Wireless Interconnection Service Tariff

Cause No. PUD 200600133 Order No. 165:55-5-10 Tracking No. 3rd Revised Sheet 1 Replacing 2nd Revised Sheet 1

APPLICATION OF TARIFF

- This Tariff contains the rates and regulations applicable to Wireless Carrier Interconnection Service by (RT) the Southwestern Bell Telephone, L.P., d/b/a AT&T Oklahoma, within the State of Oklahoma.
- (AT) Southwestern Bell Telephone, L.P., (also referred to herein as the "Company") is a wholly owned subsidiary of AT&T Inc. AT&T Oklahoma is a registered trade name of Southwestern Bell Telephone, L.P. Services offered pursuant to this tariff may be offered under the registered trade names or under the brand name AT&T or SBC. All regulated and tariffed services offered by Southwestern Bell Telephone, L.P., whether under that name, the trade name AT&T Oklahoma, or under the brand name AT&T or SBC, are subject to the terms and conditions of this tariff.

Issued: May 12, 2006 Effective: June 12, 2006

Cause No. PUD 200500456 Order No. 514693 Tracking No. 2nd Revised Sheet 2 Replacing 1st Revised Sheet 2

EXPLANATION OF SYMBOLS

(AT)	Indicates addition to text
(C)	Indicates a correction
(CP)	Indicates change in practice
(CR)	Indicates change in rate
(CT)	Indicates change in text
(DR)	Indicates discontinued rate
(FC)	Indicates a change in format lettering or numbering
(MT)	Indicates moved text
(NR)	Indicates new rate
(RT)	Indicates removal of text

Cause No. PUD RM 201200002 Order No. 165:55-5-10 Tracking No. OK-14-0078

19th Revised Sheet 3 Replacing 18th Revised Sheet 3

SERVICE MARKS

The following marks, to the extent any are used throughout this Tariff, are designated below.

Service Marks of Southwestern Bell Telephone, L.P.

1+ SaverSM 1+ Saver DirectSM Caller IntellidataSM ComCallSM

DovLinkSM Essentials PlanSM

Family SpaceSM Home 800SM Intelligent RedirectSM Positive ID^TM

SBC Advantage PlanSM SmartPayment PlanSM

Southwestern Bell Prepaid Home ServiceSM The BASICSSM

Southwestern Bell Custom 8SM

uSelectSM3 uSelectSM6

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Issued: September 30, 2014 Effective: October 1, 2014

(CT)

WIRELESS CARRIER INTERCONNECTION SERVICE

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Cause No. PUD Order No. Tracking No. OK-23-0025 6th Revised Sheet 1 Replacing 5th Revised Sheet 1

(AT)

WIRELESS CARRIER INTERCONNECTION SERVICE

GENERAL

- 1.1 This Tariff applies to the Wireless Carrier Interconnection Services to all carriers for Type 1, Type 2A and Type 2B arrangements as found, for descriptive purposes only, in the Telcordia Technical Reference TR-NPL-000145, "Compatibility Information for the Interface between a Cellular Mobile Carrier and a Wireline Exchange Carrier" dated December 1993 and Technical Reference TR-EOP-000352, "Cellular Mobile Carrier Interconnection Transmission Plans" dated May 1986. This Tariff applies to all carriers for line side interconnection as found, for descriptive purposes only, in Bell System Technical References, Number 43303 dated December 1981. At the effective date of this Tariff, those wireless carriers with an interconnection agreement may continue receiving service under their existing agreement. If that agreement is terminated, the service will be provided to the wireless carrier under this Tariff.
- 1.2 This Tariff provides, where facilities are available, connection with the Company's network for originating calls from a landline customer to a wireless carrier and for terminating calls from a wireless carrier to a landline customer.
- 1.3 This Tariff also provides Company facilities and services for Common Channel Signaling/Signaling System Seven (CCS/SS7) Service found, for descriptive purposes only, in the current issue of Telcordia's TR-TSV-00905, "Common Channel Signaling Network Interface Specifications" and SWB Technical Publication, TP-76638, "SWB Supplement to TR-TSV-000905".
- 1.4 These regulations and rates are in addition to the regulations and rates in other telephone company tariffs.
- 1.5 The Company may discontinue certain Company services in geographic areas for which the Company has no customers subscribing to those services.
- 1.6 In addition and subject to the appropriate regulatory approvals, the Company may grandfather all services governed by this Tariff in certain geographic areas. Once grandfathered, such services will no longer be available for purchase and existing customers will no longer be able to move, add or change their existing service.

 (AT)

 For service availability by Wire Center: https://cpr.att.com/pdf/dsa/zero_demand_tracker.pdf

 For service availability by address: https://cpr.att.com/s443/search/csiServiceAvailability

 (AT)

2. DEFINITIONS

The following definitions are in addition to those in the Explanation of Terms Section of the General Exchange Tariff:

ACCESS SERVICE TARIFF: The Company's Intrastate Access Service Tariff on file with the Oklahoma Corporation Commission, offering exchange access to interexchange carriers.

COMMON CHANNEL SIGNALING (CCS): Denotes a packet switched communications network which carries addressed signaling messages for individual trunked circuits and/or information transfer between Signaling Points in the CCS network.

Note 1: Effective on or after December 31, 2023 (as permitted by the FCC), neither new nor existing customers will be permitted to purchase services in certain geographic areas. (AT)

(MT) Material previously appearing on this sheet now appears on Sheet 1.1 of this section. (AT)

Issued: December 29, 2023 Effective: December 31, 2023

Cause No. PUD Order No. Tracking No. OK-23-0025 Original Sheet 1.1

WIRELESS CARRIER INTERCONNECTION SERVICE

2. DEFINITIONS, Cont'd	(AT))
CALL PATH ASSOCIATED SIGNALING (CAS): A wireless 911 solution set that utilizes the voice transmission path to also deliver the Mobile Directory Number and the caller's location to the Public Safety Answering Point (PSAP).	(MT)
DEMARCATION POINT: Denotes the point of interconnection between the Company's facilities and the wring at the subscriber's premises. The demarcation point (referred to as network interface) shall consist of wire or a jack conforming to Subpart F of Part 68 of the Federal Communications Commission's Rules and Regulations. Terms and conditions for the location of demarcation points are found in the "Rules and Regulations Applying to all Customers' Contracts" section of the General Exchange Tariff.	(MT)
Note 1: Effective on or after December 31, 2023 (as permitted by the FCC), neither new nor existing customers will be permitted to purchase services in certain geographic areas.	(AT)	
(MT) Material formerly appeared on Sheet 1 of this Section	(AT))

Issued: December 29, 2023 Effective: December 31, 2023

5th Revised Sheet 2 Replacing 4th Revised Sheet 2

WIRELESS CARRIER INTERCONNECTION SERVICE

2. DEFINITIONS (cont'd)

END OFFICE RATE CENTER: An end office selected by the wireless carriers as the end office for rating (measuring purposes) for Type 2A interconnection.

END OFFICE: An end office is a local telephone company central office where the exchange service customer's station loops are terminated to connect to each other and to the network.

HYBRID: A wireless 911 solution set that utilizes one transmission path to deliver the voice and Mobile Directory Number to the Public Safety Answering Point (PSAP) and a separate transmission path to deliver the caller's location information to the PSAP.

MOBILE SWITCHING CENTER (MSC): A wireless carrier's switching equipment or terminal used to provide the wireless carrier's switching service of, alternatively, any other point of termination designated by the wireless carriers. The MSC connects the carrier's customers within its Wireless Carrier Service Area to the telephone company's facilities.

NON-CALL PATH ASSOCIATED SIGNALING (NCAS): A wireless 911 solution set that utilizes one transmission path to deliver the voice and a separate transmission to deliver the Mobile Directory Number and the caller's location to the Public Safety Answering Point (PSAP).

NXX CODE: A block of 10,000 consecutive telephone numbers having the same 30-digit prefix.

ORIGINATING TRAFFIC: Traffic delivered to a wireless carrier for termination the wireless carriers' system within the Wireless Carrier Service Area.

POINT OF INTERCONNECTION: The end office (Type 1 or Type 2B or the tandem office (Type 2A) that the carrier chooses to connect to for terminating traffic in the Company network. For examples, where terminating traffic is switched to other end offices in the LATA, interexchange carriers and operator or auxiliary services (e.g., 411, 911 and 555-1212.

POINT OF TERMINATION: See Demarcation Point.

RADIO TRANSMITTER LINKS: Dedicated voice or data circuits provided by the Company between a wireless carrier MSC and tower/cell site locations or between tower/cell site locations.

SERVICE GROUP: A group of wireless carrier connection service circuits of the same configuration combined into a single service group for traffic handling.

SHELL RECORD: A partial ALI record which requires a dynamic update of the Emergency Services Routing Key (ESRK), Call Back Number, cell site and sector information for a Phase I deployment, and XY location data for a Phase II deployment. The dynamic update requires input from the wireless carrier's network prior to updating the ALI records and forwarding to the appropriate Public Safety Answering Point (PSAP).

TANDEM OFFICE: A Company switching system that provides a concentration and distribution function for originating or terminating traffic between Company end offices or the network.

2nd Revised Sheet 2.1 Replacing 1st Revised Sheet 2.1

WIRELESS CARRIER INTERCONNECTION SERVICE

2. DEFINITIONS (cont'd)

TERMINATING TRAFFIC: Traffic received from a carrier for delivery to a point on the intraLATA wireline exchange network.

TERMINATING USAGE: Wireless carrier originated traffic interchanged with the Company for termination at a point on the intraLATA wireline exchange network.

WIRELESS CARRIER: A licensee under Part 22, Part 24 or Part 90 of the FCC Rules and Regulations who provides radio telecommunications service or a company acting as an authorized reseller of such a licensee. Specifically these carriers are: Radio Common Carriers (RCCs) licensed under Part 22, Specialized Mobile Radio Providers (SMRs) and Private Carrier Pagers (PCPs) licensed under Part 90 and Personal Communication Service Providers (PCS) licensed under Part 24.

WIRELESS CARRIER INTERCONNECTION SERVICE: Hereafter referred to as service, are dedicated circuits between a carrier's point of termination and the Company's point of switching for the exchange of traffic. Such circuits may be one-way or two-way.

WIRELESS CARRIER SERVICE AREA: The geographic area served by a carrier's system where the carrier is authorized to provide service under Part 22, Part 24 or Part 90 of the FCC Rules and Regulations.

3. GENERAL REGULATIONS

3.1 Liability of the Company

- A. The Company's failure to provide or maintain service under this Tariff subject to the interruption allowance provisions of this Tariff, shall be excused by labor difficulties, government orders, civil commotions, acts of God and other circumstances beyond the Company's reasonable control.
- B. Where a carrier's service is interrupted, other than by negligence or willful act of the carrier, and it remains out of order for 24 hours or longer after the Company has been notified and has access to the carrier's premises, adjustments shall be made to the carrier. The adjustment shall be based from the time the interruption is first reported and shall be the pro rata part of the monthly rates during which the service is inoperative. The adjustment may be credited to a subsequent bill.

For calculating credit allowances, every month is considered to have 30 days.

A credit does not apply for any period the carrier does not allow the Company personnel access to the facilities so they can investigate and clear trouble.

Wireless Interconnection Service Tariff

Cause No. PUD 200500456 Order No. 514693 Tracking No. 5th Revised Sheet 3 Replacing 4th Revised Sheet 3

WIRELESS CARRIER INTERCONNECTION SERVICE

- 3. GENERAL REGULATIONS (cont'd)
 - 3.1 Liability of the Company (cont'd)
 - C. The Company's liability, if any, for its gross negligence or willful misconduct is not limited by this Tariff. With respect to any other claim or suit, by a carrier or any other for damages arising out of mistakes, omissions, interruption, delays, errors or defects in transmission, the Company's liability, if any, shall not exceed an amount equivalent to the proportionate charge to the carrier for the period of service during which such mistakes, omission, interruption, delay, error or defect in transmission or service occurs and continues. This liability shall be in addition to any amounts that may otherwise be due to the carrier under this Tariff as an allowance for interruptions. Any such mistakes, omissions, interruptions, delays, errors, or defects in transmission of service, which are caused or contributed to by the negligence or willful act of the carrier or which arise from the use of carrier provided facilities or equipment, shall not result in the imposition of any liability whatsoever upon the Company.
 - D. The Company is not liable for any act or omission of other providers.
 - 3.2 Obligations of the Carrier
 - A. The carrier is solely responsible for payment of all charges for facilities and services furnished the carrier, including charges for service originated from, or charges accepted at such facilities (e.g., collect calls and third number charges).
 - B. Where it is necessary for the Company to place equipment at the carrier's premises, the carrier shall make available access, floor space and power for the service without cost to the Company.
 - C. The rates and rate structure established by this Tariff shall not apply to the wireless carrier's provision of toll calling from a landline telephone to another landline telephone, except for, but not limited to, the provision of optional carrier features such as custom calling and voice storage.
 - D. Resellers of licensed wireless carrier's services must provide a Letter of Authorization signed by the licensee whose services are being resold.
 - 3.3 Payments, Deposits and Termination of Service

The Rules and Regulations Applying to all Customers' Contracts Section of the General Exchange Tariff shall apply.

GENERAL REGULATIONS (cont'd)

- 3.4 Directory Listings
 - A. Directory Listings are not included in the rates for services in this Tariff.
 - B. Regular extra listings and special types of extra listings will be furnished under the Directory Listings section of the General Exchange Tariff for use of the carrier's patrons. The carrier must arrange for such listings. Payment for such listings will be the responsibility of the carrier and not the carrier's wireless service users.
- 3.5 Directory Assistance

Directory Assistance Service will be provided under the rate in Paragraph 7.7 of this Tariff.

3.6. Directory Assistance Call Completion

Directory Assistance Call Completion (DACC) will be provided as described in the Directory Assistance Service section of the General Exchange Tariff. Nonrecurring charges found in Section 7 of the Oklahoma Access Service Tariff only apply for the installation of the operator service circuits. For DACC completed calls, Type 2A usage rates also apply as described in 6.2 following.

A. Multi Rate Option

(AT) (RT)

(RT)

If the wireless carrier chooses the Multi Rate Option, Automatic Number Identification (ANI) needs to be delivered via the Operator Services Circuits from the wireless carrier's MSC to the Company's TOPS tandem according to the Company's specifications. The Multi Rate Option charge listed in Paragraph 7.8 applies for each DACC completed call, in addition to the DA rate listed in Paragraph 7.7.

Detailed billing information based upon ANI-provided account number will be provided to the wireless carrier via a Billing Information Tape (BIT) or Electronic Data Transmission. If the wireless carrier chooses to receive this information via a billing tape, the per tape charge listed in Paragraph 7.8 applies.

B. Single Rate Option

DACC will be provided at the wireless carrier's patron's choice on any Directory Assistance call. Wireless carriers who choose this option will be billed the DACC Single Rate Option per call charge listed in Paragraph 7.8 for each Directory Assistance call whether or not the wireless carrier's patron chooses to use the DACC service. The DA rate listed in Paragraph 7.7 of this Tariff does not apply with this DACC rate option.

2nd Revised Sheet 3.1 Replacing 1st Revised Sheet 3.1

WIRELESS CARRIER INTERCONNECTION SERVICE

3. GENERAL REGULATIONS (cont'd)

3.7 Operator Service

Local operator service (0- and 0+) is available under the Local Exchange Tariff.

3.8 Special Construction

If the wireless carrier's request for interconnection requires construction of special facilities, special construction charges under Section 14 of the Oklahoma Access Service Tariff apply.

3.9 Radio Transmitter Links

The rates for radio transmitter links shall be equal to the rates in Section 7 of the Oklahoma Access Service Tariff.

3.10 Special Service Arrangements

When the customer requests a service arrangement which requires the installation of special equipment or modification of standard equipment, it can be furnished at additional rates under the General Exchange Tariff Section 28.

3.11 Telephone Numbers

Telephone Numbers may be provided subject to the following limitations:

- A. Shared or dedicated NXX codes are available as in Paragraph 7.4.
- B. In a Wireless Carrier Service Area with more than one NPA and tandem offices in each NPA, requests for tandem Type 2A connections with separate NPA-NXX codes will require separate connections and separate NXX codes at each tandem office. Separate connections and separate NXX codes are not required when one tandem within a Wireless Carrier Service Area serves multiple NPAs.
- C. Telephone numbers are furnished subject to the availability of facilities and numbers consistent with code conservation in the administration of the North American Numbering Plan.
- D. Telephone numbers are normally provided on a consecutive number basis in groups of 100 or 1000 having the same steering digit. Numbers may be provided on a nonconsecutive basis when acceptable to the wireless carrier and the Company and, if within the normal limitations of the serving office. The wireless carrier shall acquire and retain the same rights to telephone numbers as an independent telephone company.

Wireless Interconnection Service Tariff

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WIRELESS CARRIER INTERCONNECTION SERVICE

- 3. GENERAL REGULATIONS (cont'd)
 - 3.11 Telephone Numbers (cont'd)
 - E. The carrier's switching equipment must be arranged to provide for intercept of unused numbers transmitted to the switching equipment.
 - Line side interconnection includes the provision of a single number for each line side termination.
 - G. Telephone numbers offered in this Tariff must be used with the interconnection service provided in this Tariff.
 - 3.12 End user common line charges do not apply for this service.
 - 3.13 Wireless Carrier Provided Facilities

Wireless carriers have the right to transport traffic over facilities provided by the wireless carrier to any location geographically proximate to either the Type 1, Type 2A or Type 2B Company switching offices. That location must be owned or leased and maintained by the wireless carrier. Access to that location by the Company employees for installation and maintenance purposes must be available.

3.14 Additional Engineering and Labor

The rates and regulations that apply for additional engineering and labor can be found in Section 13 of the Access Service Tariff.

5th Revised Sheet 5 Replacing 4th Revised Sheet 5

WIRELESS CARRIER INTERCONNECTION SERVICE

4. DESCRIPTION OF SERVICE

- 4.1 Wireless Carrier Interconnection service circuits and switching are trunk side switching using end office (Type 1 or Type 2B) or tandem (Type 2A) arrangements. Wink start, answer and disconnect supervisory signaling are provided from electronic offices. Delay dial start-pulsing signaling for one-way originating only type services may be provided from equipped electromechanical offices. Line side interconnection uses line side terminating equipment in the end office. Line side signaling may be ground start with on-hook indication to the carrier at the distant end, or loop supervision.
- 4.2 Service may be arranged for two-way or one-way traffic either in the originating or terminating direction. With Type 2A connections, terminating traffic may be limited to direct dialed terminating calls. Where Type 2A connections are thus limited, terminating only service with Type 1 connections may access the services specified in 4.3. Direct dialed calls to community information services of an information provider, public response calling networks and calls to 911 may not be completed through tandem interconnections in some cases. Connections used for these types of calls, as well as Operator Service Circuit connections required for Directory Assistance Call Completion, are only subject to the charges under 3.5. With Type 2B connections, calls may terminate only to directory numbers served by the end office where the Type 2B interface is located.
- 4.3 Except as noted in 4.2, terminating service may be used to access valid NXXs in the LATA, operator services, Directory Assistance (411 and 555-1212), emergency reporting service (911), exchange telephone repair and business offices, community information services of an information provider, and the services of an interexchange carrier. Easy Access Dialing under Section 13 of the Access Service Tariff is required where the service is provided from an equal access office.
- 4.4 For Type 1 service, the Company shall select the first point of switching within the selected LATA. The carrier may request a different first point of switching where facilities and measurement capabilities are available. When required by technical limitations, a separate service group will be established for each type of switching arrangements. Separate service groups may be required in each direction for two-way operation. Different types of facilities or switching arrangements may not be combined in a single service group.
- 4.5 The calling scope available to the landline customers is available to the carrier subject to 4.4.
 - A. Tandem (Type 2A) interconnections require the carrier to designate an end office to determine the tandem interconnection service's flat-rate calling scope and rate center. The carrier may have only one rate center designated per service group per tandem office. These types of interconnections are available only where the following conditions are met:
 - 1. the designated end office is a subtending office of the tandem; and
 - 2. the designated end office is within the Wireless Carrier Service Area of that carrier's system.

3rd Revised Sheet 5.1 Replacing 2nd Revised Sheet 5.1

WIRELESS CARRIER INTERCONNECTION SERVICE

- 4. DESCRIPTION OF SERVICE (cont'd)
 - 4.5 The calling scope available to the landline customers is available to the carrier subject to 4.4. (cont'd)
 - B. Type 1, Type 2B and line side interconnections may only be to end offices that serve telephone subscribers within the Wireless Carrier Service Area of the carrier's system.

(RT) (RT)

4.6 Area Wide Calling Plan

Eligible Wireless carriers may elect to utilize an Area Wide Calling Plan (AWCP) in conjunction with their Type 2A Service. With the AWCP, the wireless carrier will pay usage sensitive AWCP charges in lieu of a Company end user paying intraLATA toll charges. Charges to wireless carriers vary, depending on which AWCP Option the wireless carrier selects. AWCP Options 1 and 2 are described in Paragraphs 7.3.A and 7.3.B of this Tariff.

- A. AWCP is not available to wireless carriers that are subject to obligatory Telephone Number Portability as described in the FCC's "Second Report and Order, In the Matter of Local Number Portability," FCC 97-289.
- B. To maintain eligibility for AWCP, the wireless carrier must agree that no wireless telephone number shall be voluntarily ported to any other wireless carrier or telecommunications carrier.
- C. Wireless carriers subscribing to AWCP acknowledge and understand that no telephone number ported to the wireless carrier from any other wireless or telecommunications carrier will be part of the AWCP plan.
- D. AWCP services provided to any wireless carrier will be discontinued no later than the day before the wireless carrier becomes subject to obligatory Telephone Number Portability, as referenced in A. above. However, the Company may, with twelve (12) months prior written notice, discontinue AWCP service for any wireless carrier which, according to existing law at the time of the notice, will be subject to obligatory Telephone Number Portability within the following eighteen (18) months.

Cause No. PUD 200500456 Order No. 514693 Tracking No. 2nd Revised Sheet 5.2 Replacing 1st Revised Sheet 5.2

WIRELESS CARRIER INTERCONNECTION SERVICE

- 4. DESCRIPTION OF SERVICE (cont'd))
- 4.7 Type 2B Interconnection is subject to the following rules:
 - A. Calls completed via the Type 2B interconnection circuits are terminated in, or originated by, directory numbers (DN's) served only by that specific Company end office. A Type 2B interface may be used with the Type 2A interface on a high-usage alternate routing basis to serve high-volume traffic between the MSC and the Company end offices.
 - B. Company end offices available for Type 2B interconnection will be restricted to those offices having the required capabilities (e.g., measuring and recording). Generally, available offices include those large offices with stored program control (SPC) type technology.
 - C. Type 2B trunks will be available on a one-way or two-way basis where facilities and equipment permit.
 - D. Type 2B calls cannot be routed to services provided by Feature Group B (FGB), Feature Group C (FGC), or Feature Group D (FGD) Interexchange carriers, international carriers, or operator services, public response networks, directory assistance, or Type 2A or Type 2B interconnections of other carriers.
 - E. Type 2B connections used with a Type 2A connection will utilize the same NXX code(s) assigned to the Type 2A and no additional charges apply. If the wireless carrier utilizes a Type 2B as stand alone interconnection and uses the interconnection for originating traffic, the wireless carrier has the option of using a dedicated NXX code.
 - F. The selection of Type 2B end offices may be inside or outside the flat-rate calling scope of the designated Type 2A rate center subject to office capability. Landline to mobile charges will still be based on the calling area designated for the Type 2A.

Cause No. PUD 200500456 Order No. 514693 Tracking No. 4th Revised Sheet 6 Replacing 3rd Revised Sheet 6

WIRELESS CARRIER INTERCONNECTION SERVICE

5. FEATURES

5.1 Optional Features - Nonchargeable

A. Outpulsing

This option provides the end office capability of providing up to ten digits of the called party telephone number to the carrier's location. The carrier may request that only some of the digits in the telephone number be forwarded. When a steering digit is required (e.g., third digit of the NXX code), only seven digit outpulsing will be furnished.

B. Delay Dial Start-Pulsing Signaling

This option provides a method of indicating to the originating trunk circuit a readiness to accept address signaling information by the terminating trunk circuit. Delay dial is the off-hook, on-hook signaling sequence. The delay dial signal is the off-hook interval and the start-pulsing signal is the on-hook interval. With integrity check, the calling offices will not out-pulse until a delay dial (off-hook) signal followed by a start-pulsing (on-hook) signal has been identified at the calling office.

C. Immediate Dial Pulse Address Signaling

This option forwards dial pulses from the Company end office to the carrier without a start-pulsing signal from the carrier. This option is available only to carriers who have existing dial pulse services. Such arrangements may be continued under this tariff, but the carrier may not add to or move these arrangements.

D. Dial Pulse Address Signaling

This trunk side option provides for the transmission of number information (e.g., called number) between the Company end office switching system and the carrier's premises (in either direction) by means of direct current pulses.

E. Common Channel Signaling

This option allows a wireless carrier with a Type 2A Interconnection to use SS7 protocol and the concept of CCS to set up calls over the wireless carrier's Type 2A interconnection. This service only provides for the use of CCS for Integrated Digital Network User Part (ISUP and ISDNUP) call set-up messages associated with a Type 2A interconnection.

4th Revised Sheet 7 Replacing 3rd Revised Sheet 7

WIRELESS CARRIER INTERCONNECTION SERVICE

5. FEATURES (cont'd)

5.2 Optional Features-Chargeable

Testing Capabilities

This service is provided, in the terminating direction where appropriate equipment is available (both telephone and carrier), with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. Additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Testing, Manual Scheduled Testing and Nonscheduled Testing are available under Section 13 of the Access Service Tariff. When CCS/SS7 Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Company and the wireless carrier as specified by the Company.

RATE REGULATIONS

The Company's rates for circuits and switching provided in the interconnection and interchange of traffic with wireless carriers are as follows:

- 6.1 Originating Connecting Circuits Type 1 and Type 2A
 - A. The monthly rate for two-wire or four-wire connecting circuits, exclusively used for the interchange of one-way originating traffic, equals the rate for a two-wire or four-wire channel termination and channel mileage (if required), under Section 7 of the Oklahoma Access Service Tariff.
 - B. The monthly rate for a 1.544 Mbps service, equivalent to 24 voice grade circuits, used exclusively for one-way originating traffic equals the rate for a 1.544 Mbps channel termination, multiplexing and channel mileage (if required), under Section 7 of the Oklahoma Access Service Tariff.
 - C. The charge for connecting circuits at speeds greater than 1.544 Mbps used exclusively for the interchange of one-way originating traffic shall be determined on an individual case basis.
 - D. The recurring charges, other than terminating usage charge, for connecting circuits used for originating and terminating traffic (two-way connecting circuits) shall be prorated. The charge for each two-way circuit will be 18% of the charge specified in Paragraph 6.1.A or 6.1.B. preceding. There should be no prorate associated with connecting circuits associated with speeds greater than 1.544 Mbps. In addition, all terminating traffic interchanged over two-way circuits is subject to terminating usage as described in 6.2 following.

Cause No. PUD 200500042 Order No. 508813 Tracking No. 5th Revised Sheet 8 Replacing 4th Revised Sheet 8

WIRELESS CARRIER INTERCONNECTION SERVICE

- 6. RATE REGULATIONS (cont'd)
- 6.2 Terminating Connecting Circuits Type 1 and Type 2A
 - A. No charge, except for terminating usage charges as described, shall be assessed for connecting circuits used exclusively for the interchange of terminating traffic.
- (AT)

 B. Terminating usage charges shall not apply pursuant to this tariff except as set forth in this section. In accordance with 47 CFR Section 20.11 and the FCC's ruling in CC Docket No. 01-92; FCC 05-42 (*T-Mobile Order*), terminating usage charges shall be negotiated as part of an interconnection agreement between the Wireless Carrier and the Company. Prior to the negotiation of an interconnection agreement, but after a request for negotiation for such agreement has been made by the Wireless Carrier or the Company, the Company shall assess terminating usage charges calculated in accordance with 47 CFR Section 20.11 for interim rates. (RT)

(RT)

(CT) C. When facilities are provided to a switching office (end office) other than the wireless carrier's serving wire center, channel termination, channel mileage and multiplexing charges, where applicable, as found in Section 7 of the Access Service Tariff will apply. Channel mileage calculations will be on an airline basis using V&H coordinates between the entry end office switch where the service is provided and the wireless carrier's serving wire center.

(RT)

- 6. RATE REGULATIONS (cont'd)
- 6.2 Terminating Connecting Circuits Type 1 and Type 2A (cont'd)
- (CT) D. Equal access connecting circuits are one-way terminating, tandem connections used exclusively for the delivery of interexchange equal access traffic from the wireless carrier's network. The charges are equivalent to a two-wire channel termination, four-wire channel termination or a 1.544 Mbps channel termination and the appropriate channel mileage when required. See Section 7 of the Oklahoma Access Service Tariff for channel termination and channel mileage charges. No terminating usage charges apply to equal access connecting circuits.
 - 6.3 Common Channel Signaling/Signaling System Seven (CCS/SS7) Signaling Links

CCS/SS7 signaling links, as defined in Section 23 of the Oklahoma Access Service Tariff are also available to wireless carriers. In addition to the rate elements for the CCS/SS7 signaling links, a switched access order charge, as defined in Section 5.2 of the Oklahoma Access Service Tariff, is also applicable.

6.4 Nonrecurring Charges - Type 1 and Type 2A

The nonrecurring charges for all one-way and two-way connecting circuits shall be the same as for originating circuits in paragraphs 6.1.A. and 6.1.B.

(CT) 6.5 Vacant

(RT) | (RT)

6.6 Type 2B Service

- A. Company rates for services for Type 2B interconnection and interchange of traffic with wireless carriers shall consist of (1) monthly rates for one-way or two-way connecting circuits and associated facility terminations that connect the wireless carrier's MSC to the Company's serving end offices and (2) traffic originating on the wireless carrier's network and terminating on the Company's intraLATA wireline exchange network will be billed on a usage sensitive per minute of use basis.
- B. The monthly rate for 1.544 Mbps service, equivalent to 24 voice grade circuits, shall be the rate for a 1.544 Mbps channel termination and, if applicable, channel mileage, multiplexing, and associated facility terminations. Access rate elements and rates are specified in Section 7 of the Oklahoma Access Service Tariff.

6. RATE REGULATIONS (cont'd)

6.6 Type 2B Service (cont'd)

- C. The monthly rate for a two-wire or four-wire connecting circuit shall be the rate for a two-wire or four-wire channel termination and channel mileage, if applicable, and associated facility terminations. Access rate elements and rates are specified in Section 7 of the Oklahoma Access Service Tariff. Rates for facility terminations are in Paragraph 7.2.
- (AT)

 D. Terminating usage charges shall not apply pursuant to this tariff except as set forth in this section. In accordance with 47 CFR Section 20.11 and the FCC's ruling in CC Docket No. 01-92: FCC 05-42 (*T-Mobile Order*), terminating usage charges shall be negotiated as part of an interconnection agreement between the Wireless Carrier and the Company. Prior to the negotiation of an interconnection agreement, but after a request for negotiation for such agreement has been made by the Wireless Carrier or the Company, the Company shall assess terminating usage charges calculated in accordance with 47 CFR Section 20.11 for interim rates.

 (RT)

6.7 Area Wide Calling Plan (AWCP) Connecting Circuits

A. AWCP Option 1

The charges for originating calls under the AWCP are on a minute of use and a per completed call basis at the rates listed in Paragraph 7.3 of this Tariff. The AWCP charges apply for all Company landline originated calls to wireless carrier end users. Recording for the non-distance sensitive minute of use charge begins when the Company end office receives answer supervision from the wireless carrier's MSC. The per call charge will only apply on completed calls. The Company end user customers will not be charged when generating calls to an AWCP NXX.

When a wireless carrier subscribes to AWCP, a dedicated one-way originating Type 2A trunk group is established solely for completion of AWCP calls. Flat rate recurring charges are not applicable for this trunk group. However, nonrecurring charges, as detailed in Paragraph 6.3 apply for each circuit in the AWCP trunk group.

6. RATE REGULATIONS (cont'd)

6.7 Area Wide Calling Plan Connecting Circuits (cont'd)

A. AWCP Option 1 (cont'd)

Each wireless carrier who subscribes to AWCP must either activate another NXX or convert one of their existing NXXs for exclusive use of their AWCP end users. Only calls to the AWCP NXX receive the billing benefits of AWCP. Calls to non-AWCP NXXs will continue to generate appropriate charges to the Company end user. The rate for the conversion of an NXX to the AWCP is listed in Paragraph 7.5.D. of this Tariff.

The Minimum Monthly Usage Charges associated with AWCP are determined by the number of connecting circuits used in the one-way originating Type 2A trunk group for AWCP. For Type 1 service, the minimum monthly charge is \$80.00 for a voice grade circuit and \$445.00 for a high capacity facility. For Type 2A service, the minimum monthly charge is \$120.00 for a voice grade circuit and \$1,030.00 for a high capacity service. Both the AWCP per call revenue and minute of use revenue are included in the determination of the MMUC.

Wireless carriers must notify the Company at least two weeks in advance of any change in their AWCP Options (i.e., changing from Option 1 to Option 2, adding, deleting or changing AWCP telephone numbers, etc.).

B. AWCP Option 2

The charges for originating calls under Option 2 of the AWCP are on a per minute of use basis and only apply to interexchange calls initiated by the Company's end user customers. The charges that will be billed to the wireless carrier include Local Switching, Local Transport and Carrier Common Line charges as found in Paragraph 7.3.B of this Tariff. Local Transport mileage charges shall be calculated or measured on a V&H coordinate basis, from the landline calling party's end office to the wireless carrier's end office rate center. The Company's end user customers will not be charged when generating calls to an AWCP NXX.

When a wireless carrier subscribes to AWCP, a dedicated one-way originating Type 2A trunk group is established solely for the completion of AWCP calls. Flat rate recurring charges and nonrecurring charges as described in Paragraph 6.1.A or 6.1.B of this Tariff, are applicable for this trunk group in addition to the AWCP Option 2 usage charges. Wireless carriers may combine Option 1 and Option 2 calls on this trunk group.

Minimum Monthly Usage Charges (MMUC) do not apply to AWCP-Option 2 circuits.

Wireless carriers must notify the Company at least two weeks in advance of change in their AWCP options (i.e., changing from Option 2 to Option 1, adding, deleting or changing AWCP telephone numbers, etc.).

(CT)

(RT)

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(MT)

(MT)

(CT)

Wireless Interconnection Service Tariff

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WIRELESS CARRIER INTERCONNECTION SERVICE

- 6. RATE REGULATIONS (cont'd)
- 6.8 Common Channel Signaling/Signaling System Seven (CCS/SS7)
 - A. Type 2A Interconnection Service using CCS/SS7 allows a wireless carrier with a Type 2A Interconnection to use the SS7 protocol and CCS to set-up calls over the Type 2A interconnecting trunk group.
 - B. Availability of CCS/SS7 signaling is limited to One-way Originating or One-way Terminating trunks. CCS/SS7 is not available with Two-way Interconnection.
 - C. This service provides only for the use of CCS for Integrated Service Digital Network User Part (ISUP or ISDNUP) call set-up messages associated with a Type 2A connection provided by the Company.
 - D. The only charges associated with this service are nonrecurring in nature to convert existing or new Type 2A circuits to CCS/SS7 signaling. New Type 2A circuits installed with CCS/SS7 signaling will not incur the nonrecurring charge.
 - E. CCS/SS7 signaling links as defined in Section 23 of the Oklahoma Access Service Tariff are also available to customer of this Tariff. The CCS/SS7 links must be purchased in pairs (link sets). In addition to the rate elements for the CCS/SS7 signaling links, a switched access order charge as defined in Section 5.2 of the Oklahoma Access Service Tariff, is also applicable.

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WIRELESS CARRIER INTERCONNECTION SERVICE

7. RATE AND CHARGES

(CT) 7.1 Vacant

(RT)
(MT)
(MT)

(RT)

7. RATE AND CHARGES (cont'd)

7.2 Facility Terminations - Type 2B Service

A facility termination charge applies per 1.544 Mbps facility if terminated in a digital office or per voice grade channel if terminated in an analog office. The voice grade termination charges are applicable if the circuits are demultiplexed or provided as individual voice grade circuits from the carrier's premises.

	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring Charge
A. 1.544 Facility Termination	MFT21	\$68.00	\$6.75
B. One-Way Originating			
1. 2-wire	MFT22 MFT24	14.50 55.00	6.75 6.75
C. One-Way Terminating			
1. 2-wire 2. 4-wire	MFT22 MFT24	14.00 55.00	6.75 6.75
D. Two-Way			
1. 2-wire	MFT22 MFT24	55.00 55.00	6.75 6.75

7.3 Area Wide Calling Plan Usage rate - Per Minutes of Use

			Per Completed Call	Per <u>Minute</u>
(MT)	A.	Option 1	\$.01	\$.02
	B.	Option 2 – Outside the Flat Rate Calling Scope		
		Local Switching		.008968
		Local Transport		.002 .006 .026170 .035420
(MT)		Carrier Common Line		.009168

- 7. RATE AND CHARGES (cont'd)
- 7.3 Area Wide Calling Plan Usage rate Per Minutes of Use (cont'd)
 - B. Option 2
- When the wireless carrier offers AWCP-Option 2 to their end user patrons, the wireless carrier (CT) shall be charged Outside the Flat Rate Calling Scope wireless interconnection rates preceding on Company subscriber interexchange calls destined to wireless carrier's end user patrons.

No usage charges will apply for local calls generated by Company end users and destined to AWCP-Option 2 subscribers.

In addition to usage charges for AWCP-Option 2 calls, the wireless carrier will also be charged for their originating interconnection circuits used for AWCP-Option 2 traffic. These charges will be the same charges as specified in Paragraph 6.1 of this Tariff.

7.4 Telephone Number Groups and Dedicated NXX Charges (1)

		<u>USOC</u>	Nonrecurring <u>Charge</u>	<u>USOC</u>	<u>S&E</u>
A.	First 100 numbers assigned (2)	RS1	\$ 160.00	NRBC9	\$6.75
В.	Per additional 100 numbers assigned (2)	RS1	80.00	NRBC9	6.75
C.	First 1000 numbers assigned	RQE	720.00	NRBC9	6.75
D.	Per additional 1000 numbers assigned (2)	RQE	675.00	NRBC9	6.75
E.	Per dedicated NXX code	RSA	6,200.00	NRBC9	6.75

- (1) Due to an order(s) of the Federal Communications Commission in CC docket 96-98 and under protest, the application of charges for telephone numbers are suspended and will remain suspended for only so long as and to the extent necessary to comply with such order(s) pending reconsideration, appeal or other remedial action. This suspension does not apply to AWCP NXX conversion.
- (2) Applies to Type 1 only.

- 7. RATE AND CHARGES (cont'd)
- 7.3 Area Wide Calling Plan Usage rate Per Minutes of Use (cont'd)

		USOC	Nonrecurring <u>Charge</u>
A.	Type 2B Nonrecurring Charge		
	For Type 2B service, a nonrecurring installation charge applies per end office connected to the MSC via Type 2B connections, Per Type 2B end office	AG9	\$230.00
B.	Change from Type 1 to Type 2A		
	When changing from Type 1 to Type 2A interconnection and retaining the same NXX code, a charge applies per end office where retranslations are required, per end office	NRBCL	65.00
C.	Re-designate the end office rate center for Type 2A, per change (1)	NRBCX	50.00
D.	Change existing NXX to an AWCP NXX	NRBC8	650.00
7.6	Directory Assistance		
			_ Rate_
	Directory Assistance Service call, each		\$.297500
7.7	Directory Assistance Call Completion		
	Multi Rate Option, per DACC completed call		.20
	Single Rate Option, per DA call		.65
	Billing Tape, per billing tape		6.00

(1) Requires two weeks notice to the Company.

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WIRELESS CARRIER INTERCONNECTION SERVICE

8. WIRELESS 911 CONNECTION CIRCUITS

Wireless 911 connection circuit service is provided to the Wireless Carrier to enable the Wireless Carrier's use of the Company's 911 network service elements which the Company uses in the provision of Enhanced 911 Universal Emergency Number/911 Telecommunications Services (E911), where the Company is the 911 service provider. E911 Service is the functionality to route wireless 911 calls and the associated caller and/or location data of the wireless end user to the appropriate Public Safety Answering Point. The Federal Communications Commission has, in FCC CC Docket 94-102, ordered that providers of Commercial Mobile Radio Service (CMRS) make available to their end users certain E911 services, and has established clear and certain deadlines by which said service must be available. Wireless Connection Circuit service is compatible with CMRS provider Phase I and Phase II E911 obligations, as described in FCC CC Docket 94-102. Wireless 911 connection circuit service is only available to Carriers for use in the provision of Universal Emergency Number Service, to the extent required by the Telecommunications Act of 1934, as amended by the Telecommunications Act of 1996 ("the Act"), 47 USC Section 151 and the rules and regulations of the Federal Communications Commission and the Oklahoma Corporation Commission.

- 8.1 Wireless 911 Connection Circuit Service is provided with Wireless 911 connection circuits, as described following:
 - A. Wireless 911 connection circuit is a DS0 level one-way, non-measured 4-wire terminating trunk with SS7 functionality that is transported from the Wireless Carrier's Mobile Switching Center (MSC) to the Company's designated 911 Selective Router Switch, as technically defined in Telcordia Technical Reference GR145-CORE. The Wireless 911 connection circuits must be dedicated to 911 service use. Both recurring and nonrecurring charges apply to this service.
 - B. The Wireless Carrier must provide a minimum of two dedicated Wireless trunks from the point of connection to the 911 Selective Routing Switch for the provision of 911 service.
 - C. In addition to the Wireless connection circuits, the Wireless Carrier must provide the DS1 level facility, used exclusively for delivery of 911 emergency traffic, to transport the DS0 level trunks. The Carrier may purchase the DS1 level facility from the Company as outlined in Section 7 of the Access Service Tariff.

1st Revised Sheet 18 Replacing Original Sheet 18

WIRELESS CARRIER INTERCONNECTION SERVICE

- 8. WIRELESS 911 CONNECTION CIRCUITS (cont'd)
- 8.2 Wireless 911 Connection Circuit service is subject to the following terms and conditions:
 - A. The prices for Wireless 911 Connection Circuit service do not include the inspection or monitoring of the Wireless Carrier's facilities to discover errors, defects and malfunctions in the service, nor does the Company undertake such responsibility. The Wireless Carrier shall be responsible for making such operational tests as, in the judgment of the Carrier, are required to determine whether the facility is functioning properly for its use. The Wireless Carrier shall promptly notify the Company in the event that their facilities are not functioning properly.
 - B. Notwithstanding anything to the contrary contained herein, the Company's liability to the requesting Wireless Carrier and any third person shall be limited to the maximum extent permitted by Applicable Law. Under no circumstances shall the Company incur any liability, direct or indirect, to any other person on whose behalf a 911 call is made.
 - C. The Company will not be liable to the Wireless Carrier or its customers for any failure with respect to the completion of emergency calls made to an Operator.
 - D. If applicable, the 911 calling party forfeits the privacy afforded by Non-Published and Non-List Directory Listing Service to the extent that the name, telephone number, address and language, medical, and disability information associated with the originating station location are furnished to the Public Safety Answering Point.
 - E. The Wireless Carrier shall be responsible for the payment of all charges billed by the Company for the provision of Wireless 911 Connection Circuit service as prescribed in this tariff, by law, and/or any applicable agreement with the Wireless Carrier. The Company shall not be liable for disconnection for nonpayment of applicable charges, resulting from the Wireless Carrier's provision of Universal Emergency Number/911 Telecommunications Service.
 - F. Before implementing Phase II E911 service within a particular E911 service area, the Wireless Carrier shall provide the Company with five months advance notice. The Call Path Associated Signaling solution does not support Phase II and Wireless Carriers that utilize CAS for Phase I will be required to migrate to NCAS or Hybrid solutions for Phase II implementation.
- 8.3 Wireless carriers subscribing to Wireless 911 Connection Circuit Service incur the following responsibilities:

Once E911 trunking has been established and tested between the Wireless Carrier's MSC and all appropriate Selective Router Switches, the Wireless Carrier or its representatives shall be responsible for providing Carrier's Automatic Location Identification (ALI) Records to the appropriate 911 Database Provider. Where the Company is the 911 Database Provider and the Wireless Carrier deploys a CAS or Hybrid CAS solution, the following requirements shall apply:

1st Revised Sheet 19 Replacing Original Sheet 19

WIRELESS CARRIER INTERCONNECTION SERVICE

- 8. WIRELESS 911 CONNECTION CIRCUITS (cont'd)
- 8.3 Wireless carriers subscribing to Wireless 911 Connection Circuit Service incur the following responsibilities: (cont'd)
 - A. The Wireless Carrier or its agent shall provide initial and ongoing updates of the Wireless Carrier's ALI Records that are in electronic format based upon established National Emergency Number Association (NENA) standards.
 - B. The Wireless Carrier shall adopt use of a Company ID on all Carrier ALI Records in accordance with NENA standards. The Company ID is used to identify the dial tone provider.
 - C. The Wireless Carrier is responsible for providing updates to the Company ALI database; in addition, the Wireless Carrier is responsible for correcting any errors that may occur during the mechanized entry of its data to the Company 911 Database Management System (DBMS).

Where the Wireless Carrier deploys an NCAS solution, the following requirements shall apply:

- A. Wireless Carrier's designated third party provider shall perform the above database functions.
- B. Wireless Carrier's designated third party provider shall be responsible for ensuring the Wireless Carrier's Shell Records for ALI are submitted to the Company, for inclusion in the Company's DBMS on a timely basis, once E911 trunking has been established and tested between the Wireless Carrier's Mobile Switching Center (MSC) and all appropriate SRs.
- C. Wireless Carrier's third party provider shall provide initial and ongoing updates of Wireless Carrier's Shell Records for ALI that are in electronic format based upon established NENA standards.
- D. In all applications (CAS, NCAS, HCAS), the Wireless Carrier shall be responsible for any additional database charges incurred by the Wireless Carrier or its third party agent for errors in the Company ALI database.
- E. The Wireless Carrier shall be solely responsible for providing test records and conducting call-through testing on all new licensed areas.
- F. The Wireless Carrier will be required to provide a 56 Kbps frame relay circuit to send the location data from a third party database or a third party Mobile Positioning Center (MPC) to the Company's ALI Server. The Wireless Carrier may purchase this circuit from a vendor of its choice.

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E.

1st Revised Sheet 20 Replacing Original Sheet 20

See Part 7 of the Access Service Tariff

WIRELESS CARRIER INTERCONNECTION SERVICE

8. WIRELESS 911 CONNECTION CIRCUITS (cont'd)

DS1 Transport Facility, if required

- 8.4 The following rates apply to Wireless 911 Connection Circuit service:
 - A. Monthly rates apply on a per trunk basis. A nonrecurring charge applies for each request to establish or change a Wireless 911 connection trunk, on a per trunk basis.
 - B. The minimum service period for Wireless 911 connection trunks is 30 days.
 - C. Prices for route diversity will be determined on an individual case basis (ICB).

		Monthly <u>Price</u>	Nonrecurring <u>Charge</u>
D.	Wireless 911 Connection Circuit - per DS0 channel	\$33.22	\$110.00