

Exhibit No. 16
Date 10-12-99 Case No. TT-99-458
Reporter DURBIN

**STATE OF MISSOURI
OFFICE OF THE PUBLIC SERVICE COMMISSION**

I have compared the preceding copy with the original on file in this office and

I do hereby certify the same to be a true copy therefrom and the whole thereof.

**WITNESS my hand and seal of the Public Service Commission, at Jefferson
City,**

Missouri, this 07th day of October, 1999.

Dale Hardy Roberts

**Dale Hardy Roberts
Secretary/Chief Regulatory Law Judge**

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 3
5th Revised Sheet 13
Replacing 4th Revised Sheet 13

ACCESS SERVICES

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3. CARRIER COMMON LINE ACCESS SERVICE--(Continued)

SEP 22 1994

3.7 Rate Regulations--(Continued)

- E. When the customer reports interstate and intrastate use of public service comm. Switched Access Service, the Carrier Common Line Access Transitional Charge will be billed only to intrastate Switched Access Service access minutes based on the data reported by the customer as set forth in Section 2, Paragraph 2.3.12. The intrastate Switched Access Service access minutes will, after adjustments as set forth in Paragraph D, preceding, when necessary, be used to determine the Carrier Common Line Charges as set forth in Paragraph F, following.

(RT)

(RT)

3.8 Rates and Charges

The rates for Carrier Common Line Access are:

(RT)

Rate

InterLATA Access

Access Minute, each terminating (CR) \$0.098133

Access Minute, each originating (CR) 0.010000

IntraLATA Access

Access Minute, each terminating (CR) \$0.098133

Access Minute, each originating (CR) 0.010000

Issued: SEP 22 1994

Effective: ~~OCT 2 9 1994~~

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

FILED

OCT 1 1994

95 - 85

MISSOURI

Public Service Commission

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Service Tariff

Section 6

8th Revised Sheet 83

Replacing 7th Revised Sheet 83

ACCESS SERVICES

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6. SWITCHED ACCESS SERVICE-(Continued)

6.11 Rates and Charges

SEP 22 1994

6.11.1 Local Transport

A. Call MilesMO. PUBLIC SERVICE COMM.
Rates Per Access Minute

0 to 1.	(CR) \$.0050
Over 1 to 25.0077
Over 25 to 500162
Over 50	(CR) .0274

B. Access Order ChargeNonrecurring
Charge
(See Section 5.2.2)C. Installation Charge
(Per Line or Trunk
per Access
Order)

Group	First Line or Trunk	Additional Line or Trunk
FGA, BSA-A	\$131.00	\$68.00
FGB, BSA-B	152.00	54.00
FGC, BSA-C	160.00	54.00
FGD, BSA-D	160.00	54.00

D. Rollover Charge

A Nonrecurring Charge(s) will apply when a customer requests a Rollover of a Switched Access Service facility(ies) as described in paragraph 6.10.10. The Nonrecurring Charge(s) is applied on a first and additional basis, per Access Order, as specified below.

- (a) When a Voice Frequency facility is moving to a DS1 facility, a Nonrecurring charge will apply per line or trunk, as follows:

	USOC	First Line	Additional Line
FGA/BSA-A	NRBRW	\$90.00	\$50.00
		First Trunk	Additional Trunk
FGB, FGC, FGD, BSA-B, BSA-C, BSA-D	NRBRW	\$125.00	\$40.00

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OCT 1 1994

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By HORACE WILKINS, JR., President-Missouri Public Service Commission
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Service Tariff
Section 6
11th Revised Sheet 85
Replacing 10th Revised Sheet 85

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ACCESS SERVICES

6. SWITCHED ACCESS SERVICE- (Continued)

1994

6.11 Rates and Charges- (Continued)

MISSOURI PUBLIC SERVICE COMMISSION

6.11.2 Local Switching

A. Local Switching

Rates Per Access Minute

1. Bundled

LS1 - Feature Groups A & B. \$0.008480
except for Feature Groups A and B terminating
calls to WATS Access Line Service

LS2 - Feature Groups C & D.008480
and for Feature Groups A and B terminating calls to WATS Access
Line Service and for 800 and/or 1+900 Access Service access
minutes originating from nonequal access end offices when combined
with tandem-routed FGD traffic. Also for 950-XXXX access end
offices when combined with FGD traffic (FGD or BSA-D With 950
Access feature).

(AT)

2. Unbundled

LS1 - BSA-A and BSA-B, except for BSA-A and BSA-B terminating
calls to WATS Access Line Service. \$0.008464

LS2 - BSA-C and BSA-D, BSA-A and BSA-B terminating calls to WATS
Access Line Service, 800 NPAS and 900 Access Service access
minutes originating from non-equal access end offices when
combined with tandem routed BSA-D traffic and 950-XXXX access
minutes originating from equal access end offices and combined
with BSA-D traffic. (FGD or BSA-D with 950 access feature).
. \$0.008464

3. 900 Access Service NXX Activation Charge

Per NXX, per Equal Access End Office within
a LATA. Applies to NXX code(s) activation
subsequent to the customers initial request
for service.

Nonrecurring Charge	
First NXX	Additional NXX
\$26.00	\$13.00

(AT)

0+900 Access Service Installation Charge

Per end office that requires modification,
within a LATA.

Nonrecurring
Charge

\$548.00

FILED

(AT)

JAN 6 1995

Issued: DEC 06 1994

Effective:

JAN 06 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone

MISSOURI
Public Service Commission

P.S.C. Mo.-No. 40

No supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

(CT)Wireless Carrier
Interconnection Service Tariff
Application of Tariff
2nd Revised Sheet 1
Replacing 1st Revised Sheet 1

APPLICATION OF TARIFF

MAY 27 1994

This tariff supersedes General Exchange Tariff, P.S.C. Mo.-No. 35, issued December 29, 1983, effective January 1, 1984, and all subsequent revisions thereto.

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Public Service Commission

- (CT) This tariff contains the regulations and rates applicable to all Wireless
- (CT) Carriers and Specialized Mobile Radio Providers licensed under Parts 22 or 90 of the FCC Rules and Regulations who provide Radio Telecommunications Service excluding Rural Radio Services.

FILED

JUL 15 1994

Issued: MAY 31 1994

Effective: JUL 15 1994

~~JUL 14 1994~~

MISSOURI

By M. H. SCHULTEIS, Division Manager-Regulatory & Industrial Service Commission
Southwestern Bell Telephone Company

No supplement to this
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of canceling this tariff.

(CT)Wireless Carrier
Interconnection Service Tariff
Application of Tariff
1st Revised Sheet 2
Replacing Original Sheet 2

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EXPLANATION OF SYMBOLS

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

MAY 27 1994

MISSOURI
Public Service Commission

FILED

JUL 15 1994

Issued: MAY 31 1994

Effective: JUL 15 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Industrial Relations
Southwestern Bell Telephone Company

MISSOURI
Public Service Commission

No supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Wireless Carrier
Interconnection Service Tariff
Index

6th Revised Sheet 1
Replacing 5th Revised Sheet 1

Missouri Public
Service Commission

INDEX
WIRELESS CARRIER INTERCONNECTION SERVICE

REC'D NOV 17 1998

1. GENERAL	
2. DEFINITIONS	1-3
3. GENERAL REGULATIONS	3-8
3.1 Liability of the Telephone Company	3-4
3.2 Obligations of the Carrier	4
3.3 Payments, Deposits and Termination of Service	5-6
3.4 Directory Listings	6
3.5 Directory Assistance	6
3.6 Directory Assistance Call Completion (DACC)	6.01
3.7 Operator Service	7
3.8 Special Construction	7
3.9 Radio Transmitter Links	7
3.10 Additional Engineering and Labor	7
3.11 Assignment and Transfer of Facilities	7
3.12 Special Service Arrangements	7.01
3.13 Telephone Numbers	7.01
3.14 End User Common Line Charges	8
3.15 Wireless Carrier Provided Facilities	8
4. DESCRIPTION OF SERVICE	8-11
4.1 Voice Activated Dialing	8.01
4.2 Interconnection Service Circuits	8-9
4.3 Calling Scope and Rate Center	9-10
4.4 Area Wide Calling Plan	10
4.5 Type 2B Interconnection	10-11
5. FEATURES	11-12
5.1 Optional Features-Nonchargeable	11-12
5.2 Optional Features-Chargeable	12.01
6. RATE REGULATIONS	12.01-16.01
6.1 Originating Connecting Circuits-Type 1 and Type 2A ..	12-13
6.2 Terminating Connecting Circuits-Type 1 and Type 2A ..	13-14.01
6.3 Nonrecurring Charges-Type 1, Type 2A and DACC Operator Circuits	14.01
6.4 Minimum Monthly Charges-Type 1 and Type 2A	14.01
6.5 Type 2B Service	14.01-15
6.6 Area Wide Calling Plan Connecting Circuits	15.01
6.7 Common Channel Signaling/Signaling System Seven (CCS/SS7)	16.01
6.8 Voice Activated Dialing	16.02

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DEC 1 2 1998

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Wireless Carrier
Interconnection Service Tariff
Index
4th Revised Sheet 1.01
Replacing 3rd Revised Sheet 1.01
**Missouri Public
Service Commission**

INDEX

WIRELESS CARRIER INTERCONNECTION SERVICE **REC'D NOV 12 1998**
SHEET

7. RATES AND CHARGES	16.02-20
7.1 Terminating Usage Rates	16.03
7.2 Facility Terminations - Type 2B Service	16.03-17
7.3 Area Wide Calling Plan Usage Rates.	17
7.4 Directory Assistance Service.	18
7.5 Telephone Number Groups and Dedicated NXX Charges	18
(RT) 7.6 Nonrecurring Charges.	19-20
(FC)	

**Missouri Public
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Effective:

DEC 12 1998

By PRISCILLA HILL-ARDOIN, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Wireless Carrier
Interconnection Service Tariff
4th Revised Sheet 1
Replacing 3rd Revised Sheet 1

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WIRELESS CARRIER INTERCONNECTION SERVICE

1. GENERAL

JAN 07 1998

- 1.1 This Tariff contains regulations, rates and charges applicable to the provision of Wireless Carrier Interconnection Services to all carriers for Type 1, Type 2A and Type 2B arrangements as found, for descriptive purposes only, in the Bell Communications Research, Inc. Technical Reference TR-NPL-000145, Compatibility Information for the Interface between a Cellular Mobile Carrier and a Wireline Exchange Carrier dated April 1986 and Technical Reference TR-EOP-000352, Cellular Mobile Carrier Interconnection Transmission Plans, dated May 1986. This Tariff is also applicable to all carriers for line-side interconnection as found, for descriptive purposes only, in Bell System Technical References, Number 43303 dated December 1981.
- 1.2 This Tariff provides, where facilities are available, connection with Southwestern Bell Telephone Company's (SWBT's) network for originating calls from a landline customer to a wireless carrier and for terminating calls from a wireless customer to a landline customer.
- 1.3 This Tariff also provides SWBT facilities and services for Common Channel Signaling/Signaling System Seven (CCS/SS7) Service.
- 1.4 These Regulations and Rates are in addition to the Regulations, Rates and Charges in other Telephone Company tariffs.
- (AT) 1.5 This tariff applies except as otherwise provided in an interconnection agreement approved by the
(AT) Commission pursuant to the Federal Telecommunications Act of 1996.

2. DEFINITIONS

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

Access Services Tariff - SWBT's Intrastate Access Services Tariff on file with the Missouri Public Service Commission, offering exchange access to interexchange carriers.

Common Channel Signaling (CCS) - Denotes a high speed packet switched communications network which is separate (out of band) from the public packet switched and message networks. Its purpose is to carry addressed signaling messages for individual trunk circuits and/or data base related services between Signaling Points in the CCS network.

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.

FILED

FEB 06 1998

9 7-52 4
MISSOURI

Public Service Commission

Issued: JAN 07 1998

Effective: FEB 06 1998

By PRISCILLA HILL-ARDOIN, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Wireless Carrier
Interconnection Service Tariff
4th Revised Sheet 2
Replacing 3rd Revised Sheet 2

WIRELESS CARRIER INTERCONNECTION SERVICE

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2. DEFINITIONS-(Continued)

JAN 07 1998

End Office Rate Center - An end office selected by the wireless carrier as the end for rating (measuring purposes) for Type 2A interconnection.

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Equal Access Connections - A special access circuit between a wireless carrier's mobile switching center (MSC) and a Telephone Company's access tandem for the provisioning of one-way terminating traffic to an interexchange carrier. The connection will allow for the provision of equal access to a wireless carrier's patron.

(AT) Local Service Provider or LSP - A nonincumbent carrier that has obtained the certification and authority necessary to provide basic local exchange services and is providing such service other than on a resale basis.

Other Incumbent Local Exchange Companies or ILECs - Local exchange carriers, other than Southwestern Bell Telephone Company, that on the date of enactment of the Telecommunications Act of 1996 were providing telephone exchange service in an exchange area or their successors.

(AT) Other Telecommunications Carriers - Local Service Providers or Other Incumbent Local Exchange Companies.

Mobile Switching Center (MSC) - A wireless carrier's switching equipment or terminal used to provide the wireless carrier's switching services or alternatively any other point of termination designated by the wireless carrier. The MSC connects the carrier's customers within its Radio Service Area to the Telephone Company's facilities.

NXX Code - A block of 10,000 consecutive telephone numbers having the same 3-digit prefix.

Originating Traffic - Traffic delivered to a wireless carrier for termination on the wireless carrier's system within the Radio 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 SWBT network. For example, 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 - The point of demarcation on a carrier's premises where the Telephone Company's responsibility or service ends.

Radio Transmitter Links - Dedicated voice and/or data circuits provided by the Telephone Company between a wireless carrier's MSC and tower/cell site locations or between tower/cell site locations.

Service Group - A group of wireless carrier's connection service circuits of the same configuration combined into a single service group for traffic handling.

(MT)

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FEB 06 1998
97-524
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FEB 06 1998

Issued: JAN 07 1998

Effective:

By PRISCILLA HILL-ARDOIN, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Wireless Carrier
Interconnection Service Tariff
5th Revised Sheet 3
Replacing 4th Revised Sheet 3

WIRELESS CARRIER INTERCONNECTION SERVICE

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2. DEFINITIONS-(Continued)

JAN 07 1998

(MT)

Tandem Office - A Telephone Company switching system that provides a concentration distribution function for originating or terminating traffic between Telephone Company and the network. MISSOURI Public Service Commission

Telephone Company - Southwestern Bell Telephone Company (SWBT).

(MT)

Terminating Traffic - Traffic received from a carrier for delivery to a point on the intraLATA wireline exchange network.

Terminating Usage - For purposes of this Tariff, the usage to which terminating usage charges described in this Tariff apply is only that wireless carrier-originated traffic interchanged with SWBT for terminating at a point on the intraLATA wireline exchange network.

Wireless Carrier - A licensee under Part 22, Part 90, Part 24 of the FCC Rules and Regulations, or their authorized resellers.

Wireless Carrier (WC) Interconnection Service - Hereafter referred to as service, are dedicated circuits between a carrier's point of termination and the Telephone Company's point of switching for the exchange of traffic.

Wireless Carrier Service Area - The geographic area served by a carrier's system where the carrier is authorized to provide service under the FCC Rules and Regulations.

3. GENERAL REGULATIONS

3.1 Liability of the Telephone Company

- A. The Telephone 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 Telephone 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 Telephone Company has been notified and has access to the carrier's premises, adjustments shall be made to the carrier. The adjustments shall be based on the time the interruption is first reported and shall be the pro rata part of the monthly rates 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.

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Public Service Commission

Issued: JAN 07 1998

Effective: FEB 06 1998

By PRISCILLA HILL-ARDOIN, President-Missouri
Southwestern Bell Telephone Company

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Wireless Carrier
Interconnection Service Tariff
3rd Revised Sheet 4
Replacing 2nd Revised Sheet 4

WIRELESS CARRIER INTERCONNECTION SERVICE

Missouri Public
Service Commission

3. GENERAL REGULATIONS-(Continued)

REC'D SEP 03 1998

3.1 Liability of the Telephone Company-(Continued)

B. -(Continued)

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

C. The Telephone 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 Telephone 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 Telephone Company.

D. The Telephone 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 Telephone 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 Telephone Company.

(AT) C. The wireless carrier's point of termination may be located at another carrier's Point of Presence (POP). When such termination occurs, the wireless carrier's obligations are as described in (AT) Paragraph 3.2.B preceding.

(FC) D. 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.

Missouri Public
Service Commission

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Effective: OCT 23 1998

99-208068
FILED OCT 23 1998

No supplement to this
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Wireless Carrier
Interconnection Service Tariff
4th Revised Sheet 5
Replacing 3rd Revised Sheet 5

WIRELESS CARRIER INTERCONNECTION SERVICE
**Missouri Public
Service Commissioner**

3. GENERAL REGULATIONS-(Continued)

REC'D SEP 03 1998

3.2 Obligation of the Carrier-(Continued)

- (FC) E. 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

A. Advance Payment

When making application for service the wireless carrier may be required to pay at the time the application is accepted, an advance payment of the estimated cost of installation or construction as is to be borne by the wireless carrier.

The amount of the advance payment will be credited to the wireless carrier's account and applied against any indebtedness.

B. Late Payment

If the entire amount billed, exclusive of any amount disputed by the wireless carrier, is not received by the Telephone Company within (30) days of the bill date, or if any payment is received by the Telephone Company in funds which are not immediately available to the Telephone Company, then a late-payment charge equal to the lesser of the following shall apply to the unpaid balance:

- (1) The highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily and applied for each month or portion thereof that an outstanding balance remains, or
- (2) 0.000590 per day, compounded daily and applied for each month or portion thereof that an outstanding balance remains.

**Missouri Public
Service Commissioner**
99-084
FILED OCT 23 1998

Issued:

AUG 07 1998

Effective: OCT 23 1998

By PRISCILLA HILL-ARDOIN, President-Missouri
Southwestern Bell Telephone Company

No supplement to this
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Wireless Carrier
Interconnection Service Tariff
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WIRELESS CARRIER INTERCONNECTION SERVICE

NOV 14 1996

3. GENERAL REGULATIONS-(Continued)

3.3 Payments, Deposits and Termination of Service-(Continued)

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(MT) C. Deposit

The Telephone Company may, in order to safeguard its interest, only require a wireless carrier to make a deposit prior to, or at any time after, the provision of a service to the wireless carrier to be held by the Telephone Company as a guarantee of the payment of rates and charges. Such deposit may not exceed the rates and charges for the service for a one-month period. The fact that a deposit has been made in no way relieves the wireless carrier from complying with the Telephone Company's regulations as to advance payments or the prompt payment of bills or constitutes a waiver or modification of the regular practices of the Telephone Company providing for the discontinuance of the facilities for nonpayment of any sums due the Telephone Company for facilities provided. Simple interest at the rate of 9 percent per annum will be paid on deposits held 30 days or more.

(MT)

FILED

DEC 14 1996

MO.PUBLICSERVICECOMM

Issued: **NOV 14 1996**

Effective: **DEC 14 1996**

By KAREN E. JENNINGS, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Wireless Carrier
Interconnection Service Tariff
4th Revised Sheet 6
Replacing 3rd Revised Sheet 6

WIRELESS CARRIER INTERCONNECTION SERVICE

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3. GENERAL REGULATIONS-(Continued)

FEB 16 1995

3.3 Payments, Deposits and Termination of Service-(Continued)

C. Deposit-(Continued)

MO. PUBLIC SERVICE COMM.

At such time as the provision of the service to the wireless carrier is terminated, the amount of the deposit and any applicable interest will be credited to the wireless carrier's account and any credit balance which may remain will be refunded.

At the option of the Telephone Company, such a deposit may be refunded or credited to the wireless carrier's account at any time prior to the termination of the provision of service to the wireless carrier. Should a deposit be credited to the wireless carrier's account, no interest will accrue on the deposit from the date of disconnection.

D. Termination of Service

Upon nonpayment of any sum due the Telephone Company, or upon violation of any conditions governing the furnishing of service, the Telephone Company may, by notice to the wireless carrier, without incurring any liability, forthwith discontinue the furnishing of said service. Proper notice shall consist of notice sent by certified mail, return receipt requested, at least 30 days prior to a stated date of disconnection.

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 Listing 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 service users.

3.5 Directory Assistance

(CT)

Directory Assistance (DA) Service will be provided subject to the Rates and Charges found in Paragraph 7.3 of this Tariff. The carrier may also opt to provide Fully Automated Directory Assistance Call Completion (DACC) as provided in Paragraph 3.6 of this Tariff. The DA rates and charges set forth in Paragraph 7.3 of this Tariff are not applicable with the DACC Single Rate Option as described in Paragraph 3.6.B of this Tariff.

Issued: FEB 16 1995

Effective: MAR 18 1995
~~MAR 16 1995~~

FILED

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

MAR 18 1995

MISSOURI
Public Service Commission

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

(CT)Wireless Carrier
Interconnection Service Tariff
3rd Revised Sheet 7
Replacing 2nd Revised Sheet 7

(CT)WIRELESS CARRIER INTERCONNECTION SERVICE

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3. GENERAL REGULATIONS--(Continued)

MAY 27 1994

3.7 Operator Service

Operator Service (0- and 0+) is available under the Long Distance Message Telephone Service Tariff.

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Public Service Commission

3.8 Special Construction

- (CT) If the wireless carrier's request for interconnection requires construction of special facilities as outlined in Section 14 of the Access Services Tariff, the wireless carrier will be assessed special construction charges as therein outlined.
- (CT)

3.9 Radio Transmitter Links

- (AT) The Telephone Company charge for radio transmitter links shall be equivalent to the specific rate elements and rate levels in Section 7 of the Access Services Tariff, except that no special access surcharge shall be applicable. The charge for radio transmitter links at speeds greater than 1.544 Mbps shall be determined on an individual case basis.
- (AT)

(AT) 3.10 Additional Engineering and Labor

Rates and Regulations for additional engineering and labor can be found in the Access Service Tariff, Section 13, Paragraphs 13.1 and 13.2 respectively.

3.11 Assignment and Transfer of Facilities

- (AT) The assignment and transfer of facilities occurs when an existing wireless service is provided and billed to a different customer and the new wireless carrier assumes liability for all current and prior charges for wireless interconnection service. The new customer must be a wireless carrier licensed under Part 22, Subparts G and K, Specialized Mobile Radio Carrier (SMR) or a Private Carrier Pager (PCP) licensed under Part 90 of the FCC Rules. A Special Access Order charge as set forth in Section 5 of the Access Service Tariff, will apply when a change in billing data (name, address, contact name and telephone number) is requested with the assignment and transfer of facilities.

(MT)

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JUL 15 1994

Issued: MAY 31 1994

Effective:

JUL 15 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone Company

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Public Service Commission

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(CT)Wireless Carrier
Interconnection Service Tariff
Original Sheet 7.01

(CT)WIRELESS CARRIER INTERCONNECTION SERVICE

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3. GENERAL REGULATIONS--(Continued)

MAY 27 1994

(MT)(FC) 3.12 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 by the Telephone Company at additional rates and charges as provided in the General Exchange Tariff, Section 17.

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Public Service Commission

(FC) 3.13 Telephone Numbers

Telephone numbers may be provided subject to the following limitations:

- (CT) A. Shared or dedicated NXX codes are available as specified in Paragraph 7.4.
- (CT) 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 will not be required when one tandem within a service area serves multiple NPAs.
- (CT) C. Telephone numbers are furnished subject to the availability of facilities and numbers in a manner consistent with code conservation in the administration of the North American Numbering Plan.

(MT)

FILED

JUL 15 1994

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By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone Company

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Wireless Carrier
Interconnection Service Tariff
5th Revised Sheet 8
Replacing 4th Revised Sheet 8

WIRELESS CARRIER INTERCONNECTION SERVICE **Missouri Public
Service Commission**

3. GENERAL REGULATIONS-(Continued)

REC'D NOV 12 1998

3.13 Telephone Numbers-(Continued)

- D. For Type 1 interconnection telephone numbers are normally provided on a consecutive number basis in groups of 100 or 1000 having the same steering digit, (third digit of NXX code). Numbers may be provided on a nonconsecutive basis when acceptable to the wireless carrier and the Telephone 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.
- E. The carrier's switching equipment must be arranged to provide for intercept of unused numbers transmitted to the switching equipment.
- F. Line-side interconnection includes the provision of a single number for each line-side termination.

3.14 End User Common Line Charges

End User Common Line Charges are not applicable to this service.

3.15 Wireless Carrier-Provided Facilities

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

(RT)

(RT)

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Wireless Carrier
Interconnection Service Tariff
1st Revised Sheet 8.01
Replacing Original Sheet 8.01

WIRELESS CARRIER INTERCONNECTION SERVICE

Missouri Public
Service Commission

3. GENERAL REGULATIONS-(Continued)

REC'D NOV 12 1998

(RT)

(RT)

4. DESCRIPTION OF SERVICE

4.1 Interconnection Service Circuits

- A. 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 is made using 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 may be loop supervision.

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Interconnection Service Tariff
2nd Revised Sheet 9
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(CT)WIRELESS CARRIER INTERCONNECTION SERVICE

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4. DESCRIPTION OF SERVICE-(Continued)

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4.1 Interconnection Service Circuits-(Continued)

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- B. 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 Paragraph 4.1.C. 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. These type of connections as well as the Operator Services Circuit connections required for Directory Assistant Call Completion, are only subject to the applicable charges specified in Paragraphs 3.5 and 3.6, preceding. With Type 2B connections, calls may terminate only to directory numbers served by the end office where the Type 2B interface is located.
- C. Except as noted in Paragraph 4.1.B., preceding, 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 in Section 13 of the Access Services Tariff is required where the service is provided from an Equal Access office.
- D. For Type 1 service, the Telephone 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.
- 4.2 Calling Scope and Rate Center
- A. Any calling scope available to the landline customers is available to the carrier subject to the provisions in Paragraph 4.1.D., preceding.
- B. Tandem (Type 2A) interconnections require the carrier to designate an end office to determine the tandem interconnection service's local calling scope and rate center. The carrier may have only one rate center designated, per tandem office. These types of interconnections are available only where the following conditions are met:

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3rd Revised Sheet 10
Replacing 2nd Revised Sheet 10

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4. DESCRIPTION OF SERVICE--(Continued)

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4.2 Calling Scope and Rate Center--(Continued)

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B. (Continued)

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1. The designated end office is a subtending office of the tandem; and
- (CT) 2. The designated end office is within the wireless carrier's service area of that carrier's system.
- (CT) C. 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.
- D. Local terminating usage rates will apply based on the point of interconnection where the call is delivered to SWBT.

(AT) 4.3 Area Wide Calling Plan

(AT) 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 SWBT end user paying intraLATA toll charges. Charges to wireless carriers vary depending on which AWCP Option the wireless carrier selects. AWCP Option 1 and 2 are described in Paragraphs 7.2.A and 7.2.B of this Tariff.

(FC) 4.4 Type 2B Interconnection

- (CT) A. Calls completed via the Type 2B interconnection circuit(s) are terminated in or originated by directory numbers (DNs) served only by that specific SWBT end office. A Type 2B interconnection may be used in conjunction with the Type 2A interconnection on a high-usage alternate routing basis to serve high-volume traffic between the MSC and the SWBT end office(s).
- B. SWBT 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.
- (MT) D. Type 2B terminating calls cannot be routed to services provided by Feature Group B (FGB), Feature Group C (FGC), or Feature Group D (FGD) Interexchange Carriers (IXCs), International Carriers (INCs), or operator services, public response networks, Directory Assistance, or Type 2A or Type 2B interconnections of other carriers.

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4. DESCRIPTION OF SERVICE-(Continued)

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(FC) 4.4 Type 2B Interconnection-(Continued)

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(MT) E. Type 2B interconnections used in conjunction with a Type 2A interconnection will utilize the same NXX code(s) assigned to the Type 2A and no additional number charges are applicable. If the wireless carrier utilizes a Type 2B as a standalone interconnection and uses the interconnection for
(CT) originating traffic, the wireless carrier has the option of using a
(MT) dedicated NXX code.

F. The selection of Type 2B end offices may be inside or outside the local calling area 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.

5. FEATURES

5.1 Optional Features-Nonchargeable

A. Outpulsing

This option provides the end office capability of providing up to 10 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, 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 Telephone 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.

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WIRELESS CARRIER INTERCONNECTION SERVICE

5. FEATURES--(Continued)

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5.1 Optional Features--Nonchargeable--(Continued)

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D. Dial Pulse Address Signaling

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

(AT) 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 or ISDNUP) call set-up messages associated with a Type 2A Interconnection.

F. Customized DACC Announcement Capability

Allows the wireless carrier to provide a customized DACC announcement to the end user customer. This announcement will typically include the name of the wireless carrier, their DACC surcharge, if any, and instructions on how to accept the offer of call completion.

G. Station Billing Paid Capability for Roamers

Allows DACC to be billed as a Station Paid (rather than forcing alternate billing to a calling card, third number or collect) for cellular customers roaming in the DA/DACC service area.

H. Auto Call Completion Capability

Allows the call to be automatically completed (the caller does not have to press "1" for call completion to occur). If the caller does not want the call automatically completed, the caller simply hangs up.

(AT)

(MT)

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5. FEATURES-(Continued)

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(MT) 5.2 Optional Features-Chargeable

Testing Capabilities

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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 may be provided if requested as set forth in Section 13 of the Access Services Tariff.

6. RATE REGULATIONS

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

6.1 Originating Connecting Circuits-Type 1 and Type 2A

- A. The charge for two-wire or four-wire connecting circuits exclusively used for the interchange of one-way originating traffic shall be equivalent to the charge for a two-wire or four-wire channel termination and channel mileage if required, as found in Section 7 of the Access Services Tariff.
- B. The charge for a 1.544 Mbps connecting circuit, equivalent to 24 voice grade circuits, used exclusively for the interchange of one-way originating traffic shall be equivalent to the charge for a 1.544 Mbps channel termination, multiplexing and channel mileage if required, as found in Section 7 of the Access Services Tariff.

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(CT)Wireless Carrier
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6. RATE REGULATIONS-(Continued)

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6.1 Originating Connecting Circuits-Type 1 and Type 2A-(Continued)

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(AT) C. The charge, for a connecting circuit at speeds greater than 1.544 Mbps
(AT) exclusively for the interexchange of one-way originating traffic shall be
(AT) determined on an individual case basis.

(FC) D. No charge, except charges as described in Paragraph 6.2, following, shall
be assessed for connecting circuits used exclusively for the interchange of
terminating traffic.

(RT)(FC) F. The recurring charges, other than terminating usage charges, for the
provision of connecting circuits used for interchange of both originating
and terminating traffic (two-way connecting circuits) shall be prorated.
(CT) It is assumed that 18 percent of the traffic interchanged between the
Telephone Company and the wireless carrier over two-way circuits is
originating traffic. The charge for each two-way circuit will be 18
(AT) percent of the charge specified in Paragraph 6.1.A or 6.1.B, preceding. No
prorate will apply to connecting circuits with speeds greater than 1.544
(AT) Mbps. In addition, all terminating traffic interchanged over two-way
circuits is subject to terminating usage charges as described in
Paragraph 6.2, following.

(RT)

6.2 Terminating Connecting Circuits-Type 1 and Type 2A

(RT) A. Telephone Company charges for the termination of wireless carrier
originated traffic interchanged with the Telephone Company and destined to
points on the intraLATA wireline exchange network shall be on a usage
sensitive basis.

(RT)

(RT) To the extent that a Telephone Company office lacks the capability of
(RT) measuring terminating usage for billing purposes, terminating usage charges
(CT) shall be developed pursuant to Paragraph 6.2.D, following.

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WIRELESS CARRIER INTERCONNECTION SERVICE

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6. RATE REGULATIONS--(Continued)

6.2 Terminating Connecting Circuits-Type 1 and Type 2A--(Continued) MO PUBLIC SERVICE COMM.

- (CT) B. The terminating usage charges for wireless carrier originating traffic
(CT) interchanged with the Telephone Company and destined to points within the
local calling scope of the wireless carrier's end office (Type 1) or the
designated end office rate center (Type 2A) shall be as specified in
Paragraph 7.1.A and 7.1.B, following.
- C. The terminating usage charges for wireless carrier originated traffic
interchanged with the Telephone Company and destined to points outside the
local calling scope of the wireless carrier's end office (Type 1) or the
designated end office rate center (Type 2A), shall be as specified in
Paragraph 7.1.D., of this Tariff.
- D. In the event the Telephone Company is unable to measure specific
terminating usage from the end office or tandem office where the service is
provided, charges based on assumed minutes shall apply as follows: (1) the
Telephone Company and the wireless carrier shall jointly develop the
assumptions for use in calculating the monthly terminating usage which will
be billed for the initial quarter of each wireless carrier's operation; (2)
based upon actual usage data provided by the wireless carrier, each
individual carrier's average minutes of use from the prior quarter will be
used for monthly billing purposes for the next quarter.
- E. Local Terminating Usage measurement on carrier terminating traffic
delivered to the Telephone Company for terminating within the local calling
scope begins when the Telephone Company's end office switch or tandem
switched receives an off-hook supervisory signal from the end office
serving the called party, indicating that the called party has answered and
transmits that same information to the carrier's location. The measurement
of terminating call usage ends when the Telephone Company's end office
switch or tandem switch serving the carrier receives an on-hook supervisory
signal from either the carrier or the called party.
- F. 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 Services Tariff will apply in addition to the
terminating usage. 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.

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6. RATE REGULATIONS-(Continued)

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6.2 Terminating Connecting Circuits-Type 1 and Type 2A-(Continued)

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- G. 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 1.544 Mbps channel termination and the appropriate channel mileage when required. See Section 7 of the Access Service Tariff for the channel termination and channel mileage charges. No terminating usage charges are applied to equal access connecting circuits.

6.3 Nonrecurring Charges - Type 1, Type 2A and DACC Operator Services Circuits

The nonrecurring charges for all one-way and two-way connecting circuits shall be the same as those charges referenced in Paragraphs 6.1.A., 6.1.B., and 6.1.C., preceding.

6.4 Minimum Monthly Charges - Type 1, Type 2A

- A. For Type 1 and Type 2A service, the minimum monthly charge is equal to the rate specified in Paragraphs 6.1.A., 6.1.B., and 6.1.C., preceding.

6.5 Type 2B Service

- A. Telephone Company charges for facilities and services provided for Type 2B interconnection and interchange of traffic with wireless carrier's shall consist of: (1) flat-rate charges for one-way or two-way connecting circuits and associated facility terminations that connect the wireless carrier's MSC to the Telephone Company's serving end office(s); and (2) traffic originating on the wireless carrier's network and terminating on the Telephone Company's intraLATA wireline exchange network will be billed on a usage-sensitive per minute of use basis.
- B. The charge for a 1.544 Mbps connecting circuit, equivalent to 24 voice grade circuits, shall be the charge for a 1.544 Mbps Channel Termination and, if applicable, Channel Mileage, multiplexing and associated facility terminations. Access related rate elements and rates are specified in Section 7 of the Access Services Tariff. Rates for 2B facility terminations are specified in Paragraph 7.2 of this Tariff.

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(AT)

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WIRELESS CARRIER INTERCONNECTION SERVICE

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6. RATE REGULATIONS-(Continued)

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6.5 Type 2B Service-(Continued)

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- (AT) C. The charge for a two-wire or four-wire connecting circuit shall be the charge for a two-wire or four-wire Channel Termination and Channel Mileage, if applicable, and associated facility terminations. Access related rate elements and rates are specified in Section 7 of the Access Services Tariff. Rates for 2B facility terminations are specified in Paragraph 7.2 of this Tariff.
- D. Telephone Company charges for the termination of wireless carrier- originated traffic interchanged with the Telephone Company and destined to directory numbers (DNs) served only by the specific Type 2B end office shall be on a usage-sensitive basis. To the extent that the Telephone Company Type 2B end office lacks the capability of measuring terminating usage for billing purposes, the procedure specified in Paragraph 6.2.D., preceding, shall apply.
- E. The terminating usage charges for wireless carrier-originated traffic interchanged with the Telephone Company at Type 2B end offices within the local calling scope are defined in Paragraph 7.1.C., following. Terminating usage charges at Type 2B end offices outside the local calling scope are defined in Paragraph 6.2.C., preceding.
- F. Local terminating usage measurement on carrier terminating traffic delivered to the Type 2B end office begins when the end office switch receives an off-hook supervisory signal, indicating that the called party has answered and transmits that same information to the carrier's location. The measurement of terminating call usage ends when the Telephone Company's end office switch receives an on-hook supervisory signal from either the carrier or the called party.
- (CT) G. The minimum monthly charge for a Type 2B service is equal to the rate specified in Paragraph 6.5. B. or 6.5.C., preceding.
- H. In cases of multiple switch wire centers, interconnection to one switch will serve as interconnection to the entire wire center.

6.6 Area Wide Calling Plan Connecting Circuits

A. AWCP Option 1

The charges for originating calls under the Area Wide Calling Plan (AWCP) are on a minute of use and a per call completed basis at the rates listed in Paragraph 7.2 of this Tariff. The AWCP charges apply for all SWBT landline originated calls to wireless carrier end users. Recording for the non-distance sensitive minute of use charge begins when the Telephone

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WIRELESS CARRIER INTERCONNECTION SERVICE

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6. RATE REGULATIONS-(Continued)

6.6 Area Wide Calling Plan Connecting Circuits-(Continued)

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A. AWCP Option 1-(Continued)

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Company end office receives answer supervision from the wireless carrier's MSC. The per call charge will only apply on completed calls. SWBT 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 of this Tariff apply for each circuit in the AWCP trunk group.

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 Telephone Company end user. The rate for the conversion of an NXX to the AWCP are listed in Paragraph 7.4 of this Tariff.

(CT)

The Minimum Monthly Usage Charges (MMUC) associated with AWCP are determined by the number of connecting circuits used in the one-way originating Type 2A trunk group for AWCP. The MMUC charges are equal to \$240.00 for each voice grade circuit and \$385.00 for each high capacity circuit. Both the AWCP per call revenue and minute of use revenue are included in the determination of the MMUC.

Wireless carriers must notify SWBT 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.).

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WIRELESS CARRIER INTERCONNECTION SERVICE

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6. RATE REGULATIONS-(Continued)

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6.6 Area Wide Calling Plans Connecting Circuits-(Continued)

B. AWCP Option 2

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The charges for originating calls under Option 2 of the AWCP are on a per minute of use basis and only applied to interexchange calls initiated by SWBT end user customers. The charges that will be billed to the wireless carrier include Local Switching, Local Transport, and Originating Carrier Common Line charges as found in Paragraph 7.1.D 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. SWBT 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.

MMUCs do not apply to AWCP-Option 2 circuits.

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

6.7 Common Channel Signaling/Signaling System Seven (CCS/SS7)

- (CT) A. Common Channel Signaling/Signaling System Seven (CCS/SS7) allows a wireless carrier with a Type 1 or Type 2A Interconnection to use the SS7 protocol and CCS to set-up calls over the interconnecting trunk group.
- B. Availability of CCS/SS7 signaling is limited to one-way originating on a Type 1 trunk. However, on a Type 2A trunk, CCS/SS7 can be provided on either one-way originating, one-way terminating or two-way facilities.
- (CT) C. This service provides only for the use of CCS for Integrated Services Digital Network User Part (ISUP or ISDNUP) call set-up messages associated with a Type 2A interconnection provided by SWBT.

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WIRELESS CARRIER INTERCONNECTION SERVICE **Missouri Public
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6. RATE REGULATIONS-(Continued)

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6.7 Common Channel Signaling/Signaling System Seven-(Continued)

- D. Common Channel Signaling/Signaling System Seven (CCS/SS7) signaling links, as defined in the Missouri Access Service Tariff are also available to customers of this tariff. The CCS/SS7 links must be purchased in pairs (link sets).

(RT)

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6.9 Terminating Traffic to Other Telecommunication Carriers

SWBT's charges for transporting a wireless carrier's calls to another telecommunications carriers' networks will be the 1-25 mile local transport rate in Paragraph 7.1.D of this tariff. Wireless carriers shall not send calls to SWBT that terminate in an Other Telecommunications Carriers' network unless the wireless carrier has entered into an agreement to directly compensate that carrier for the termination of such traffic. The wireless carriers shall indemnify, defend and hold SWBT harmless against charges from Other Telecommunications Carriers for the termination of such traffic including SWBT's expenses.

7. RATES AND CHARGES

7.1 Terminating Usage Rates

	Within The Local Calling Scope
A. <u>Type 1</u>	
0 - 1 miles	\$0.02
Over 1 - 25 miles	0.025
Over 25 - 50 miles	0.03
Over 50 miles	0.04
B. <u>Type 2A</u>	
0 - 1 miles	\$0.016
Over 1 - 25 miles	0.018
Over 25 - 50 miles	0.02
Over 50 miles	0.026

**Missouri Public
Service Commission**

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Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this
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except for the purpose
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Wireless Carrier
Interconnection Service Tariff
4th Revised Sheet 16.03
Replacing 3rd Revised Sheet 16.03

WIRELESS CARRIER INTERCONNECTION SERVICE

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7. RATES AND CHARGES-(Continued)

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7.1 Terminating Usage Rates-(Continued)

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C. Type 2B	\$0.01
D. <u>Type 1 & Type 2A</u>	<u>Outside the Local Calling Scope</u>
Local Switching	.008480
Carrier Common Line(Originating)	.0100
Carrier Common Line(Terminating	.018133
Local Transport	
0 - 1 mile	.0050
1 - 25 miles	.0077
25 - 50 miles	.0162
Over 50 miles	.0274

(MT)

(AT)(FC) 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>Monthly Rate</u>	<u>Nonrecurring Charge</u>
A. 1.544 Mbps Facility Termination	(NR) \$68.55	(NR) \$8.50
B. One-Way Originating		
1. 2-Wire	\$11.20	\$8.50
2. 4-Wire	(NR) \$43.20	(NR) \$8.50

(AT)

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Wireless Carrier
Interconnection Service Tariff
4th Revised Sheet 17
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7. RATES AND CHARGES-(Continued)

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7.2 Facility Terminations-Type 2B Service-(Continued)

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		Monthly Rate	Non-terminating Charge
(AT)	C. One-Way Terminating		
	1. 2-Wire	(NR) \$10.90	(NR) \$8.50
	2. 4-Wire	\$43.20	\$8.50
	D. Two-Way		
	1. 2-Wire	\$43.30	\$8.50
(AT)	2. 4-Wire	(NR) \$43.30	(NR) \$8.50

(MT)(FC) 7.3 Area Wide Calling Plan Usage Rates - Per Minute of Use

A. Option 1

Per Message
\$.005

Per Minute
\$.015

B. Option 2

When the wireless carrier offers AWCP-Option 2 to their end user patrons, the wireless carrier shall be charged Outside the Local Calling Area cellular interconnection rates as referenced in Paragraph 7.1, preceding, on SWBT subscriber interexchange calls destined to wireless carrier's end user patrons.

No usage charges will apply for local calls generated by SWBT 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.

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Wireless Carrier
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5th Revised Sheet 18
Replacing 4th Revised Sheet 18

WIRELESS CARRIER INTERCONNECTION SERVICE

Missouri Public
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7. RATES AND CHARGES-(Continued)

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7.4 Directory Assistance Service

A. Directory Assistance, per call \$0.2975

B. Directory Transport

<u>Call Miles</u>	<u>Rate per Call</u>
0 to 1	\$0.0028
Over 1 to 25	0.0060
Over 25 to 50	0.0222
Over 50	0.0351

7.5 AWCP NXX Conversion Charge

The following charge applies when changing an existing NXX to an Area Wide Calling Plan (AWCP) NXX.

	<u>USOC</u>	<u>Nonrecurring Charge</u>	<u>USOC</u>	<u>S&E</u>
Per NXX (New or Change)	(NRBC8)	\$ 3,950.00	(NRBC9)	\$8.50

(RT)

(RT)

(RT)

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Wireless Carrier
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Replacing 7th Revised Sheet 19

WIRELESS CARRIER INTERCONNECTION SERVICE

Missouri Public
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7. RATES AND CHARGES-(Continued)

REC'D NOV 12 1998

(FC) 7.6 Nonrecurring Charges

A. Type 2B Nonrecurring Charge

For Type 2B service, a nonrecurring installation charge applies per end office connected to the MSC via Type 2B connection(s).

	<u>USOC</u>	<u>Nonrecurring Charge</u>
Per Type 2B end office	(AG9)	\$200.00

B. Changing from Type 1 to Type 2A

When changing from a Type 1 to a Type 2A interconnection and retaining the same NXX code, a nonrecurring charge applies per end office where translations are required.

		<u>Nonrecurring Charge</u>
Per end office	(NRBCL)	\$ 70.00

C. Redesignate the end office rate center for Type 2A(1)

		<u>Nonrecurring Charge</u>
Per change	(NRBCX)	\$ 50.00

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(1) Requires 2 weeks' notice to SWBT.

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WIRELESS CARRIER INTERCONNECTION SERVICE

Missouri Public
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7. RATES AND CHARGES-(Continued)

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(FC) 7.6 Nonrecurring Charges-(Continued)

E. DACC Tape

At the request of the wireless carrier, a data tape is created by the Company which provides DACC ANI account number information. To provide the wireless carrier with this information, the wireless carrier must provide the Company with Automatic Number Identification information according to the Company's specifications. DACC tapes are only available to wireless carriers selecting the Multi Rate Option.

	<u>Nonrecurring Charge</u>
Per tape	\$ 6.00

F. Wireless Usage Study

When a wireless carrier requests the telephone company to analyze its interconnection trunks to determine the level of usage on those trunks, the following charges apply:

	<u>Nonrecurring Charge</u>	<u>S&E</u>
Wireless Usage Study (per trunk group)	(NR) \$145.00	(NR) \$8.50

The usage study will be conducted weekly for a maximum of four weeks. The preceding includes the provisioning of one report containing the data associated with the usage study. Any requests by the carrier to extend the study will result in second nonrecurring and S&E charges.

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