A Wireless Carriers switch that manages facilities used to provide wireless twoway telecommunications services.

### Network Access Channel, 2-Wire

A 911 transport transmission termination between an End Central Office and a 911 customer demarcation point utilizing a 2-wire connection.

#### Network Access Channel, 4-Wire

A 911 Transport transmission termination between an End Central Office and a 911 customer's demarcation point utilizing a 4-wire connection.

### Non-Selective Routing (Non-SR)

An E911 feature whereby Control Office routes 911 calls to one PSAP on the basis of the ESCO number assigned to the incoming trunk group from each end office.

#### Outgoing Trunk Port

The outgoing point of connection at the Company Control Office which receives the 911 call from the Control Office incoming trunk port and forwards the call to the PSAP. The outgoing trunk port will accept incoming ANI and forward to the PSAP.

### P.01 Grade of Service

Trunk facility provisioning to ensure that during the average busy hour, no more than 1% of calls into the E911 system will encounter a busy condition.

#### Private Switch/Automatic Location Identification (PS/ALI)

PS/ALI is a service offering which allows a privately owned switch to send Automatic Number Identification information to an E911 Control Office (Tandem) from individual stations for the purpose of providing site or station location information on an E911 call, or for selectively routing that call to the appropriate PSAP.

[1] Per FCC Report and Order 94-102, the Carrier must at least route a wireless caller's E9-1-1 call to the nearest PSAP and deliver the associated ten-digit wireless handset telephone number, the cell site and the sector.

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#### 9.2 EMERGENCY REPORTING SERVICE

#### 9.2.1 Universal Emergency Number Service - 911

### A. Definitions (Cont'd)

### Psuedo ANI (PANI)

A unique ten digit non-dialable number used to route a wireless 9-1-1 call.

#### Public Safety Answering Point (PSAP)

An answering location for 911 calls originating in a given area. PSAPs are designated as primary or secondary, which refers to the order in which calls are directed for answering. Primary PSAPs receive calls directly from the public; Secondary PSAPs receive calls only on a transfer basis from the primary PSAP. Secondary PSAPs generally serve as centralized answering locations for a particular type of emergency call. PSAPs are staffed by employees of service agencies such as police, fire or emergency medical or by employees of a common bureau serving a group of such entities.

### Ring Back

A B911 feature whereby the PSAP attendant may ring the line used to place a 911 call after the calling party has hung up.

#### Selective Routing (SR)

An E911 feature whereby 911 calls are routed to a designated PSAP on the basis of the identified ANI number of the telephone which was used to place the call.

#### Selective Routing Database

The E911 database that is used by the Control Office to determine routing of 911 calls to the designated PSAP.

#### Selective Transfer

An E911 feature that enables a PSAP attendant to transfer an incoming 911 call to another agency by depressing a button on the customer provided equipment, labeled with the type of agency; e.g., "Fire."

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

#### 9.2.1 Universal Emergency Number Service - 911

### A. Definitions (Cont'd)

### Serving Central Office

The central office that provides telephone service to an end user.

#### Shell Record

A record in the ALI Database with limited information to be used with wireless E911. This record is populated at the time of the call by the Wireless Carrier.

### Speed Calling

An E911 feature, available only with SR or Non-SR, whereby local or long distance calls can be placed by dialing an abbreviated code.

#### SR/ALI Phase I Wireless

Selective Routing/Automatic Location Identification (SR/ALI) Phase I provides for the routing of a wireless 911 call to a PSAP based on the PANI and delivery of ALI information to the PSAP, including PANI, and the wireless handset's ANI. This information is "pushed" into the ALI database so that when the PSAP makes the ALI request, this location information is returned.

#### SR/ALI Phase II Wireless

SR/ALI Phase II provides for the routing of a wireless 911 call to a PSAP based on PANI information. In Phase II, the wireless carrier has equipment that finds latitude and longitude, x and y coordinates, of the caller when they dial 911. This information is held in their database based on the callers ANI. When the PSAP requests the ALI for the caller, they go to the ALI database to "pull" the latitude and longitude information from the wireless carrier's database. SR/ALI Phase II allows the PSAP to continually "pull" the latitude and longitude information via ALI. This ability to "pull" information is referred to as retrievable location (RLOC).

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#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 Universal Emergency Number Service - 911

### A. Definitions (Cont'd)

#### Street Address Guide

A Company file consisting of listings of street names, house number ranges and other information as necessary to provide telecommunications service within Company's exchange boundaries.

#### Subscriber Records

Subscriber telephone number, name and service address information from the Company subscriber database.

### Switchhook Status

A B911 feature that provides the PSAP attendant audible and visual signals indicating whether a 911 call that was put on hold is still on hold or has disconnected. This feature requires a specialized CPE visual lamp indicator and requires end to end copper facilities.

#### Transport Mileage

The rate element utilized by the Company to reflect the length of the various dedicated transport facilities serving the 911 customer. Mileage rate elements are expressed using both fixed and per mile components.

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#### 9. CENTRAL OFFICE SERVICES

### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE – 911 (Cont'd)

#### B. Basic 911 Service

### 1. Description

- a. 911 Emergency Communication System is a telephone exchange service whereby a Public Safety Answering Point (PSAP) designated by the 911 customer may receive calls dialed to the telephone number 911.
- b. 911 Service provides for routing all 911 calls originated by a telephone with given central office prefix codes to a single PSAP via the switched network to dedicated or non-dedicated access lines. The service arrangement is the choice of the 911 customer, subject to availability of facilities.
- c. The 911 Code feature permits the public to dial 911 and have the central office route the call to a PSAP.
- d. The dedicated access line option provides a circuit from the originating end office to the PSAP which may incorporate the following features, operating conditions permitting:

#### (1) Forced Disconnect

Enables a PSAP attendant to terminate, at any time, an existing 911 call regardless of the action of the calling party. Forced disconnect allows the PSAP attendant to release a connected call even though the calling party has not hung up. This prevents blockage of the incoming 911 exchange lines serving the PSAP. After the PSAP attendant releases from a 911 call, the dedicated 911 trunk or line facility to the PSAP is automatically released and made available for other 911 calls. Forced disconnect may be used to disconnect any established 911 call connection to a PSAP.

#### (2) Idle Tone

A reorder tone at 120 interrupts per minute is a tone that is given to alert the PSAP attendant that the originating party has gone on-hook after the 911 call was established to the PSAP but before the PSAP attendant answered the phone. This feature allows the PSAP attendant to distinguish between calls that are abandoned before they are answered and calls where the calling party is unable to speak for some reason.

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# 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911 B.1.d (Cont'd)

### (3) Switchhook Status

This is a feature which automatically provides a visual indication of the switchhook status of the originating station after the PSAP attendant answers the call. It provides the visual indications, in connection with the 911 customer's terminal equipment, to allow the PSAP attendant to know whether a 911 call put on hold is still on hold or has disconnected. Additionally, a control circuit is required in connection with the visual lamp indicator provided by the 911 customer.

### (4) Called Party Hold

Allows the PSAP attendant to hold the connection established for a station from which a 911 call was originated, regardless of calling party actions. Called party hold enables the call to be traced to determine the calling party location. Actions by the calling party will not affect the connection being held. The connection is held until the PSAP attendant releases the call or until trunk time-out. Activation of ringback will restart the timing.

### (5) Emergency Ringback

Allows the PSAP attendant to ring back a calling station whether the station is on or off-hook.

e. The non-dedicated access line option forwards the call from an originating end office over the message network to the PSAP. No additional features are available with this option.

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#### 9.2 EMERGENCY REPORTING SERVICE

#### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE – 911

B. Basic 911 Service (Cont'd)

#### 2. Terms and Conditions

- a. The 911 customer may be a municipality or other state or local government unit, or an authorized agent of one or more of these units. The 911 customer must be legally authorized to subscribe to the service and respond to public emergency calls from the central office service areas arranged for 911 calling.
- b. If Company facilities are not available to provide 911 Service, modifications may be made to our facilities as necessary on an individual case basis. The actual cost of these modifications will be charged to the 911 customer in addition to the filed rates in this Tariff.
- c. In a dedicated access line arrangement, the 911 customer will be required to purchase exchange lines from the originating end office to the PSAP and when necessary, applicable mileage rates (as shown in B.3.b.2, following) from the originating end office to the serving central office, to allow the direct routing of end office calls over those lines.
- d. For the non-dedicated access line option, the 911 customer must purchase exchange lines from the serving central office, as noted below, for receipt of calls forwarded from each remote end office.
  - A combination of dedicated and non-dedicated lines may be provided to one PSAP, operating conditions permitting, but only one option is available per originating end office.
  - The 911 customer must subscribe to enough lines at the PSAP to receive 911 calls on lines other than its administrative lines.
- e. In no case shall there be less than two 911 lines per originating end office.
- f. All General Terms and Conditions contained in this Tariff apply, as appropriate, to the provision of 911 Emergency Service.
- g. 9, 1, 1 are the only digits which may be used as an abbreviated emergency telephone number.

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#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

### B.2. (Cont'd)

- h. The 911 emergency telephone number is not intended as a total replacement for the telephone service of the various public safety agencies which participate in the use of this number.
- i. The service is furnished to the 911 customer only for the purpose of receiving reports of emergencies by the public.
- j. 911 Service is classified as business service and is arranged for one-way incoming service to the appropriate PSAP.
- k. 911 Service will not be suspended or disconnected for nonpayment without a ninety day written notification to the 911 customer and the Company.
- 1. The Company does not answer and forward 911 calls, but furnishes the use of its facilities to enable the 911 customer's personnel to respond to such calls.
- m. The Company shall not be responsible for providing 911 Service to less than an entire central office.
- n. The rates charged for 911 Transport Services do not contemplate the inspection or constant monitoring of facilities to discover errors, defects, and malfunctions in the service, nor does the Company undertake such responsibility. The 911 customer shall make operational tests to determine whether the system is functioning properly for its use. The 911 customer shall promptly notify the Company in the event the system is not functioning properly.
- o. In any central office where 911 Service has been activated, the Company will provide the same level of reliability and quality as it provides for all other telephone services in that central office.
- p. For liability terms and conditions, see General Regulations found in C.4.b.2.

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 Universal Emergency Number Service - 911

### B.2. (Cont'd)

- q. The 911 customer will make arrangements to relay or transfer all 911 calls that originate from telephones served by central offices in the 911 Service Area whether or not the calling telephone is situated on property within the geographical boundaries of the 911 customer's public safety jurisdiction.
- r. Application for 911 Service must be executed in writing by each 911 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 911 customer.
- s. The 911 customer must furnish the Company its agreement in writing to the following terms and conditions.
  - Answer all 911 calls on a twenty-four hour day, seven-day week, fifty-two weeks per year basis.
  - Process all calls that are received from the central office whether or not the calling party is outside the answering 911 customer's jurisdiction.
  - Subscribe to local exchange service at the PSAP location for administrative purposes, for placing outgoing calls, and for receiving other calls.
  - Provide telephone equipment with a capacity adequate to handle the number of incoming 911 lines.
  - Maintain an adequate number of circuits to handle the traffic volume.
- t. The calling party will not be charged for calls placed to the 911 number. Any appropriate toll charges associated with 911 calls will be billed to the 911 customer.
- u. Neither the calling party nor the 911 customer is billed for message unit charges associated with measured service or calls placed from a pay telephone.
- v. When switched to non-dedicated access line originating end office emergency Call Forwarding is requested, it will be provided by central office translation services when available. If translation services are not available, central office diverting equipment will be substituted, provided that particular central office is able to accommodate that equipment.

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#### 9.2 EMERGENCY REPORTING SERVICE

#### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

### B.2. (Cont'd)

- w. It is the 911 customer's obligation to ensure that any 911 customer-furnished terminal equipment is compatible with 911 Service and features.
- x. Trunk conditioning charges may apply under certain circumstances. For example, if there is a PSAP installed to back up the primary PSAP, the charges could apply, on an individual case basis.
- y. The Company will provide one type of 911 Service per End Central Office, either basic or enhanced, but not both.
- z. The 911 customer may take advantage of network consolidation in a host/remote type switch configuration by using the host as the originating End Central Office. All mileage under this configuration would be calculated from the host.
- aa. Features other than those described in B.1, preceding, may be provided on an individual case basis, under the terms and conditions of a written contract.
- ab. Company or 911 customer-furnished equipment may be used to terminate 911 facilities at any PSAP.
- ac. When 911 customer-furnished terminal equipment is used at a PSAP, it will be furnished in accordance with the Regulations set forth in the Federal Communications Commission Rules and Regulations, CFR Part 68. When 911 customer-furnished terminal equipment is used, it must be compatible with the technical requirements and features of 911 Service, i.e., lines must be loop start.

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9.2	-EMERGENCY I	REPORTING SERVICE

#### 9.2.1 **UNIVERSAL EMERGENCY NUMBER SERVICE - 911**

B. Basic 911 Service (Cont'd)

3

3. Rates and Charges				
	USOC	Nonrecurring Charge	MONTHLY RATE	
a. 911 Service Features				
(1) Basic 911 Code Recognition				
<ul> <li>End Office trunk termination, per line[1]</li> </ul>	98H	-	_	
(2) Optional Features				
• Feature Package[2]				
Includes Switchhook Status, Emergency Ringback and Called Party Hold, per Basic 911 exchange line equipped	B92	\$758.75	\$10.10	

Can have Basic with features or ANI, but not both. [2]

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<sup>[1]</sup> Basic 911 is only offered in central offices equipped with digital or electronic switches.

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#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

B.3. (Cont'd)

	USOC	Nonrecurring Charge	MONTHLY RATE	(D) (N)
b. Basic 911 Transport				
(1) 911 Provisioning	91L	[1]	[1]	
(2) Per mileage band[2]				
Mileage Bands				
<ul><li>Over 0 to 8</li><li>Fixed</li><li>Per mile</li></ul>	FQYX1 3LBXA	\$60.27 —	\$24.54 0.18	
<ul><li>Over 8 to 25</li><li>Fixed</li><li>Per mile</li></ul>	FQYX2 3LBXB	60.27 —	24.54 0.18	
<ul><li>Over 25 to 50</li><li>Fixed</li><li>Per mile</li></ul>	FQYX3 3LBXC	60.27 —	24.54 0.18	
<ul><li>Over 50</li><li>Fixed</li><li>Per mile</li></ul>	FQYX4 3LBXD	60.27 —	24.54 0.18	(N)

(N)

<sup>[1]</sup> Apply same rates and charges for simple flat business as shown in the 5.2.4. Hunting service rate is not included in the simple flat business rate. The hunting rate will be applied as an additional rate. (See 5.2.5, Hunting in the Exchange and Network Services Catalog No. 1.)

<sup>[2]</sup> Transport mileage charges apply to interexchange dedicated circuits and are in addition to the local channel charges.

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#### 9. CENTRAL OFFICE SERVICES

9.2	EMERGENCY REPORTING SERVICE

9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911 B.3.b. (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE	(D) (N)
(3)	Qwest Corporation charges for other connecting company exchanges[1,2]				The state of the s
	<ul> <li>From originating end office to Meet Point</li> </ul>	N/A	[3]	[3]	
	<ul> <li>From Meet Point to the Public Safety Answering Point Serving Central Office</li> </ul>	N/A	[4]	[4]	The second secon
c.	911 Transport Non-dedicated[5]				
	<ul> <li>Originating end office Emergency Call Forwarding</li> </ul>	9R1	[6]	[6]	(N)

- [1] The monthly mileage rates apply to the airline distance measured between the central offices through which the service is provided.
- [2] Basic 911 is only offered in central offices equipped with digital or electronic switches.
- [3] Apply same rates and charges for 911 Code Recognition and fixed transport mileage per mileage band, and if requested, rates and charges for Automatic Number Identification.
- [4] Apply same rates and charges for 911 provisioning and fixed transport mileage per mileage band.
- [5] One exchange line is required at the Public Safety Answering Point for each originating end office emergency Call Forwarding feature to allow answering of calls forwarded.
- [6] Apply same rates and charges as shown in 5.4.4, *MARKET EXPANSION LINE* Service, in the Exchange and Network Services Catalog No. 1. The USOC 9R1 has no rate and is used for internal tracking purposes only.

(N)

(N)

(T)

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE – 911 (Cont'd)

C. Enhanced Universal Emergency Number Service (E911)

### 1. Description

Enhanced Universal Emergency Number Service, also referred to as Enhanced 911 Service (E911), is a telephone communication service whereby one or more Public Safety Answering Points (PSAP) designated by the 911 customer may receive telephone calls dialed to the telephone number 911. E911 Service includes network facilities necessary for the answering, transferring, dispatching and forced disconnect of emergency 911 calls originated by persons within the serving area.

Also included in E911 Service is Wireless E9-1-1 Connectivity which allows for the delivery of a wireless 9-1-1 call through the Company E9-1-1 network to a PSAP. Wireless carriers have the option of connecting directly through the Company E9-1-1 Control Office or through *CELLTRACE* which provides cell location and ANI information. Per FCC Report and Order 94-102, the Carrier must at least route a wireless caller's E9-1-1 call to the nearest PSAP and deliver the associated ten-digit wireless handset telephone number, the cell site and the sector.

#### 2. Terms and Conditions

- a. This service is limited to the use of 911 as the universal emergency telephone number. Only one E911 Service will be provided within any government agency's locality.
- b. The 911 emergency telephone number is not intended as a total replacement for the telephone service of the various public safety agencies which participate in the use of this number.
- c. E911 Service is furnished to the 911 customer only for the purpose of receiving reports of emergencies by the public.
- d. E911 Service is classified as business service and is arranged for one-way incoming service to the appropriate PSAP. Outgoing calls can only be made on a transfer basis on E911 systems equipped with the Selective Routing feature.

(T) (D)

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

#### 9.2.1 Universal Emergency Number Service - 911

C.2. (Cont'd)

- e. E911 Service is provided solely for the benefit of the 911 customer operating the PSAP. The provision of E911 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 911 customer.
- f. The Company does not answer and forward 911 calls, but furnishes the use of its facilities to enable the 911 customer's personnel to respond to such calls.
- g. Any CPE used in conjunction with E911 Service or attached to the network 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 ANI feature as the source of an in-progress call.
- h. 911 customers may not temporarily suspend E911 Service.
- i. ALI information consisting of the names, addresses, and telephone numbers of telephone customers whose listings are not published in directories or listed in Directory Assistance offices is confidential. Information may only be retrieved by the PSAP on a call-by-call basis and may only be used for the purpose of responding to emergency calls. Should a 911 customer not take the necessary steps to protect this confidential information, the Company has the right to restrict access to such confidential customer information.
- j. The E911 calling party forfeits the privacy afforded by non-listed and non-published service to the extent that the telephone number, address and name associated with the originating station location may be furnished to the PSAP at the time a call is placed to 911.
- k. Default Routing and central office identification will be provided in lieu of Selective Routing and ANI display for E911 systems served from central offices not equipped to transmit ANI. Central offices that are not currently equipped to transmit ANI will not be modified to provide ANI specifically for E911 Service.
- 1. Central office identification is provided in lieu of ANI/ALI on calls placed from four-party or eight-party lines.

(T) (D) (N)

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

#### 9.2.1 Universal Emergency Number Service - 911

C.2. (Cont'd)

- m. 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 Tariff.
- n. The Company's liability for any loss or damage arising from errors, interruptions, defects, failures, or malfunctions of this service or any part thereof shall not exceed the greater of \$50.00 or an amount equivalent to the pro rata charges for the service affected during the period of time that the service was fully or partially inoperative. These limited damages shall be in addition to any credit which may be given for an out-of-service condition.
- o. Each 911 customer agrees to release, indemnify, defend and hold harmless the Company from any and all loss, claims, demands, suits or other action, whether suffered, made, instituted or asserted by the 911 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 911 customer or others.
- p. The 911 customer also agrees to release, indemnify and hold harmless the Company 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, or use of E911 Service features and the equipment associated therewith, or by any services 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 E911 Service, and which arise out of the negligence or other wrongful act of the 911 customer, its user, agencies or municipalities, or the employees or agents of any one of them.
- q. It is the obligation of the 911 customer to make arrangements to handle all 911 calls that originate from telephones served by Central Offices in the local exchange service area whether or not the calling telephone is situated on property within the geographical boundaries of the 911 customer's public safety jurisdiction.

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 Universal Emergency Number Service - 911

### C.2. (Cont'd)

- r. Application for E911 Service must be executed in writing by each 911 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 911 customer.
- s. The 911 customer must agree to the following terms and conditions:
- (1) All 911 calls will be answered on a 24-hour day, seven-day week basis.
- (2) The 911 customer has responsibility for dispatching the appropriate emergency service vehicles within the E911 service area, or will undertake to transfer all 911 calls received to the governmental agency with responsibility for dispatching such services, to the extent that such services are reasonably available.
- (3) The 911 customer has responsibility for Emergency calls within the exchange service area or will undertake to transfer or relay all 911 calls to the governmental agency with responsibility for such emergency services.
- (4) The 911 customer will subscribe to local exchange service at the PSAP location for administrative purposes, for placing outgoing calls, and for receiving other calls.
- (5) CPE must be of a capacity adequate to handle the number of incoming E911 lines recommended by the Company. It is the 911 customer's responsibility to ensure the CPE selected is compatible with the service furnished by the Company.

(T) (D) (N)

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

C.2. (Cont'd)

- t. When the Selective Routing feature is provided, the 911 customer is responsible for identifying primary and secondary PSAP locations as well as the unique combinations of police, fire, and ambulance or any other appropriate agencies responsible for providing emergency service in the E911 service area. An Emergency Service Number (ESN) will be provided for each unique combination by the Company. Prior to the effective date of service, the 911 customer will associate these ESNs with street address ranges or other mutually agreed upon routing criteria in the E911 service area. These ESNs will be programmed into the Data Management System (DMS) to permit routing of 911 calls to the primary and secondary PSAPs responsible for handling calls from each telephone in the E911 service area. The following terms and conditions define the 911 customer's responsibility in providing this information:
- (1) After establishment of service, it is the 911 customer's responsibility to continue to verify the accuracy of the routing information contained in the MSAG 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, ambulance 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 911 calls to the proper PSAP.
- (2) The Company will furnish the 911 customer, on request, a complete written copy of the MSAG to permit the 911 customer to verify accuracy of the police, fire, and ambulance PSAP routing designations.
- (3) Changes, deletions and additions (updates) which the 911 customer desires to have made in the MSAG should be submitted on an "as occurred" basis.
- (4) The Company will furnish a copy of the updates to the 911 customer for verification showing each change, deletion and addition to the MSAG, as they occur.
- u. The Company shall not be required to provide E911 Service to less than an entire Central Office Serving area.

(T) (D) (N)

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

#### 9.2.1 Universal Emergency Number Service - 911

C.2. (Cont'd)

- (D) (N)
- v. In addition to the regulations set forth in the Private Line Transport Services Catalog, the following terms and conditions apply to E911 Transport Service:
  - (1) For purposes of ordering service, individual channel requirements must be identified, e.g.; voice, data, etc. These channels must be ordered individually.
- (2) The terms and conditions for the individual channels, excluding rates and charges, apply as specified in the Private Line Transport Services Catalog.
- (3) The rates charged for E911 Transport Services do not contemplate the inspection or constant monitoring of facilities to discover errors, defects, and malfunctions in the service, nor does the Company undertake such responsibility. The 911 customer shall make operational tests to determine whether the system is functioning properly for its use. The 911 customer shall promptly notify the Company in the event the system is not functioning properly. The Company acknowledges some elements of the service are monitored for performance as part of the routine maintenance of the network and may take reasonable action if an error is detected, this shall not be interpreted, construed, or regarded, either expressly or implied, as a warranty, service commitment or creating any Company obligation nor does it relieve the 911 customer of their responsibilities under this term.
- (4) All E911 facilities and services will be engineered, installed, and maintained by the Company at sufficient quantities to provide a minimum of P.01 Grade of Service. In all situations, a minimum of two circuits will be required to connect each End Central Office in the E911 System to the Control Office where Selective Routing equipment resides and/or to the PSAP Serving End Central Office.
- (5) A minimum of two circuits will also be required to connect the Serving Central Office(s) to the PSAP(s).
- (6) All interoffice facilities will be engineered, installed and maintained by the Company using central office carrier system diversity, where available.
- (7) Where facilities permit, the 911 customer can request diversification and redundancy, in addition to what is provided for in (6) above, of any or all interoffice and/or local facility routes. Additional charges for such facilities, or the construction and provisioning thereof, will be the responsibility of the 911 customer and will be assessed on an individual case basis.

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#### 9.2 EMERGENCY REPORTING SERVICE

## 9.2.1 Universal Emergency Number Service - 911

C.2.v. (Cont'd)

- (8) When the ALI service feature is provided, two ALI data facilities will be required to connect each PSAP in the E911 Service area to the ALI/DMS node computer.
- (9) Secondary PSAPs that are not equipped to display ANI/ALI on compatible CPE will receive calls on a transfer basis over the exchange network or the customer may subscribe to additional E911 Transport Service.
- w. Subscriber Records are names, addresses and telephone numbers of the Company subscribers, including subscribers having non-published and non-listed telephone services.
  - (1) Subscriber Records information will be licensed and furnished for the sole and exclusive purpose of creating an emergency response database and shall be used solely for the provision of Emergency Response Service. Disclosure or use of any information provided through Subscriber Records for other than response to an emergency call is strictly prohibited. Before releasing any non-published number to an E911 Customer under its Subscriber Records service, the Company will require the E911 Customer to sign an agreement acknowledging the following:
    - The E911 Customer will use the non-published numbers only for responding to emergency calls.
    - No other disclosure of a non-published number will be made by the 911 customer, its agents or employees, without court order.
  - (2) Subscriber Records information may not be duplicated except with Company written authorization.
  - (3) The non-published/non-listed telephone customer whose name, address and telephone information is contained in the Subscriber Records information may have an expectation or right of privacy associated with that information, and the information is to be treated accordingly.

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

## 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

C.2.w. (Cont'd)

- (4) Any customer who receives Subscriber Records shall establish written practices and procedures that will protect telephone customers' rights of privacy and preclude misuse or abuse of customer information.
  - (5) Subscriber Records will reflect customer information available as of a specified date, to be negotiated with the E911 Customer, and will be processed each business day and sent according to the county E911 plan.
  - x. The provision of Subscriber Records does not include any E911 Service Features or E911 Transport. E911 Customers may order these options separately.
  - y. A 911 customer purchasing Subscriber Records will receive data, through the provisioning of a licensing agreement, from the Company via electronic means. If a customer desires to receive Subscriber Records information in some manner other than electronically, additional charges may apply and will be the responsibility of the customer, to be assessed on an individual case basis. It is the customer's responsibility to:
  - (1) Provide compatible computer hardware and software to facilitate the transmission and receipt of Subscriber Records information (this is CPE and therefore, will not be furnished by the Company on a regulated basis);
  - (2) Designate an individual to administer the data, including preparation of a data base designed to accept Company formatted records;
  - (3) Develop methods and procedures to facilitate receiving and loading the data using a Company specified format;

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

## 9.2.1 Universal Emergency Number Service - 911

C.2.y. (Cont'd)

- (4) Create methods and procedures to ensure that the E911 Customer's computer is available to receive Company data at an assigned time;
- (5) Monitor transmission of data for successful completion;
- (6) Promptly notify the Company if transmission is not successful.
- (7) Subscriber Records information provided by the Company is proprietary and the property of the Company, and shall be returned to the Company upon request with any copies as may be authorized by the Company. An E911 Customer acquires no ownership rights for Subscriber Records information.
- (8) The 911 customer must specify the geographical area for which Subscriber Records information is required. Subscriber Records will not be provided for less than an entire central office serving area.
- z. Receipt of Subscriber Records information requires the use of a telephone line, the price of which is not included in the rates and charges for Subscriber Records.
- aa. The provisioning of Customer Records by the Company is subject to paragraphs p. and w. preceding.
- ab. Enhanced 911 Service is offered subject to availability of facilities.

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 Universal Emergency Number Service - 911

C.2. (Cont'd)

- ac. Wireless E9-1-1 Connectivity
  - (1) Wireless E9-1-1 Connectivity allows for the delivery of a wireless 9-1-1 call through the Company E9-1-1 network to a PSAP. Wireless carriers have the option of connecting directly through the Company E9-1-1 Control Office or through *CELLTRACE* which provides cell location and ANI information.
  - (2) Connection through Company E9-1-1 Control Office
    - (a) Carriers having the capability to provide wireless handset ANI may connect directly to the Company's E9-1-1 Control Office. The E9-1-1 Control Office will forward information to the PSAP as well as provide Selective Routing functions.
    - (b) Carriers not having the capability to provide wireless handset ANI may connect to the E9-1-1 Control Office using *CELLTRACE*, a hybrid call associated signal (HCAS) solution within the Company E9-1-1 Control Office that also provides for the forwarding of ANI from a wireless handset to a PSAP.
    - (c) Wireless E9-1-1 Service is requested by the municipality, county, or state government unit, or an authorized agent to whom authority has been legally delegated. Phase I data (PANI) cellsite and sector, and wireless handset's ANI will be provided by Wireless Carriers if Phase II data (latitude and longitude, coordinates) is not available.
    - (d) Delivery of wireless calls to the PSAP requires specific entries in the E9-1-1 ALI database. These entries must be MSAG valid and agreed upon by each PSAP. The entries are then loaded into the ALI database by the Wireless Carrier.
    - (e) A minimum of two dedicated trunks are required between the MSC and the Selective Routing switch and are the responsibility of the Wireless Carrier. In addition, the PSAP is required to subscribe to two selective routing ports to terminate these incoming trunks.
  - (3) The customer is responsible for determining call routing based on jurisdictional boundaries.

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### 9.2.1 Universal Emergency Number Service - 911

- C. Enhanced Universal Emergency Number Service (E911) (Cont'd)
  - 3. Service Features
    - a. E911 Service may be available with the following Service Feature offerings:[1]
      - Automatic Number Identification
      - Automatic Number Identification and Selective Routing
      - Automatic Number Identification and Automatic Location Identification
      - Automatic Number Identification, Automatic Location Identification and Selective Routing.
    - b. Forced Disconnect is standard with each of the Service Features.
    - c. The following standard features are included with Selective Routing:
      - Default Routing
      - Alternate Routing
      - Speed Calling
      - Fixed, Manual, and Selective Transfer Arrangements

[1] When Selective Routing is utilized where two jurisdictions are served by one

central office, each jurisdiction may select a different feature combination as long as SR is one of the features.

(N)

(N)

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#### 9.2 EMERGENCY REPORTING SERVICE

#### 9.2.1 Universal Emergency Number Service - 911

C. Enhanced Universal Emergency Number Service (E911) (Cont'd)

### 4. Rates and Charges

#### a. General

- (1) The calling party is not charged for calls placed to the 911 number. This includes calls originating from pay telephones.
- (2) When a call is transferred from a primary PSAP and toll charges are applied, the charges are billed according to rates applicable from the rate center in which the PSAP initiating the transfer resides to the rate center where the transfer terminates.
- (3) The rates and charges contained herein are in addition to any applicable charges rendered by other Local Exchange Companies in connection with the provisioning of this service to the E911 Customer.
- (4) The rates and charges for E911 Service are based upon utilizing standard addressing in populating the DMS. Addressing not in this format will result in errors that must be manually corrected.
- (5) Private Line Transport Channels connecting a PSAP to various agencies such as police, fire or ambulance service, are provided at established rates for such channels and facilities specified in the Private Line Transport Services Catalog.
- (6) Nonrecurring Payment Options

E911 Customers will have two options of paying the nonrecurring charges for E911 Service:

- Charges will be paid at the time E911 is turned up for service.
- Charges may be paid through an Installment Payment Plan, ranging from 36 to 60 months. The installment amount will be based on the nonrecurring costs divided by the number of months of payments. All terms of the contract will be reviewed by the Public Utilities Commission[1].
- If an E911 Customer chooses to terminate service prior to the completed payment period, the present worth (computed at the installment contract interest rate) of the remaining uncollected amounts will be paid Qwest Corporation at the time of termination.

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## 9. CENTRAL OFFICE SERVICES

### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

C.4. (Cont'd)

b. E911 Transport Service

(1) E911 Transport Service provides dedicated transmission paths to connect E911 Service components located throughout the state, by utilizing voice, data and high capacity channels. This service is available to any E911 Service Customer.

The transport rates listed in this Tariff are exclusive to Qwest Corporation only. E911 Service Customers will be billed separately for their transport by Qwest Corporation and by other Local Exchange Companies. E911 Service Customers are fully responsible for payment of transport rates and charges billed by Qwest Corporation and other Local Exchange Companies.

- (2) Terms and Conditions
  - (a) In addition to the regulations set forth elsewhere in this Tariff, the following regulations apply to E911 Transport Service.
- (b) For purposes of ordering service, individual channel requirements must be identified, e.g., voice, data, etc. These channels must be ordered individually.
- (c) The terms and conditions for the individual channels, excluding rates and charges, apply as specified elsewhere in this Tariff.

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

# 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911 C.4.b. (Cont'd)

(3) Rate Regulations

(a) An average rate has been established for recurring E911 Transport Mileage. The rate stated below is based on a price per 100 ALI Database Records. It is acknowledged that changes in the total number of systems may necessitate recalculation of the average rate. Any change in the rate will require Commission approval.

	USOC	MONTHLY RATE	
<ul> <li>Average Transport Mileage, for each 100 ALI Database Records[1,2]</li> </ul>	9TS	\$5.22	(N)

- [1] Telecommunications Service Priority (TSP) is not included in this rate. Please refer to TSP Tariff.
- [2] Rounded up to the nearest 100 ALI Database Records (as established by the records in the ALI/DMS). At the time when service is first established, through and including December 31 of that same year, the number of ALI Database Records used to determine the total price to be charged for this service will be the average monthly number of ALI Database Records in the area covered by the PSAP during the twelve month period immediately preceding the month in which E911 Service is first established. The number of access lines will be trued up annually by counting the number of end user access lines in service in the area covered by the PSAP during the previous calendar year. The number of billing units will be calculated based on this annual count for that current billing year.

(N)

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# 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

# 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

C.4.b.(3) (Cont'd)

(b) The installation charges in (4), following will apply regardless of whether the customer purchases Qwest Corporation E911 Services or provides a customer-owned system based on the number of voice and/or data circuits needed to configure the system.

A nonrecurring charge is applicable with averaged mileage. The nonrecurring charge for the averaged mileage is as follows:

NONRECURRING
USOC CHARGE

 Nonrecurring Charge for Averaged Transport Mileage, per circuit

91CAD

\$60.27

- (c) When additional circuits are added after the initial E911 system installation, the nonrecurring charges specified for the specific channel(s) being added, will apply.
- (d) Any E911 Customers who do not purchase the Qwest Corporation E911 Service offerings of ANI, ALI or SR, or any E911 Customers who require additional circuits for redundancy or diversity, are eligible for the E911 deaveraged Transport rates in (4), following.

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#### 9.2 EMERGENCY REPORTING SERVICE

# 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911 C.4.b. (Cont'd)

(4) The basic and local channel charges apply for dedicated circuits within the PSAP serving End Office. For customers who elect the average Transport Mileage Rate, previously shown in C.4.b.(3)(a), the local channel monthly rates stated below also apply. The Transport Mileage charges apply to interexchange dedicated circuits and are in addition to the local channel charges.

		USOC	Nonrecurring Charge	MONTHLY RATE	
(a)	Basic Charge				
	• Voice, per circuit	N/A	\$237.02	_	
	• Data, per circuit	N/A	237.02	_	,
	• Travel Charge	N/A	_	_	
(b)	Local Channels				
	• 2-Wire Voice w/signaling, per channel	1CP	76.35	\$ 9.01	
	• 4-Wire Data, per channel	1DZ	94.95	18.43	(N)

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#### 9.2 EMERGENCY REPORTING SERVICE

# 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911 C.4.b.(4) (Cont'd)

	tegral el tegral	USOC	Nonrecurring Charge	MONTHLY RATE
(c)	Transport Mileage			
	Mileage Bands			
	<ul><li>Over 0 to 8</li><li>Fixed</li><li>Per mile</li></ul>	FQYX1 3LBXA	\$60.27 —	\$24.54 0.18
	<ul><li>Over 8 to 25</li><li>Fixed</li><li>Per mile</li></ul>	FQYX2 3LBXB	60.27 -	24.54 0.18
	<ul><li>Over 25 to 50</li><li>Fixed</li><li>Per mile</li></ul>	FQYX3 3LBXC	60.27	24.54 0.18
	• Over 50 - Fixed - Per mile	FQYX4 3LBXD	60.27	24.54 0.18

(5) A list of rate centers and their V-H coordinates are available at 125 South Dakota Avenue, 8th Floor, Sioux Falls, South Dakota.

For the purposes of determining airline mileages, vertical and horizontal grid lines have been established across South Dakota. The spacing between adjacent vertical grid lines and between horizontal grid lines represents a distance of one coordinate unit. This unit is the square root of 0.1, expressed in statute miles. A four-digit vertical (V) and a four-digit horizontal (H) coordinate is computed for each rate center from its latitude and longitude location by use of appropriate map projection equations. A pair of V-H coordinates locates a rate center, for determining airline mileages, at a particular intersection of an established vertical grid line with an established horizontal grid line. The distance between any two rate centers is the airline mileage computed between their respective coordinate intersections, as explained below:

(T) (D) (N)

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

### 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

C.4.b.(5) (Cont'd)

(D)

#### METHOD

To determine airline mileage for Private Line Transport Services, proceed as follows:

- (a) Obtain the "V" and "H" coordinates for each rate center.
- (b) Obtain the difference between the "V" coordinates of the two rate centers. Obtain the difference between the "H" coordinates.

  NOTE: The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.
- (c) Square each difference obtained in (b), above.
- (d) Add the squares of the "V" difference and the "H" difference obtained in (c), above.
- (e) Divide the sum of the squares obtained in (d) above by 10.
- (f) Obtain the square root of the result obtained in (e), above. This is the rate distance in miles. (Fractional miles being considered as full miles.)

#### EXAMPLE

The rate distance as calculated and determined between Pierre, South Dakota and Huron, South Dakota.

			$\mathbf{V}$	$\mathbf{H}$	
Pierre Huron Difference			6316 6201 115	5497 <u>5183</u> 314	
Squared Divided by Square Root	13,225	+ 98,596 10 = . 105.745	= 111,82 $= 11,18$ $= 10$		(N)

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2.00 11

#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

# 9.2.1 Universal Emergency Number Service - 911

C.4. (Cont'd)

### c. Service Features[1]

(1) When the central office features are established at the time transport elements are established, the nonrecurring charges for the features are included in the nonrecurring charges for the transport elements as shown in (4), following. This is also true when adding ANI or ALI or changing feature combinations with ANI or ALI. The only time there is a separate nonrecurring charge applicable for the central office features is when SR is added separate from the transport elements.

		USOC	Nonrecurring Charge	MONTHLY RATE
(a)	ALI, Company[2]	9AB	_	\$5.29
(b)	ALI, Non-Company[2]	9AF	_	4.43
(c)	Selective Routing, Company[2]	9LT	\$0.50	4.87
(d)	Selective Routing, Non-Company[2]	9SW	0.59	4.48
(e)	Non-Selective Routing, Company[2]	9NR	0.59	1.53

- [1] Rounded up to the nearest 100 ALI Database Records (as established by the records in the ALI/DMS). At the time when service is first established, through and including December 31 of that same year, the number the ALI Database Records used to determine the total price to be charged for this service will be the average monthly number of ALI Database Records in service in the area covered by the PSAP during the twelve month period immediately preceding the month in which E911 Service is first established. The number of ALI Database Records will be trued up annually by counting the number of ALI Database Records in service in the area covered by the PSAP during the previous calendar year. The number of billing units will be calculated based on this annual count for that current billing year.
- [2] Rate elements represent a cost per 100 records.

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#### 9. CENTRAL OFFICE SERVICES

### 9.2 EMERGENCY REPORTING SERVICE

# 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911 C.4.c.[1](1) (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(f)	Non-Selective Routing, Non-Company[2]	9N1	\$0.59	\$ 1.53
(g)	ALI/Selective Routing, Company[2]	ERN	0.59	10.16
(h)	ALI/Selective Routing, Non-Company[2]	EHV	0.59	8.91
(i)	ALI/Selective Routing, Wireless[2]	E8W1X	0.59	8.91
(j)	ALI/Non-Selective Routing, Company[2]	9NC	0.59	6.82
(k)	ALI/Non-Selective Routing, Non-Company[2]	9NF	_	5.97
(1)	Unscrubbed Third Party ALI Provider Records[2]	9SB3U	0.59	_

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- [2] Rate elements represent a cost per 100 records.

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

# 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911 C.4.c.[1](1) (Cont'd)

NONRECURRING MONTHLY USOC CHARGE RATE (m) Scrubbed Third Party ALI Provider Records, per 100 Records 9SB3S 4.12 (n) Development Fee, per Third Party ALI Provider NKC9R \$4634.19 (o) Monthly Cost, per Third Party ALI Provider 9SB 509.76 (p) PS/ALI Records, per 100 Records 9PA 4.43 (q) PS/ALI Engineering Fee, per Site NKC9S 2328.49 (N)

[1] Rounded up to the nearest 100 ALI Database Records (as established by the records in the ALI/DMS). At the time when service is first established, through and including December 31 of that same year, the number the ALI Database Records used to determine the total price to be charged for this service will be the average monthly number of ALI Database Records in service in the area covered by the PSAP during the twelve month period immediately preceding the month in which E911 Service is first established. The number of ALI Database Records will be trued up annually by counting the number of ALI Database Records in service in the area covered by the PSAP during the previous calendar year. The number of billing units will be calculated based on this annual count for that current billing year.

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#### 9. CENTRAL OFFICE SERVICES

#### 9.2 EMERGENCY REPORTING SERVICE

# 9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911

C.4.c.[1](1) (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE
(r)	MSAG Preparation at less than 80% Match			
	<ul> <li>MSAG Preparation</li> <li>0-5000 Records</li> <li>5001-20000 Records</li> <li>20001-50000 Records</li> <li>50001-75000 Records</li> <li>75001-100000 Records</li> <li>100001-200000 Records</li> <li>200001-300000 Records</li> </ul>	NKC9A NKC9B NKC9C NKC9D NKC9E NKC9F NKC9G	\$15941.60 18351.37 23170.93 35034.44 44302.81 70439.62 96576.43	- - - - -
(s)	MSAG Preparation at greater than 80% Match			
	<ul> <li>MSAG Preparation</li> <li>0-5000 Records</li> <li>5001-20000 Records</li> <li>20001-50000 Records</li> <li>50001-75000 Records</li> <li>75001-100000 Records</li> <li>100001-200000 Records</li> <li>200001-300000 Records</li> </ul>	NKC9H NKC9J NKC9K NKC9L NKC9M NKC9N NKC9O		- - - - -
	<ul> <li>MSAG Preparation</li> <li>Additional Copies of Reports, per Report</li> <li>Additional Simulations, per Simulation</li> </ul>	NKC9P NKC9Q	46.34 4634.19	- -

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#### 9. CENTRAL OFFICE SERVICES

### 9.2 EMERGENCY REPORTING SERVICE

9.2.1 UNIVERSAL EMERGENCY NUMBER SERVICE - 911 C.4.c.[1](1) (Cont'd)

		USOC	Nonrecurring Charge	MONTHLY RATE	(
(t)	ANI End Office, MF ES Trunk	D98	\$32.94	\$3.64	
(u)	ANI End Office, SS7 ES Trunk	DT198	32.94	3.67	
(v)	Control Office, Out-Going Trunk	SR6OX	40.70	9.53	
(w)	Control Office, In-Coming MF per Trunk	SR61X	23.91	7.67	
(x)	Control Office, In-Coming SS7 per Trunk	S6R3X	23.91	7.70	
(y)	Co-Carrier Metrics, SOI Error Rate Reports, and LPN Updates (included in ALI Rate Elements)	ERPEM	_	_	

[1] Rounded up to the nearest 100 ALI Database Records (as established by the records in the ALI/DMS). At the time when service is first established, through and including December 31 of that same year, the number the ALI Database Records used to determine the total price to be charged for this service will be the average monthly number of ALI Database Records in service in the area covered by the PSAP during the twelve month period immediately preceding the month in which E911 Service is first established. The number of ALI Database Records will be trued up annually by counting the number of ALI Database Records in service in the area covered by the PSAP during the previous calendar year. The number of billing units will be calculated based on this annual count for that current billing year.

(N)

# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF SOUTH DAKOTA

IN THE MATTER OF THE FILING BY QWEST CORPORATION FOR APPROVAL OF REVISIONS TO ITS EXCHANGE AND NETWORK SERVICES TARIFF

TC02-174

STIPULATION
TO CLOSE DOCKET
IN SUPPORT OF
NEW TARIFF FILING

- 1. On October 28, 2002, Qwest filed revisions to its Exchange and Network Services Tariff for approval by the South Dakota Public Utilities Commission. The filing introduced new service options for wireless E911 connectivity in South Dakota providing Phase I and Phase II Selective Routing/Automatic Location Identification.
- 2. Subsequent to Qwest's filing and notice published by the Commission, the PSAPs filed petitions to intervene in the proceeding. The Commission granted those Petitions.
- 3. The parties have engaged in lengthy and time-consuming negotiations over the course of several years. As a result of these negotiations, the parties have agreed upon the terms and conditions proposed in a new E911 tariff. The new tariff combines wireline 911 and wireless 911 services, and it will replace the current provisions for 911 services in their entirety in Qwest's Exchange and Network Services Tariff. The new proposed 911 tariff is attached as Exhibit 1.
- 4. As part of the negotiations between the parties, Qwest has agreed to transition from Centralized Automated Message Accounting-based signaling to Signaling System 7 on the dedicated links between Qwest end offices and the 911 Selective Routers. Qwest will initiate this transition upon the effective date of the new E911 tariff.
- 5. To obtain Commission approval of the new 911 tariff, the parties have agreed to a dismissal of this docket and the opening of a new docket. The parties acknowledge and represent that the new proposed 911 tariff attached as <u>Exhibit 1</u> reflects compromise and settlement of all issues raised, or that could have been raised, in this docket.
- 6. Each party represents that in any proceeding in which this Stipulation or its subject matter may be raised by a non-party, it will support the continued effectiveness of this Stipulation. Nothing in this Stipulation shall constitute a waiver by the parties or any of them with respect to any matter not specifically addressed in this Stipulation. This Stipulation shall also not be considered an admission by any party.

- 7. This Stipulation does not constitute agreement by any party that any principle or methodology contained herein or as part of the new 911 tariff may be applied to any situation other than the one presented in this docket.
- 8. This Stipulation constitutes the parties' entire, integrated agreement on all matters set forth herein and supersedes any and all prior oral and written understandings or agreements on such matters that previously existed or occurred in this proceeding.
- 9. In the event that the Commission does not approve this Stipulation and close this docket and/or in the event that the Commission does not approve the new proposed 911 tariff, this Stipulation and the new proposed 911 tariff, as well as the agreements, negotiations and/or discussions undertaken in conjunction with them, shall be deemed null and void and shall not be admissible into evidence in this proceeding or any other.

Respectfully submitted this	day of	, 2005.
	QWEST CORPORATION  By:  Title: Corporation	~ ~/
	PENNINGTON COUNTY	
	Ву:	
	Title:	
	BROWN COUNTY	
	Ву:	
	Title:	

By:
Title:
MINNEHAHA COUNTY
MINNEHARA COUNT I
Ву:
Title:
CITY OF SIOUX FALLS
Ву:
Title:
11/08/2005

# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF SOUTH DAKOTA

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Respectfully submitted this _	22rd day of November	, 2005.
	QWEST CORPORATION	
	By:	
	PENNINGTON COUNTY	
	By:	
	BROWN COUNTY	
	By:	

Ву:
Title:
MINNEHAHA COUNTY
By: Carol Good
Title: Commission Chairman
CITY OF SIOUX FALLS
By:
Title:
11/08/2005

# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF SOUTH DAKOTA

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	Ву:	
,	Title:	
	PENNINGTON COUNTY	
	Ву:	
	Title:	
	BROWN COUNTY	
	Ву:	
	Title	

11/08/2005

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2005

Degractfully submitted this

respectionly submitted this	day or
	QWEST CORPORATION
	By:
	Title:
	PENNINGTON COUNTY
	By:
	Title:
	BROWN COUNTY
	By: Dewesteicher  Title: Cha. By. Co. Comme
	Title & Ko

By:
Title:
MINNEHAHA COUNTY
Ву:
Title:
CITY OF SIOUX FALLS
By:
Title:
11/08/2005

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Respectfully submitted this	day of <u>December</u> , 2005.
	QWEST CORPORATION
	By:
	Title:
	PENNINGTON COUNTY
	By: Jens Kerbin Title: Chairman
	BROWN COUNTY
	By:
	Title:

By:
Title:
MINNEHAHA COUNTY
Ву:
Title:
CITY OF SIOUX FALLS
By:
Title:
11/08/2005

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- 9. In the event that the Commission does not approve this Stipulation and close this docket and/or in the event that the Commission does not approve the new proposed 911 tariff, this Stipulation and the new proposed 911 tariff, as well as the agreements, negotiations and/or discussions undertaken in conjunction with them, shall be deemed null and void and shall not be admissible into evidence in this proceeding or any other.

Respectfully submitted this	day of	, 2005.
	QWEST CORPORATION	
	Ву:	
	Title:	
	PENNINGTON COUNTY	
	Ву:	
	Title:	
	BROWN COUNTY	
	Ву:	
	Title <sup>,</sup>	

By: Dob Wilson
Title: Ex. Director
MINNEHAHA COUNTY
Ву:
Title:
CITY OF SIOUX FALLS
Ву:
Title:
11/08/2005

#### CERTIFICATE OF SERVICE

I, Colleen Sevold, Qwest Corporation, do hereby certify that I am an employee of Qwest Corporation and on the 2<sup>nd</sup> day of February, 2006, a true and correct copy of the filing Requesting revision of certain pages to the Exchange and Networks Services Tariff Regarding 911 service was served via United States first class mail, postage prepaid, to The following:

Brown County Communications 25 Market Street Aberdeen, South Dakota 57401 57104

Minnehaha Metro Communications 500 North Minnesota Avenue Sioux Falls, South Dakota 57104

Pennington County Communications 300 Kansas City Street Rapid City, South Dakota 57701 City of Sioux Falls 224 West 9<sup>th</sup> Street Sioux Falls, South Dakota

SDACC 306 East Capitol Avenue Suite 10 Pierre, South Dakota 57501