Wireless Carrier
Interconnection Service Tariff
Adoption Notice
1st Revised Sheet
Replacing Original Sheet

#### ADOPTION NOTICE

(CT) Southwestern Bell Telephone, L.P., d/b/a SBC Missouri, hereby adopts, ratifies, and makes its own, in every respect as if the same had been originally filed by it, all schedules, rules, notices, concurrences, schedule agreements, divisions, authorities, or other instruments whatsoever filed with the Public Service Commission, State of Missouri, by Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company prior to December 30, 2001, the beginning of Southwestern Bell Telephone, L.P.'s possession. By this notice, Southwestern Bell Telephone, L.P., d/b/a SBC Missouri, also adopts and ratifies all supplements or amendments to any of the above schedules, etc., which Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company, has heretofore filed with said

(CT) Commission.

Issued: January 17, 2003 Effective: February 16, 2003

Wireless Carrier Interconnection Service Tariff Adoption Notice Original Sheet 1

ADOPTION NOTICE

Missouri Public Service Commission

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Issued: December 27, 2001

By: JAN NEWTON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

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Service Commission

(CT)

No Supplement to this tariff will be issued except for the purpose of canceling this tariff. Wireless Carrier
Interconnection Service Tariff
Title Sheet
1st Revised Sheet 1
Replacing Original Sheet 1

# SOUTHWESTERN BELL TELEPHONE, L.P. d/b/a

(CT) SBC MISSOURI

# SCHEDULE OF RATES

**FOR** 

# WIRELESS CARRIER INTERCONNECTION SERVICE

Southwestern Bell Telephone, L.P., d/b/a SBC Missouri hereby adopts this tariff.

Applying to its authorized territories within the State of Missouri.

Issued: January 17, 2003 Effective: February 16, 2003

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Wireless Carrier Interconnection Service Tariff Title Sheet Original Sheet 1

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SOUTHWESTERN BELL TELEPHONE, L.P. d/b/a SOUTHWESTERN BELL TELEPHONE COMPANY

SCHEDULE OF RATES

FOR

WIRELESS CARRIER INTERCONNECTION SERVICE

Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company hereby adopts this tariff.

Missouri Public

Applying to its authorized territories within the State of Missouri.

Issued: December 27, 2001

By: JAN NEWTON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

**JAN 0 9 2002** 

CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN-2006-0232

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

This tariff supersedes General Exchange Tariff, P.S.C. Mo.-No. 35, Section 32, issued December 29, 1983, effective January 1, 1984, and all supplements and revisions thereto.

- (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.

Issued: May 31, 1994 Effective: July 15, 1994



Radio Common Carrier
Interconnection Service Tariff
Application of Tariff
1st Revised Sheet 1
Replacing Original Sheet 1

. APPLICATION OF TARIFF

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This tariff supersedes General Exchange Tariff, P.S.C. Mo.-No. 35, NSection 1937 issued December 29, 1983, effective January 1, 1984, and all supplements and revisions thereto.

This tariff contains the regulations and rates applicable to all craffic common mission (CP) Carriers and Specialized Mobile Radio Providers licensed under Parts 22, 73 or 90 of the FCC Rules and Regulations who provide Radio Telecommunications Service excluding Rural Radio Services.

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Radio Common Carrier Interconnection Service Tariff Application of Tariff Original Sheet 1

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This tariff contains the regulations and rates applicable to all Radio Common Carriers licensed under Part 22 or Part 73 of the FCC Rules and Regulations who provides Radio Telecommunications Service excluding Rural Radio Services.

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(CT)Wireless Carrier
Interconnection Service Tariff
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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

Issued: May 31, 1994 Effective: July 15, 1994



Radio Common Carrier Interconnection Service Tariff Application of Tariff Original Sheet 2

#### EXPLANATION OF SYMBOLS

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(DR) Indic	ates disconti	inue rate
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Indicates addition to text (AT)

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(RT) Indicates removal of text Public Service Comunication

- (CR) Indicates change in rate
- Indicates change in practice (CP)
- Indicates change in text (CT)
- (NR) Indicates new rate
- (C) Indicates a correction
- Indicates moved text (MT)

(FC) Indicates a change in format lettering numbering

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Issued: November 12, 1998 Effective: December 12, 1998



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

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

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

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By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri MAR 18 1995

MISSOURI Public Service Commission

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Issued: FEB 2 1 1992

Effective: MAR 2 2 1992

MAR 221992

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

MO. PUBLIC SERVICE COMM.

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

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

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Missouri Public

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> Missouri Public Sorvice Commission

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Issued:

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Effective:

DEC 1 2 1998

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

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

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Public Service Commission

Issued: FEB 1 3 1998

Effective:

MAR 1 5 1998

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

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Wireless Carrier
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Replacing 1st ReviseD

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# **CANCELLED**

MAR 1 5 1998

By <u>3rd RS</u># 1.01

Public Service Commission
MISSOURI

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MAR 6 1996

Issued: NO

NOV 2 7 1995

Effective:

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Wireless Carrier
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# **CANCELLED**

MAR 6 1996

BY AS TO Public Service Commission

MISSOURI

Issued: OCT 03 1995

Effective: 1995

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



Wireless Carrier Interconnection Service Tariff

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FEB 16 1995 WIRELESS CARRIER INTERCONNECTION SERVICE SHEET

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Issued:

FEB 1 6 1995

MAR 1 8 1995

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

MISSOURI Public Service Commission

(AT)

(AT)

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

#### WIRELESS CARRIER INTERCONNECTION SERVICE

#### 1. GENERAL

- 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.
- 1.5 This tariff applies except as otherwise provided in an interconnection agreement approved by the 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.

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

<u>Common Channel Signaling (CCS)</u> - 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.

<u>End Office</u> - 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.

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Issued: Jan. 7, 1998 Effective: Feb. 6, 1998



Wireless Carrier
Interconnection Service Tariff
3rd Revised Sheet 1
Replacing 2nd Revised Theet 1

#### WIRELESS CARRIER INTERCONNECTION SERVICE

#### 1. GENERAL

FEB 16 1995

- 1.1 This Tariff contains regulations, rates and charges applicable to the provision of Wireless Carrier Interconnection Service \*\*October\*\* Of the 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.
- (AT) 1.3 This Tariff also provides SWBT facilities and services for Common Channel
   (AT) Signaling/Signaling System Seven (CCS/SS7) Service.
- (FC) 1.4 These Regulations and Rates are in addition to the Regulations, Rates and Charges in other Telephone Company tariffs.

#### 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 perfection.

(MT)

Issued: FEB 1 6 1995

By Un PS# / Effective MAR 18 1995

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South Resident-Missouri South Resident-Missouri South Resident - Missouri President - Missouri

MAR 18 1995

MISSOURI Public Service Commission

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

(CT) WIRELESS CARRIER INTERCONNECTION SERVICE ECEIVED

GENERAL

MAY 27 1994

- 1.1 This Tariff contains regulations, rates and charges applicable to the provision of Wireless Carrier Interconnection Services to all carriers for (CT) 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 (CT) (CT) calls from a wireless customer to a landline customer.
  - 1.3 These Regulations and Rates are in addition to the Regulations, Rates and Charges in other Telephone Company tariffs. MAR 181995
  - 2. DEFINITIONS

The following definitions are in addition to those found in the Brands 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.

(RT)

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.

- (CT) End Office Rate Center - An end office selected by the wireless carrier as the end for rating (measuring purposes) for Type 2A interconnection.
- (AT) 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 (AT) access to a wireless carrier's patron.

Issued: MAY 3 1 1994

JUL 1 5 1994

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

St. Louis, Missouri

Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 1 Replacing Original Sheety

RADIO COMMON CARRIER INTERCONNECTION SERVICE

MAY - 61992

#### GENERAL

MISSOURI

- 1.1 This Tariff contains regulations, rates and charges applicable to the provision of Radio Common 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 (C) Southwestern Bell Telephone Company's (SWBT's) network for originating (CT) calls from a landline customer to a Radio Common Carrier (RCC) or (CT) Specialized Mobile Radio (SMR) customer and for terminating calls from an RCC or SMR customer to a landline customer.
  - 1.3 These Regulations and Rates are in addition to the Regulations and Charges in other Telephone Company tariffs.

#### 2. DEFINITIONS

JUL 151994 The following definitions are in addition to those found in the Explanation of Terms Section of the General Exchange Tariff.

Access Services Tariff.

Public Service Commission Access Services Tariff.

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

> Cellular Mobile Carrier or CMC - A common carrier provider of domestic public cellular telecommunications service, as defined in Part 22, Subpart K, of the Rules of the FCC.

> 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.

(CT) End Office Rate Center - An end office selected by the RCC or SMR as the end office for rating (measuring purposes) for Type 2A interconnection.

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Issued: MAY 0 8 1992

Effective: JUN 0 8 1992

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Radio Common Carrier Interconnection Service Tariff Orlginal Sheet 1

RADIO COMMON CARRIER INTERCONNECTION SERVICE

NOV 28 1990

1. GENERAL

MIGSOURI
Public Service Commission

- 1.1 This Tariff contains regulations, rates and charges applicable to the provision of Radio Common 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 (SVB's) network for originating calls from a landline customer to an Radio Common Carrier (RCC) customer and for terminating calls from an RCC customer to a landline customer.
- 1.3 These Regulations and Rates are in addition to the Regulations, Rates and Charges in other Telephone Company tariffs.

#### 2. DEFINITIONS

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

<u>Access Services Tariff</u> - SWB's Intrastate Access Service Tariff on file with the Missouri Public Service Commission, offering exchange access to interexchange carriers.

Cellular Mobile Carrier or CMC - A common carrier provider of domestic public cellular telecommunications service, as defined in Part 22, Subpart K, of the Rules of the FCC.

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.

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

CANCELLED

JUN 8 1992 BY 12+ P.S#1

Public Service Commission

Issued: NOV 2 7 1990

Effective: DEC 0 1 1990

MISSOURI FILED

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

DEC 1 1990

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(MT)

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

# 2. DEFINITIONS-(Continued)

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

<u>Equal Access Connections</u> - 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.

<u>Local Service Provider or LSP</u> - A nonincumbent carrier which has obtained the certification and authority necessary to provide Exchange Services.

Other Incumbent Local Exchange Companies or ILECs - Local exchange carriers that on the date of enactment of the Telecommunications Act of 1996 were providing telephone exchange service in such area or their successors.

<u>Other Telecommunications Carriers</u> - Local Service Providers or Other Incumbent Local Exchange Companies.

<u>Mobile Switching Center (MSC)</u> - 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.

<u>Originating Traffic</u> - Traffic delivered to a wireless carrier for termination on the wireless carrier's system within the Radio Service Area.

<u>Point of Interconnection</u> - 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.

<u>Point of Termination</u> - The point of demarcation on a carrier's premises where the Telephone Company's responsibility or service ends.

<u>Radio Transmitter Links</u> - 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.

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

Issued: Jan. 7, 1998 Effective: Feb. 6, 1998

Filed MO PSC

Wireless Carrier Interconnection Service Tariff Replacing 2nd Revised Sheet

### WIRELESS CARRIER INTERCONNECTION SERVICE

FEB 16 1995

#### 2. DEFINITIONS-(Continued)

(MT)

End Office Rate Center - An end office selected by the wMOJPHIGSERVEE GOMM. (MT) the end for rating (measuring purposes) for Type 2A interconnection.

> 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.

> 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. FEB 06 1998

Tandem Office - A Telephone Company switching system that provides & # 2 concentration and distribution function for originating By refricating traffic between Telephone Company end offices or the Mablic Service Commission

Telephone Company - Southwestern Bell Telephone Company (SWBT).

Terminating Traffic - Traffic received from a carrier for delivery to a point on the intraLATA wireline exchange network. MAR 18 Effective MAR 1 6 1965

Issued: FEB 1 6 1995

By HORACE WILKINS, JR., President-Missouri

MAR 18 1995

Southwestern Bell Telephone Company St. Louis, Missouri

MISSOURI Public Service Commission

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

# (CT) WIRELESS CARRIER INTERCONNECTION SERVICE CEIVED

DEFINITIONS-(Continued)

MAY 27 1994

(MT)(CT)

Mobile Switching Center (MSC) - A wireless carrier's switching equipment or terminal used to provide the wireless carrier's switching setvices of mission 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.

(HT)

 $\underline{\text{NXX Code}}$  - A block of 10,000 consecutive telephone numbers having the same 3-digit prefix.

(CT) 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.

<u>Point of Termination</u> - The point of demarcation on a carrier's premises where the Telephone Company's responsibility or service ends.

(RT)

(CT) 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.

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

(RT)

(MT)

(MT)

Tandem Office - A Telephone Company switching system that provides evice Commission concentration and distribution function for originating or refmination traffic between Telephone Company end offices or the network.

Telephone Company - Southwestern Bell Telephone Company (SWBT).

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

Issued: MAY 3 1 1994

Effective: JUL 1 5 1994 JUL 1 5 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry (Resemble Commission Southwestern Bell Telephone Company St. Louis, Missouri

Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 2 Replacing Original Sheet 2

# RADIO COMMON CARRIER INTERCONNECTION SERVICE

RECEIVED

2. DEFINITIONS-(Continued)

MAY - 6 1992

- Radio Common Carrier and Specialized Mobile Radio Interconnection Service Hereafter referred to as service, are dedicated circuits between carcagnification point of termination and the Telephone Company's point of switching for the exchange of traffic. Such circuits may be one-way or two-way.
- (CT) RCC or SMR Service Area The geographic area served by a carrier's system where the carrier is authorized to provide service under Parts 22, 73 or 90 of the FCC Rules and Regulations. For cellular carriers this area is the Cellular Geographic Service Area (CGSA).

 $\underline{NXX}$  Code - A block of 10,000 consecutive telephone numbers having the same 3-digit prefix.

- (CT) Originating Traffic Traffic delivered to an RCC or SMR for termination on the RCC or SMR'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 term Arting LTD 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 of where the Telephone Company's responsibility or service ends by Service Commission

Radio Common Carrier (RCC) - A licensee under Part 22 or Part 73 of the FCC Rules and Regulations who provides radio telecommunications service excluding Rural Radio Service.

- (CT) Radio Transmitter Links Dedicated voice and/or data circuits provided by the Telephone Company between an RCC or SMR Mobile Telephone Serving Office (MTSO) and tower/cell site locations or between tower/cell site locations.
- (CT) Service Group A group of RCC or SMR connection service circuits of the same configuration combined into a single service group for traffic handling.
- (AT) Specialized Mobile Radio Service A radio system in which licensees provide land mobile communication service (other than radio location services) in the 800 MHZ and 900 MHZ bands on a commercial basis to entities eligible to be licensed under Part 90 of the FCC Rules and Regulations, Federal Government entities and individuals.

Specialized Mobile Radio (SMR) Provider - A licensee under Part 90, Subpart S, of the FCC Fules and Regulations who provide land mobile communication service.

Issued: MAY 0 8 1992

(TA)

(HT)

Effective: JUN 0 8 1992

JUN 8 1992

Radio Common Carrier Interconnection Service Tariff Original Sheet 2 PECHYED

### RADIO COMMON CARRIER INTERCONNECTION SERVICE

NOV 28 1990

# DEFINITIONS-(Continued)

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Radio Common Carrier Interconnection Service - Hereafter referred さらto tas Commとがので service, are dedicated circuits between a carrier's point of termination and the Telephone Company's point of switching for the exchange of traffic. Such circuits may be one-way or two-way.

RCC Service Area - The geographic area served by a carrier's system where the carrier is authorized to provide service under Part 22 or 73 of the FCC Rules and Regulations. For cellular carriers this area is the Cellular Geographic Service Area (CGSA).

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

Originating Traffic - Traffic delivered to an RCC for termination on the RCC'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 SWB 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 Common Carrier (RCC) - A licensee under Part 22 or Part 73 of the FCC Rules and Regulations who provides radio telecommunications service excluding Rural Radio Service.

Radio Transmitter Links - Dedicated voice and/or data circuits provided by the Telephone Company between an RCC Mobile Telephone Serving Office, (MTSO) and tower/cell site locations or between tower/cell site locations.

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

Tandem Office - A Telephone Company switching system that provides a concentration and distribution function for originating or terminating CELLED traffic between Telephone Company end offices or the network. JUN 8 1992

Telephone Company - Southwestern Bell Telephone Company ("SWB"). By Lat R. S. # 2

Public Service Commission

**MISSOURI** 

Issued: NOV 2 7 1990

Effective: BEC 0 1 1990 FILED

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

#### WIRELESS CARRIER INTERCONNECTION SERVICE

# 2. DEFINITIONS-(Continued)

(MT)

<u>Tandem Office</u> - A Telephone Company switching system that provides a concentration and distribution function for originating or terminating traffic between Telephone Company end offices or the network.

Telephone Company - Southwestern Bell Telephone Company (SWBT).

(MT)

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

<u>Terminating Usage</u> - 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.

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

<u>Wireless Carrier (WC) Interconnection Service</u> - 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.

<u>Wireless Carrier Service Area</u> - 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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Issued: Jan. 7, 1998 Effective: Feb. 6, 1998



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

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# WIRELESS CARRIER INTERCONNECTION SERVICE

2. DEFINITIONS-(Continued)

NOV 1 4 1996

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

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

<u>Wireless Carrier (WC) Interconnection Service</u> - 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.

<u>Wireless Carrier Service Area</u> - 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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FEB 06 1998

By DIA COMMISSION

DEC 1 & 1888

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Issued:

NOV 1 4 1996

Effective:

DEC 1 4 1996

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

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# WIRELESS CARRIER INTERCONNECTION SERVICE

2. DEFINITIONS-(Continued)

SEP 27 1996

, 7

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

# Wireless Carrier

(AT) A licensee under Parts 22, Part 90 or Part 24 of the FCC Rules and Regulations who provide radio

(RT) telecommunications service.

(RT)

(RT)

<u>Wireless Carrier (WC) Interconnection Service</u> - 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. Such circuits may be one-way or two-way.

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

3. GENERAL REGULATIONS

3.1 Liability of the Telephone Company

A. The Telephone Company's failure to provide or maintain service under this Service treshings on interruption allowance provisions of this Tariff, shall be excused by labor difference provisions of this Tariff, shall be excused by labor difference provisions, 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.

FILED

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Issued:

SEP 2 8 1996

Effective:

MO.PUBLICSERVICE COMM

NOV 2 3 1996

DEC 1 4 1998

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

(CT) Wireless Carrier Interconnection Service Tariff 2nd Revised Sheet 3 Replacing 1st Revised Sheet 3

# (CT) WIRELESS CARRIER INTERCONNECTION SERVICE

DEFINITIONS-(Continued)

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MAY 27 1994

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Terminating Usage - For purposes of this Tariff, the usage forwhite Commission 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.

(AT)

(CT)

Wireless Carrier

A licensee under Parts 22 or Part 90 of the FCC Rules and Regulations who provide radio telecommunications service. Specifically, these carriers are: Radio Common Carriers (RCCs) licensed under Part 22, Subpart K and Subpart G; Specialized Mobile Radio Providers (SMRs) licensed under Part 90, Subpart S and Private Carrier Pagers (PCPs) licensed under Part 90, Subpart P.

(MT)(CT)

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. Such circuits may be one-way or two-way.

(CT)

<u>Wireless Carrier Service Area</u> - The geographic area served by a carrier's system where the carrier is authorized to provide service Parts 22 or 90 of the FCC Rules and Regulations.

(MT)(RT)

- GENERAL REGULATIONS
- 3.1 Liability of the Telephone Company
  - The Telephone Company's failure to provide or maintainesserving under this Tariff subject to the interruption allowance provides on this Tariff, shall be excused by labor difficulties. shall be excused by labor difficulties, government orders, civil commotions, acts of God and other circumstances beyond the Telephone Company's reasonable control.
  - 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

days.

JUL 1 5 1994

(TM)

Issued: MAY 3 1 1994 Effective:

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Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 3 Replacing Original Sheet 3

## RADIO COMMON CARRIER INTERCONNECTION SERVICE

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DEFINITIONS-(Continued)

MAY - 6 1992

(MT)

Tandem Office - A Telephone Company switching system that provides a concentration and distribution function for originating or terminating OURI traffic between Telephone Company end offices or the network!ic Service Commission

(C) (MT)

Telephone Company - Southwestern Bell Telephone Company (SWBT).

(CT)

(CI)

(CT)

Mobile Telephone Switching Office (MTSO) - An RCC or SMR's switching equipment or terminal used to provide the RCC or SMR's switching services or alternatively, any other point of termination designated by the RCC or SMR. The MTSO connects the carrier's customers within its Radio Service Area to the Telephone Company's facilities.

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 RCC or SMR-originated traffic interchanged with SWBT for terminating at a point on the intraLATA wireline exchange network.

3. GENERAL REGULATIONS

JUL 151994 BY 2 MR S #3

3.1 Liability of the Telephone Company

Public Service Commission

- A. The Telephone Company's failure to provide or maintain service unbecated a 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.

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.

FILED

JUN 8 1992

Issued: MAY 0 8 1992

Effective: JUN 0 8 1992

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Radio Common Carrier
Interconnection Service Tariff
Original Sheet 3

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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DEFINITIONS-(Continued)

MISSOUTH !

Mobile Telephone Switching Office (MTSO) - An RCC's switching equipment or is ion terminal used to provide the RCC's switching services or, alternatively, any other point of termination designated by the RCC. The MTSO connects the carrier's customers within its Radio Service Area to the Telephone Company's facilities.

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 RCC originated traffic interchanged with SWB for terminating at a point on the intraLATA wireline exchange network.

3. GENERAL REGULATIONS

JUN 8 1992

3.1 Liability of the Telephone Company

BY Lat-R.5 \*\* 3
Public Service Commission

- A. The Telephone Company's failure to provide or maintain same specific 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.

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

Issued: MOV 2 7 (00)

Effective: DEC 0 1 1990

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

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- 3. GENERAL REGULATIONS-(Continued)
- 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 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.

Issued: August 7, 1998 Effective: October 23, 1998

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(CT)Wireless Carrier Interconnection Service Tariff 2nd Revised Sheet 4 Replacing 1st Revised Sheet 4

# (CT) WIRELESS CARRIER INTERCONNECTION SERVICE

3. GENERAL REGULATIONS-(Continued)

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3.1 Liability of the Telephone Company-(Continued)

MAY 27 1994

B. -(Continued)

MISSOURI Public Service Commission

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 CANCELED providers.
- 3.2 Obligations of the Carrier

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A. The carrier is solely responsible Service Commission arges for facilities and services furnished the carrier, in MSSOUR harges for facilities will be confident 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.
- 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.

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Issued: MAY 3 1 1994

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JUL 1 - 1994 Effective: 111 1 1904

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Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 4 Replacing Original Sheet 4

RADIO COMMON CARRIER INTERCONNECTION SERVICE

GENERAL REGULATIONS-(Continued)

MAY - 6 1992

3.1 Liability of the Telephone Company-(Continued)

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- The Telephone Company's liability, if any, for its gross megligence formmission 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.
- The Telephone Company is not liable for any act or omission of other providers.
- 3.2 Obligations of the Carrier
  - 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.
- C. The rates and rate structure established by this Tariff shall not apply to the RCC or SMR'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.

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Public Service Commission

Issued: MAY 0 8 1992

JUN 0 8 1992

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By A. D. ROBERTSON, Assistant Vice President-Missouri DIVISIONIC SERVICE COMM. Southwestern Bell Telephone Company St. Louis, Missouri

Radio Common Carrier Interconnection Service Tariff Original Sheet 4

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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3. GENERAL REGULATIONS-(Continued)

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3.1 Liability of the Telephone Company-(Continued)

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C. (Continued)

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.
- C. The rates and rate structure established by this Tariff shall not apply to the RCC'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.

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Public Service Commission MISSOURI

Issued: NOV 2 7 1990

Effective:

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

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- 3. GENERAL REGULATIONS-(Continued)
- 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.



Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 5 Replacing 2nd Revised Sheet 5

# WIRELESS CARRIER INTERCONNECTION SERVICE

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3. GENERAL REGULATIONS-(Continued)

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3.2 Obligation of the Carrier-(Continued)

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- (AT) D. Resellers of licensed wireless carrier's services must provide a Letter of Authorization signed by
   (AT) 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.

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By Why 5 5 Public Service Commission

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Issued:

NOV 1 4 1996

Effective:

DEC 1 4 1996

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

(CT)Wireless Carrier Interconnection Service Tariff 2nd Revised Sheet 5 Replacing 1st Revised Sheet 5

(CT) WIRELESS CARRIED INTERCONNECTION SERVICER ECEIVED

GENERAL REGULATIONS-(Continued)

MAY 27 1994

3.3 Payments, Deposits and Termination of Service

MISSOURI Public Service Commission

DEC 1 4 1996

A. Advance Payment

(CT) 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 (CT) wireless carrier.

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

B. Late Payment

(CT)

(CT)

(CT)

(CT)

If the entire amount billed, exclusive of any amount disputed by the wireless carrier, is not received by the Telephone Company with a company 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.

# C. Deposit

The Telephone Company may, in order to safeguard its interest, only require a vireless 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?

Issued:

Effective JUL 1 5 1994 JUL 1 5 1994

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Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 5 Replacing Original Sheet 5

#### RADIO COMMON CARRIER INTERCONNECTION SERVICE

3. GENERAL REGULATIONS-(Continued)

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3.3 Payments, Deposits and Termination of Service

MAY - 6 1992

A. Advance Payment

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(CT) When making application for service the RCC or SMR 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 (CT) RCC or SMR.

(CT) The amount of the advance payment will be credited to the RCC or SMR's account and applied against any indebtedness.

B. Late Payment

(CT) If the entire amount billed, exclusive of any amount disputed by the RCC or SMR, 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 ABLELLED
- (2) 0.000590 per day, compounded daily and applied for each month or portion thereof that an outstanding balance remains. JUL 151994
- C. Deposit

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BY 2 MR. S. \*5
Public Service Commission

The Telephone Company may, in order to safeguard its interest, only sequire an RCC or SMR to make a deposit prior to, or at any time after, the provision of a service to the RCC or SMR 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 RCC or SMR 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.

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Issued: MAY 0 8 1992

Effective: JUN 0 8 1992

JUN 8 1992

By A. D. ROBERTSON, Assistant Vice President-Missouri Division
Southwestern Bell Telephone Company MO. PUBLIC SERVICE COMM.
St. Louis, Missouri

Radio Common Carrier Interconnection Service Tariff Original Sheet 5

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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GENERAL REGULATIONS-(Continued)

NOV 28 1990

3.3 Payments, Deposits and Termination of Service

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A. Advance Payment

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When making application for service the RCC 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 RCC.

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

B. Late Payment

If the entire amount billed, exclusive of any amount disputed by the RCC, 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 CANCELLED
- (2) 0.000590 per day, compounded daily and applied for each month or portion thereof that an outstanding balance remains. JUN 8 1992

C. Deposit

Public Service Commission

The Telephone Company may, in order to safeguard its interest, or the a RCC to make a deposit prior to, or at any time after, the provision of a service to the RCC 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 RCC from complying with the Telephone Company's regulations as to advance payments or the prompt payment of bills or constitute 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.

Issued: **#OV** 2 7 1990

Effective: N

DEC 0 1 1990

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(MT)

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Wireless Carrier Interconnection Service Tariff Original Sheet 5.01

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- 3. GENERAL REGULATIONS-(Continued)
  - 3.3 Payments, Deposits and Termination of Service-(Continued)
- (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.

Issued: Nov. 14, 1996 Effective: Dec. 14, 1996

(CT)

(CT)

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

- 3. GENERAL REGULATIONS-(Continued)
  - 3.3 Payments, Deposits and Termination of Service-(Continued)
    - C. Deposit-(Continued)

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

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: February 16, 1995 Effective: March 18, 1995



(CT)Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 6 Replacing 2nd Revised Sheet 6

# (CT) VIRELESS CARRIER INTERCONNECTION SERVECE CENTED

GENERAL REGULATIONS-(Continued)

MAY 27 1994

- 3.3 Payments, Deposits and Termination of Service-(Continued) MISSOUR!
- C. Deposit-(Continued)

Public Service Commission

- (CT) 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 (CT) 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 (CT) 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 (CT) 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

(CT)

(RT)

- 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. MAR 18 1995
- 3.5 Directory Assistance

Directory Assistance (DA) Service will be provided subject to the Regulations, Rates and Charges found in Section 9 of the Access Service Commission Tariff. The carrier may also opt to provide Fully Automated Directory Assistance Call Completion (DACC) as provided in Paragraph 2 for Tariff. The DA Tariff. Tariff. The DA rates and charges set forth in Section 9 of the Adeess Services Tariff are not applicable with the DACC Single Rate Option as described in Paragraph 3.6.B of this Tariff. JUL 15 1994

Issued: MAY 3 1 1994

Effective: 711 1 100) • MISSOURI By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations

Radio Common Carrier Interconnection Service Tariff 2nd Revised Sheet 6 Replacing 1st Revised Sheet 6

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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GENERAL REGULATIONS-(Continued)

MAY - 61992

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

MISSOURI

C. Deposit-(Continued)

**Public Service Commission** 

- At such time as the provision of the service to the RCC or SMR is (CT) terminated, the amount of the deposit and any applicable interest will be credited to the RCC or SMR's account and any credit balance which may (CT) remain will be refunded.
- At the option of the Telephone Company, such a deposit may be refunded or (CT) credited to the RCC or SMR's account at any time prior to the termination of the provision of service to the RCC or SMR. Should a deposit be (CT) credited to the RCC or SMR's account, no interest will accrue on the (CT) 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 RCC or SMR, without incurring any liability, (CT) forthwith discontinue the furnishing of said service. Proper notice shall consist of notice sent by certified mail, return receipt requested ANCELLED least 30 days prior to a stated date of disconnection.

3.4 Directory Listings

JUL 151994

- Directory Listings are not included in the rates for services in this BY 3 16 Public Service Commission
- Regular extra listings and special types of extra listings will be MISSOURI 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 mobile service users.
- 3.5 Directory Assistance
- Directory Assistance (DA) Service will be provided subject to the Regulations, Rates and Charges found in Section 9 of the Access Services (C) 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 Section 9 of the Access Services Tariff are not applicable with the DACC Single Rate Option as (C) described in Paragraph 3.6.B of this Tariff. FILED

Issued: **HAY 0** 8 1992

Effective: JUN 0 8 1992

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By A. D. ROBERTSON, Assistant Vice President-Missouri Division
MO. PUBLIC SERVICE COMM. Southwestern Bell Telephone Company St. Louis, Missouri

Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 6 Replacing Original Sheet 6

# RADIO COMMON CARRIER INTERCONNECTION SERVICE

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GENERAL REGULATIONS-(Continued)

FEB 19 1992

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

MISSOURI

C. Deposit-(Continued)

**Public Service Commission** 

At such time as the provision of the service to the RCC is terminated, the amount of the deposit and any applicable interest will be credited to the RCC'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 RCC's account at any time prior to the termination of the provision of service to the RCC. Should a deposit be credited to the RCC'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 RCC, 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

JUN 8 1992

- A. Directory Listings are not included in the rates for services in Byhis RS #6
  Tariff. Public Service Commission
- 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 mobile service users.
- 3.5 Directory Assistance

(AT)

Directory Assistance (DA) Service will be provided subject to the Regulations, Rates and Charges found in Section 9 of the Access Service 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 Section 9 of the Access Service Tariff are not applicable with the DACC Single Rate Option as described in Paragraph 3.6.B of this Tariff.

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MO. PUBLIC SERVICE COMM.

Radio Common Carrier Interconnection Service Tariff Original Sheet 6

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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GENERAL REGULATIONS-(Continued)

NOV 28 1990

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

MISSOLA

C. Deposit-(Continued)

Public Service Commission

At such time as the provision of the service to the RCC is terminated, the amount of the deposit and any applicable interest will be credited to the RCC'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 RCC's account at any time prior to the termination of the provision of service to the RCC. Should a deposit be credited to the RCC'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 RCC, 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

MAR 22 1992

A. Directory Listings are not included in the rates for services in this RS to Tariff.

Public Service Commission

- B. Regular extra listings and special types of extra listings will MSSOUR! 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 mobile service users.
- 3.5 Directory Assistance

Directory Assistance Service will be provided subject to the Regulations, Rates and Charges found in Section 9 of the Access Services Tariff.

3.6 Operator Service

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

Issued: NOV 2 7 1990

Effective:

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FILED

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri DEC 1 1990 90 - 144

Public Service Commission.

(CT)Wireless Carrier
Interconnection Service Tariff
3rd Revised Sheet 6.01
Replacing 2nd Revised Sheet 6.01

# (CT)WIRELESS CARRIER INTERCONNECTION SERVICE

# 3. GENERAL REGULATIONS-(Continued)

## 3.6 Directory Assistance Call Completion (DACC)

# A. Multi Rate Option

Directory Assistance Call Completion will be provided subject to the Regulations found in Section 6, Paragraph 6.13 of the General Exchange Tariff. The rate for each DACC completed call is \$.20 in addition to the DA rates referenced in Paragraph 3.5 of this Tariff. For DACC completed calls, Type 2A usage rates also apply. Terminating usage generated by DACC calls should be considered when determining the applicability of the Minimum Charge described in Paragraph 6.4 of this Tariff.

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B. Single Rate Option

If the wireless carrier chooses the Multi Rate Option, Automatic Number Identification (ANI) is required from the wireless carrier. ANI should be delivered via the Operator Services circuits from the MSC to the Company's TOPS tandem according to the Company's specifications. Detailed billing information based upon the 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 7.5.D. of this Tariff applies.

DACC will be provided at the carrier end-user's choice on any Directory Assistance Call subject to the regulations found in Section 6 (excluding Paragraphs 6.12.2 and 6.12.3) of the General Exchange Tariff.

Carriers who choose this option will be billed a fixed rate of \$.50 for each Directory Assistance Call. This per call charge will apply whether or not the carrier end-user chooses to use the DACC service. No other DACC charge applies. For DACC completed calls, Type 2A usage rates, as described in Section 7, Paragraph 7.1 of this Tariff, also apply. Terminating usage generated by DACC calls should be considered when determining the applicability of the Minimum Charge described in Paragraph 6.4 of this Tariff.

Issued: May 31, 1994 Effective: July 15, 1994



Radio Common Carrier Interconnection Service Tariff 2nd Revised Sheet 6.01 Replacing 1st Revised Sheet 6.01

RADIO COMMON CARRIER INTERCONNECTION SERVICE

GENERAL REGULATIONS-(Continued)

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3.6 Directory Assistance Call Completion (DACC)

OCT 26 1992

A. Multi Rate Option

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Public Service Commission

Directory Assistance Call Completion will be provided subject to the Regulations found in Section 6, Paragraph 6.13 of the General Exchange Tariff. The rate for each DACC completed call is \$.20 in addition to the DA rates referenced in Paragraph 3.5 of this Tariff. For DACC completed calls, Type 2A usage rates also apply. Terminating usage generated by DACC calls should be considered when determining the applicability of the Minimum Charge described in Paragraph 6.4 of this Tariff.

If the RCC or SMR chooses the Multi Rate Option, Automatic Number Identification (ANI) is required from the RCC or SMR. ANI should be delivered via the Operator Services circuits from the MTSO to the Company's TOPS tandem according to the Company's specifications. Detailed billing information based upon the ANI-provided account number will be provided to the RCC or SMR via a Billing Information Tape (BIT) or Electronic Data Transmission. If the RCC or SMR chooses to receive this information via a billing tape, the per tape charge listed in Paragraph 7.4.E of this Tariff applies.

B. Single Rate Option

DACC will be provided at the carrier end-user's choice on any Directory Assistance Call subject to the regulations found in Section 6 (excluding Paragraphs 6.12.2 and 6.12.3) of the General Exchange Tariff.

Carriers who choose this option will be billed a fixed rate of \$.50 for each Directory Assistance Call. This per call charge will apply whether or not the carrier end-user chooses to use the DACC service. No other DACC charge applies. For DACC completed calls, Type 2A usage rates, as described in Section 7, Paragraph 7.1 of this Tariff, also apply. Terminating usage generated by DACC calls should be considered when determining the applicability of the Minimum Charge described in Paragraph 6.4 of this Tariff.

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**Public Service Commission** 

Issued: **OCT 3 0** 1992

Effective: NOV 3 0 1992

Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 6.01 Replacing Original Sheet 6.01

RADIO COMMON CARRIER INTERCONNECTION SERVICE RECEIVED

GENERAL REGULATIONS-(Continued)

MAY - 6 1992

3.6 Directory Assistance Call Completion (DACC)

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A. Multi Rate Option

Public Service Commission

Directory Assistance Call Completion will be provided subject to the Regulations, Rates and Charges found in Section 6, Paragraph 6.13 of the General Exchange Tariff. (The DACC rates and charges will be in addition to the DA rates referenced in Paragraph 3.5 of this Tariff.) For DACC completed calls, Type 2A usage rates also apply. Terminating usage generated by DACC calls should be considered when determining the applicability of the Minimum Charge described in Paragraph 6.4 of this Tariff.

(CT) If the RCC or SMR chooses the Multi Rate Option, Automatic Number

Identification (ANI) is required from the RCC or SMR. ANI should be (CT) delivered via the Operator Services Circuits from the MTSO to the Company's TOPS tandem according to the Company's specifications. Detailed billing information based upon the ANI-provided account number will be provided to

the RCC or SMR via a Billing Information Tape (BIT) or Electronic Data (CT) (CT)

Transmission. If the RCC or SMR chooses to receive this information via a billing tape, the per tape charge listed in Paragraph 7.4.E of this Tariff applies.

Single Rate Option

DACC will be provided at the carrier end-user's choice on any Directory Assistance call subject to the regulations found in Section 6 (excluding Paragraphs 6.12.2 and 6.12.3) of the General Exchange Tariff.

Carriers who choose this option will be billed a fixed rate of \$.60 for each Directory Assistance Call. This per call charge will apply whether or not the carrier end-user chooses to use the DACC service. No other DACC charge applies. For DACC completed calls, Type 2A usage rates, as described in Section 7, Paragraph 7.1 of this Tariff, also apply. Terminating usage generated by DACC calls should be considered when determining the applicability of the Minimum Charge described in Paragraph 6.4 of this Tariff.

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Issued: MAY 0 8 1992

Effective: JUN 0 8 1992

MO. PUBLIC SERVICE COMM.

By A. D. ROBERTSON, Assistant Vice President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Radio Common Carrier Interconnection Service Tariff Original Sheet 6.01

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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GENERAL REGULATIONS-(Continued)

FEB 19 1992

3.6 Directory Assistance Call Completion (DACC)

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A. Multi Rate Option

**Public Service Commission** 

Directory Assistance Call Completion will be provided subject to the Regulations, Rates and Charges found in Section 6, Paragraph 6.13 of the General Exchange Tariff. (The DACC rates and charges will be in addition to the DA rates referenced in Paragraph 3.5 of this Tariff.) For DACC completed calls, Type 2A usage rates also apply. Terminating usage generated by DACC calls should be considered when determining the applicability of the Minimum Charge described in Paragraph 6.4 of this Tariff.

If the RCC chooses the Multi Rate Option, Automatic Number Identification (ANI) is required from the RCC. ANI should be delivered via the Operator Services Circuits from the MTSO to the Company's TOPS tandem according to the Company's specifications. Detailed billing information based upon the ANI-provided account number will be provided to the RCC via a Billing Information Tape (BIT) or Electronic Data Transmission. If the RCC chooses to receive this information via a billing tape, the per tape charge listed CANCELLED

Single Rate Option

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DACC will be provided at the carrier end-user's choice on any Byellow, Assistance call subject to the regulations found in Section blice Services Commission Paragraphs 6.12.2 and 6.12.3) of the General Exchange Tariff. MISSOURI

Carriers who choose this option will be billed a fixed rate of \$.60 for each Directory Assistance Call. This per call charge will apply whether or not the carrier end-user chooses to use the DACC service. No other DACC charge applies. For DACC completed calls, Type 2A usage rates, as described in Section 7, Paragraph 7.1 of this Tariff, also apply. Terminating usage generated by DACC calls should be considered when determining the applicability of the Minimum Charge described in Paragraph 6.4 of this Tariff.

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MAR 221992

Issued: FEB 2 1 1992 Effective: MAR 2 2 1992 MO. PUBLIC SERVICE COMM.

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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

# 3. GENERAL REGULATIONS-(Continued)

## 3.7 Operator Service

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

# 3.8 Special Construction

(CT) If the wireless carrier's request for interconnec

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.

#### 3.9 Radio Transmitter Links

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.

# 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

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.

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Issued: May 31, 1994 Effective: July 15, 1994

Radio Common Carrier
Interconnection Service Tariff
2nd Revised Sheet 7
Replacing 1st Revised Sheet 7

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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GENERAL REGULATIONS-(Continued)

MAY - 6 1992

3.7 Operator Service

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

- 3.8 Special Construction
- (CT) If the RCC or SMR's request for interconnection requires construction of special facilities as outlined in Section 14 of the Access Services Tariff, the RCC or SMR will be assessed special construction charges as therein outlined.
  - 3.9 Radio Transmitter Links

The Telephone Company charge for radio transmitter links shall be equivalent to the specific rate elements and rate levels in Section ANDELLED the Access Services Tariff, except that no special access surcharge shall be applicable.

3.10 Special Service Arrangements

JUL 151994

When the customer requests a service arrangement which requires the roice Commission installation of special equipment or modification of standard equipment of it can be furnished by the Telephone Company at additional rates and charges as provided in the General Exchange Tariff, Section 17.

3.11 Telephone Numbers

Telephone numbers may be provided subject to the following limitations:

- A. Shared or dedicated NXX codes are available as specified in Paragraph 7.3.
- In an RCC or SMR 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 CGSA serves multiple NPAs.
  - 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.

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Issued: MAY 0 8 1982

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<del>JUN 8 1992</del>

Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 7 Replacing Original Sheet 7

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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3. GENERAL REGULATIONS-(Continued)

FEB 19 1992

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3.7 Operator Service

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Public Service Commission

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

(FC) 3.8 Special Construction

If the RCC's request for interconnection requires construction of special facilities as outlined in Section 14 of the Access Services Tariff, the RCC will be assessed special construction charges as therein outlined.

(FC) 3.9 Radio Transmitter Links

The Telephone Company charge for radio transmitter links shall be equivalent to the specific rate elements and rate levels in Section And FLLED the Access Services Tariff, except that no special access surcharge shall be applicable.

(FC) 3.10 Special Service Arrangements

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When the customer requests a service arrangement which requirest commission installation of special equipment or modification of standard equipment of it can be furnished by the Telephone Company at additional rates and charges as provided in the General Exchange Tariff, Section 17.

(FC) 3.11 Telephone Numbers

Telephone numbers may be provided subject to the following limitations:

- A. Shared or dedicated NXX codes are available as specified in Paragraph 7.3.
- B. In an RCC 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 CGSA serves multiple NPAs.
- 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.

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MO. PUBLIC SERVICE COMM.

Radio Common Carrier Interconnection Service Tariff Original Sheet 7

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RADIO COMMON CARRIER INTERCONNECTION SERVICE

NOV 28 1990

GENERAL REGULATIONS-(Continued)

3.7 Special Construction

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If the RCC's request for interconnection requires construction of special facilities as outlined in Section 14 of the Access Services Tariff, the RCC will be assessed special construction charges as therein outlined.

3.8 Radio Transmitter Links

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.

3.9 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.

3.10 Telephone Numbers

Telephone numbers may be provided subject to the following limitations:

- Shared or dedicated NXX codes are available as specified in Paragraph 7.3.
- B. In an RCC 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 CGSA serves multiple NPA's.
- 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.

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Public Service Commission MISSOURI

Issued: NOV 2 7 1990

Effective:

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# (CT)WIRELESS CARRIER INTERCONNECTION SERVICE

# 3. GENERAL REGULATIONS-(Continued)

## (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.

(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 (CT)

  NXX codes will not be required when one tandem within a service area serves multiple NPAs.
  - 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.

Issued: May 31, 1994 Effective: July 15, 1994

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

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- 3. GENERAL REGULATIONS-(Continued)
  - 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.

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Issued: November 12, 1998 Effective: December 12, 1998



Wireless Carrier Interconnection Service Tariff 4th Revised Sheet 8 Replacing 3rd Revised Sheet 8 RECEIVED

#### WIRELESS CARRIER INTERCONNECTION SERVICE

3. GENERAL REGULATIONS-(Continued)

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3.13 Telephone Numbers-(Continued)

- For Type 1 interconnection telephone numbers are normally price Region Commission 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.
- 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.

By Succe Commission Public Service Commission

Wireless Carriers about

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.

- (AT) 3.16 Voice Activated Dialing (VAD)
  - A. If a wireless carrier subscribes to SWBT's VAD service, the carrier's end-user customer will be able to access SWBT's VAD system for the purpose of completing voice activated dialed calls. VAD will recognize and match the spoken input with the voice directory established previously by the carrier's end-user customer. The VAD system will then forward the dialing information to the wireless carrier's MSC where the MSC will complete the call.
  - The Telephone Company shall not be liable for any loss or damage arising out of error, interruptions, defects, failure or malfunction of VAD equipment. Damages arising out of such error, interruptions, defects, failure or malfunction of service after the Telephone Company has been notified and has had a reasonable time for repair, shall in no event exceed an amount equivalent to the charges made for the period following notified (1) from the wireless carrier until service is restored.

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Issued: NOV 2 7 1995

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Effective: MO. PUBLIC SERVICE COMM.

(CT)Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 8 Replacing 2nd Revised Sheet 8

# (CT) WIRELESS CARRIER INTERCONNECTION SERVICE

GENERAL REGULATIONS-(Continued)

MAY 27 1994

(FC) 3.13 Telephone Numbers-(Continued)

MISSOURI Public Service Commission

- (AT) 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 (CT) nonconsecutive basis when acceptable to the wireless carrier and the
- Telephone Company and if within the normal limitations of the serving (CT) office. The wireless carrier shall acquire and retain the same rights to telephone numbers as an independent telephone company.
  - 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.
- (FC) 3.14 End User Common Line Charges

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

- (FC)(CT) 3.15 Wireless Carrier-Provided Pacilities
  - (CT) Wireless Carriers shall have the right to transport traffic over (CT) 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 availablance (CT) employees for installation and maintenance purposes.
    - DESCRIPTION OF SERVICE
      - 4.1 Interconnection Service Circuits

MAR 6 1996 BY 4th R. S. # 8 Wireless Carrier Interconnection Service circuits and switching the COURT (CT) 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 dism or may be loop supervision.

JUL 15 1994

Issued:

MAY 3 1 1994

By M. H. SCHULTEIS, Division Manager-Regulation & Industry Relation Commission Southwestern Bell Telephone Company

St. Louis, Missouri

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Radio Common Carrier Interconnection Service Tariff 2nd Revised Sheet 8 Replacing 1st Revised Sheet 8

## RADIO COMMON CARRIER INTERCONNECTION SERVICE

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3. GENERAL REGULATIONS-(Continued)

MAY - 6 1992

3.11 Telephone Numbers-(Continued)

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- D. Telephone numbers are normally provided on a consecutive number basis Gnimission 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 RCC or SMR and the Telephone Company and if within the normal limitations of the serving office. The RCC or SMR 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.
- 3.12 End User Common Line Charges

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

- (CT) 3.13 RCC or SMR-Provided Facilities
- (CT) RCCs and SMRs shall have the right to transport traffic over facilities (CT) provided by the RCC or SMR to any location geographically proximate to the Type 1, Type 2A or Type 2B Telephone Company switching offices. That
- (CT) location must be owned/leased and maintained by the RCC or SMR and access
  (C) to that location by SWBT employees for installation and maintenanteelle

purposes must be available.

4. DESCRIPTION OF SERVICE

4.1 Interconnection Service Circuits

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Public Service Commission

A. Radio Common Carrier or Specialized Mobile Radio 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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Issued: MAY 0 8 1992

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Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 8 Replacing Original Sheet 8

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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GENERAL REGULATIONS-(Continued)

FEB 19 1992

(FC) 3.11 Telephone Numbers-(Continued)

MISSOURI

- D. Telephone numbers are normally provided on a consecutive number basis Cimmission 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 RCC and the Telephone Company and if within the normal limitations of the serving office. The RCC 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.

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(FC) 3.12 End User Common Line Charges

JUN 8 1992

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

(FC) 3.13 RCC-Provided Facilities

Public Service Commission

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

- 4. DESCRIPTION OF SERVICE
- 4.1 Interconnection Service Circuits
  - A. Radio Common 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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Issued: **FEB 2 1 1992** 

Effective: MAR 2 2 1992

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Radio Common Carrier Interconnection Service Tariff Original Sheet 8

RADIO COMMON CARRIER INTERCONNECTION SERVICE

GENERAL REGULATIONS-(Continued)

NOV 28 1990

3.10 Telephone Numbers-(Continued)

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- Public Service Commission D. 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 RCC and the Telephone Company and if within the normal limitations of the serving office. The RCC shall acquire and retain the same rights to telephone numbers as an independent telephone company.
- 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.
- 3.11 End User Common Line Charges

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

3.12 RCC-Provided Facilities

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

DESCRIPTION OF SERVICE

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4.1 Interconnection Service Circuits

**Public Service Commission** 

Radio Common Carrier Interconnection Service circuits and swinging ane 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 lineside 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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Effective: DEC 0 1 1990

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

#### WIRELESS CARRIER INTERCONNECTION SERVICE

3. GENERAL REGULATIONS-(Continued)



## 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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Issued: November 12, 1998 Effective: December 12, 1998



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

No supplement to this tariff will be issued except for the purpose of canceling this tariff. Wireless Carrier Interconnection Service Tariff Original Sheet 8.01

WIRELESS CARRIER INTERCONNECTION SERVICE

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GENERAL REGULATIONS-(Continued)

NOV 27 1995

3.13 Telephone Numbers-(Continued)

(AT) C. VAD service for wireless carriers will be available only physic announced facilities exist.

(MT) 4. DESCRIPTION OF SERVICE

(MT)

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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(CT)Wireless Carrier Interconnection Service Tariff 2nd Revised Sheet 9 Replacing 1st Revised Sheet 9

#### (CT)WIRELESS CARRIER INTERCONNECTION SERVICE

- 4. DESCRIPTION OF SERVICE-(Continued)
  - 4.1 Interconnection Service Circuits-(Continued)
    - 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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Radio Common Carrier
Interconnection Service Tariff
1st Revised Sheet 9
Replacing Original Sheet 9

RADIO COMMON CARRIER INTERCONNECTION SERVICE

FEB 19 1992

DESCRIPTION OF SERVICE-(Continued)

MISSOURI Public Service Commission

- 4.1 Interconnection Service Circuits-(Continued)
- 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 CANCELLED 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

Public Service Commission

A. Any calling scope available to the landline customers is available MOSSONI

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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Radio Common Carrier Interconnection Service Tariff Original Sheet 9

#### RADIO COMMON CARRIER INTERCONNECTION SERVICE

NOV 28 1990

4. DESCRIPTION OF SERVICE-(Continued)

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4.1 Interconnection Service Circuits-(Continued)

Public Salvice Commission

- 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. Connections used for these types of calls are only subject to the charges specified in Paragraph 3.5, 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 in ED operation. Different types of facilities or switching arrangements may no ED 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 landline customers is available to the landline customers is available to the landline customers are available to the landline cu carrier subject to the provisions in Paragraph 4.1.D., preceding MISSOURI
- 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:
  - 1. The designated end office is a subtending office of the tandem; and

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Wireless Carrier Interconnection Service Tariff 4th Revised Sheet 10 Replacing 3rd Revised Sheet 10

## WIRELESS CARRIER INTERCONNECTION SERVICE

- 4. DESCRIPTION OF SERVICE-(Continued)
  - 4.2 Calling Scope and Rate Center-(Continued)
    - B. (Continued)
      - 1. The designated end office is a subtending office of the tandem; and
      - 2. The designated end office is within the wireless carrier's service area of that carrier's system.
    - 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.
  - 4.3 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 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.
- (AT)
  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 carrier telephone number shall be voluntarily ported to any other wireless 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, SWBT 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.

Issued: August 15, 2001 Effective: September 14, 2001

By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



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(CT)Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 10 Replacing 2nd Revised Sheet 10

# (CT) WIRELESS CARRIER INTERCONNECTION SERVICE

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4. DESCRIPTION OF SERVICE-(Continued)

4.2 Calling Scope and Rate Center-(Continued)

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B. (Continued)

MISSOURI Public Service Commission

- 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.
- 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.

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(AT) 4.3 Area Wide Calling Plan

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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
  - 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.
  - D. Type 2B terminating calls cannot be routed to services provided by Realting 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.

    JUL 15 1994

Issued: MAY 3 1 1994

Effective: JUL 1 5 1994 MISSOURI Service Commission

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

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Radio Common Carrier Interconnection Service Tariff 2nd Revised Sheet 10 Replacing 1st Revised Sheet 10

#### RADIO COMMON CARRIER INTERCONNECTION SERVICE

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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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В. (Continued)

**Public Service Commission** 

- The designated end office is a subtending office of the tandem; and
- (CT) 2. The designated end office is within the RCC or SMR Service Area of that carrier's system.
- C. Type 1, Type 2B and line-side interconnections may only be to end offices that serve telephone subscribers within the RCC or SMR Service (MANCELLED) (CT) carrier's system.
  - D. Local terminating usage rates will apply based on the point of JUL 151994 BY 3 ad R. S. 70 (C) interconnection where the call is delivered to SWBT.
    - 4.3 Type 2B Interconnection

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Public Service Commission A. Calls completed via the Type 2B interconnection circuit(s) are terminated in or originated by directory such as (2005) 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 (C) serve high-volume traffic between the MTSO and the SWBT end office(s).
- (C) 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.
  - 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.
  - 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 RCC or SMR utilizes a Type 2B as a standalone interconnection and uses the interconnection for originating traffic, the RCC or SMR has the option of using a dedicated NXX code

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Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 10 Replacing Original Sheet 10

#### RADIO COMMON CARRIER INTERCONNECTION SERVICE

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DESCRIPTION OF SERVICE-(Continued)

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4.2 Calling Scope and Rate Center-(Continued)

B. (Continued)

MISSOURI
Public Service Commission

- (MT) 1. The designated end office is a subtending office of the tandem; and
  - 2. The designated end office is within the RCC Service Area of that carrier's system.
  - C. Type 1, Type 2B and line-side interconnections may only be to end offices that serve telephone subscribers within the RCC Service Area of the carrier's system.

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  - D. Local terminating usage rates will apply based on the point of interconnection where the call is delivered to SWB.

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4.3 Type 2B Interconnection

Public Service Commission

- A. Calls completed via the Type 2B interconnection circuit(s) are terminated in or originated by directory numbers (DNs) served only by that specific SWB 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 MTSO and the SWB end office(s).
- B. SWB 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 terminating calls cannot be routed to services provided by Feature Group B (FGB), Feature Group C (FGC), or Feature Group D (FGD)
  Interexchange Carriers (ICs), International Carriers (INCs), or operator services, public response networks, Directory Assistance, or Type 2A or Type 2B interconnections of other carriers.
- 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 RCC utilizes a Type 2B as a standalone interconnection and uses the interconnection for originating traffic, the RCC has the option of using a dedicated NXX code.

St. Louis, Missouri

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Radio Common Carrier Interconnection Service Tariff Original Sheet 10

#### RADIO COMMON CARRIER INTERCONNECTION SERVICE

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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)

Public Service Commission

- 2. The designated end office is within the RCC Service Area of that carrier's system.
- C. Type 1, Type 2B and line-side interconnections may only be to end offices that serve telephone subscribers within the RCC Service Area of the carrier's system.
- D. Local terminating usage rates will apply based on the point of MAR 22 1992 interconnection where the call is delivered to SWB.

  BY LOCAL TERMINATION OF THE PROPERTY OF THE
- 4.3 Type 2B Interconnection

Public Service Commission

- A. Calls completed via the Type 2B interconnection circuit(s) are terminated in or originated by directory numbers (DNs) served only by that specific SWB 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 MTSO and the SWB end office(s).
- B. SWB 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 terminating calls cannot be routed to services provided by Feature Group B (FGB), Feature Group C (FGC), or Feature Group D (FGD) Interexchange Carriers (ICs), International Carriers (INCs), or operator services, public response networks, Directory Assistance, or Type 2A or Type 2B interconnections of other carriers.
- 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 RCC utilizes a Type 2B as a stand-alone interconnection and uses the interconnection for originating traffic, the RCC has the option of using a dedicated NXX code.

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Wireless Carrier Interconnection Service Tariff Original Sheet 10.01

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- (MT) 4. DESCRIPTION OF SERVICE-(Continued)
  - 4.4 Type 2B Interconnection
    - 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.
    - 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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By JAN NEWTON, President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri



(CT)Wireless Carrier Interconnection Service Tariff 1st Revised Sheet 11 Replacing Original Sheet 11

#### (CT)WIRELESS CARRIER INTERCONNECTION SERVICE

#### 4. DESCRIPTION OF SERVICE-(Continued)

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

- (MT) (CT) (CT) (CT)
- 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 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 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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Radio Common Carrier Interconnection Service Tariff Original Sheet 11

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#### RADIO COMMON CARRIER INTERCONNECTION SERVICE

NOV 28 1990

4. DESCRIPTION OF SERVICE-(Continued)

4.3 Type 2B Interconnection-(Continued)

MISSOURI
Public Service Commission

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.

#### 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 Tariff 3rd Revised Sheet 12 Replacing 2nd Revised Sheet 12

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- 5. FEATURES-(Continued)
  - 5.1 Optional Features-Nonchargeable-(Continued)
    - 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.

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Issued: February 16, 1995 Effective: March 18, 1995



(CT)Wireless Carrier Interconnection Service Tariff 2nd Revised Sheet 12 Replacing 1st Revised Sheet 12

(CT) WIRELESS CARRIER INTERCONNECTION SERVICE RECEIVED

FEATURES-(Continued)

MAY 27 1994

5.1 Optional Features-Nonchargeable-(Continued)

MISSOURI
Public Service Commission

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 space ED system and the carrier's premises (in either direction) by means of direct current pulses.

Ontional Features Characters

5.2 Optional Features-Chargeable

Testing Capabilities

Public Service Commission

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 (CT) 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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Effective: JUL 1 199 Public Service Commission

Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 12 Replacing Original Sheet 12

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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FEATURES-(Continued)

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5.1 Optional Features-Nonchargeable-(Continued)

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Public Service Commission

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.

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, millivatt (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

Issued: MAY 0 8 1992

The Telephone Company's charge for circuits and switching provided in the interconnection and interchange of traffic with RCCs or SMRs 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 Micrograficed, as found in Section 7 of the Access Services Tariff.

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ffective: JUN 0 8 1992

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By A. D. ROBERTSON, Assistant Vice President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Radio Common Carrier Interconnection Service Tariff Original Sheet 12

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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FEATURES-(Continued)

NOV 28 1990

5.1 Optional Features-Nonchargeable-(Continued)

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D. Dial Pulse Address Signaling

Public Service Commission

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.

5.2 Optional Features-Chargeable

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Testing Capabilities

Public Service Commission

This service is provided, in the terminating direction where however 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 RCCs is as follows:

- 6.1 Originating Connecting Circuits-Type 1 and Type 2A
- 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.
- 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.

Issued: NOV 2 7 1990 Effective:

DEC 0 1 1990

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Wireless Carrier Interconnection Service Tariff Original Sheet 12.01

#### WIRELESS CARRIER INTERCONNECTION SERVICE

#### 5. FEATURES-(Continued)

(MT) 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 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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CANCELLED - Missouri Public Service Commission - 12/29/2005 - IN 2006-0232 (LLX) (LL

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 13 Replacing 2nd Revised Sheet 13

#### (CT)WIRELESS CARRIER INTERCONNECTION SERVICE

- 6. RATE REGULATIONS-(Continued)
  - 6.1 Originating Connecting Circuits-Type 1 and Type 2A-(Continued)
- (AT) C. The charge, for a connecting circuit at speeds greater than 1.544 Mbps exclusively for the interexchange of one-way originating traffic shall be determined on an individual case basis.
  - 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.
  - 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. 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 percent of the charge specified in Paragraph 6.1.A or 6.1.B, preceding. No prorate will apply to connecting circuits with terminating traffic interchanged over two-way speeds greater than 1.544 Mbps. In addition, all circuits is subject to terminating usage charges as described in Paragraph 6.2, following.

- 6.2 Terminating Connecting Circuits-Type 1 and Type 2A
- 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.
  - To the extent that a Telephone Company office lacks the capability of measuring terminating usage for billing purposes, terminating usage charges shall be developed pursuant to Paragraph 6.2.D, following.

Issued: May 31, 1994 Effective: July 15, 1994

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Radio Common Carrier Interconnection Service Tariff 2nd Revised Sheet 13 Replacing 1st Revised Sheet 13

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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RATE REGULATIONS-(Continued)

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

- No charge, except charges as described in Paragraph 6.2, following, Sharmission be assessed for connecting circuits used evaluation. be assessed for connecting circuits used exclusively for the interchange of terminating traffic.
- Under Option 1, 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. It is assumed that 18 percent of the traffic interchanged between the Telephone Company and the RCC or SMR over two-way circuits is originating traffic. The charge for each two-way circuit will be 18 percent of the charge specified in Paragraph 6.1.A. or 6.1.B., preceding. In addition, all terminating traffic interchanged over two-way circuits is subject to terminating usage as described in Paragraph 6.2, following.

Under Option 2, the charges that shall apply on two-way connections are the same as those that apply on one-way terminating connections and can be found in Paragraph 7.1.2 of this tariff.

6.2 Terminating Connecting Circuits-Type 1 and Type 2A

Radio Common Carriers have the option of selecting one of two payments of the termination for the termination of RCC or SMR-originated traffic interchanged with the Telephone Company and destined to points on the intraLATA wireline exchange network shall be on a usage-sensitive basis.

Under Option 2, Telephone Company charges for facilities and services provided for Type 1 and Type 2A interconnection and interchange of traffic with RCCs or SMRs shall consist of: (1) charges for one-way or two-way connecting circuits and associated facility terminations that connect the RCC or SMR's MTSO to either a Telephone Company Access Tandem (in the case of a Type 2A) or a serving end office (in the case of a Type 1); and (2) traffic originating on the RCC or SMR's network and terminating on the Telephone Company's wireline exchange network will be billed on a usage-sensitive per minute of use basis.

To the extent that a Telephone Company office lacks the capability of measuring terminating usage for billing purposes, under either Option 1 or Option 2, terminating usage charges shall be calculated based on assumed minutes of usage pursuant to Paragraph 6.2.D., following.

Issued: MAY 0 8 1992

**Bffective:** JUN 0 8 1992

Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 13 Replacing Original Sheet 13

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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6. RATE REGULATIONS-(Continued)

APR 25 1991

- 6.1 Originating Connecting Circuits-Type 1 and Type 2A-(Continued) MISSOUR!
- (RT) C. 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.
- (AT) D. Under Option 1, 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. It is assumed that 18 percent of the traffic interchanged between the Telephone Company and the RCC over two-way circuits is originating traffic. The charge for each two-way circuit will will be 18 percent of the charge specified in Paragraph 6.1.A. or 6.1.B., preceding. In addition, all terminating traffic interchanged over two-way circuits is subject to terminating usage as described in Paragraph 6.2, following.
- (AT) Under Option 2, the charges that shall apply on two-way connections and can be same as those that apply on one-way terminating connections and can be found in Paragraph 7.1.2 of this tariff.

  BY 2 Respecting Connecting Circuits Type 1 and Type 24
  - 6.2 Terminating Connecting Circuits-Type 1 and Type 2A Public Service Commission
- (AT) A. Radio Common Carriers have the option of selecting one of two MATSCOLDANS
  (AT) offered under this tariff. Under Option 1, the Telephone Company charges for the termination of RCC-originated traffic interchanged with the Telephone Company and destined to points on the intraLATA wireline exchange network shall be on a usage-sensitive basis.
- Under Option 2, Telephone Company charges for facilities and services provided for Type 1 and Type 2A interconnection and interchange of traffic with RCCs shall consist of: (1) charges for one-way or two-way connecting circuits and associated facility terminations that connect the RCC's MTSO to either a Telephone Company Access Tandem (in the case of a Type 2A) or a serving end-office (in the case of a Type 1); and (2) traffic originating on the RCC's network and terminating on the Telephone Company's wireline exchange network will be billed on a usage-sensitive per minute of use (AT)
- To the extent that a Telephone Company office lacks the capability of

  (AT) measuring terminating usage for billing purposes, under either Option 1 or

  (AT) Option 2, terminating usage charges shall be calculated based on assumed minutes of usage pursuant to Paragraph 6.2.D., following.

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Effective: MAY 2 8 1991

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Radio Common Carrier Interconnection Service Tariff Original Sheet 13 RECEIVED

#### RADIO COMMON CARRIER INTERCONNECTION SERVICE

NOV 28 1990

- RATE REGULATIONS-(Continued)
  - MISSOUNT 6.1 Originating Connecting Circuits-Type 1 and Type 2A-(Continued) ervice Commission
    - No charge, except for terminating usage charges as described in Paragraph 6.2, following, shall be assessed for connecting circuits used exclusively for the interchange of terminating traffic.
    - 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. It is assumed that 18 percent of the traffic interchanged between the Telephone Company and the RCC over two-way circuits is originating traffic. The charge for each two-way circuits will will be 18 percent of the charge specified in Paragraph 6.1.A. or 6.1.B. preceding. In addition, all terminating traffic, interchanged over two-way circuits is subject to terminating usage as described in Paragraph 6.2, following.
  - 6.2 Terminating Connecting Circuits-Type 1 and Type 2A
  - Telephone Company charges for the termination of RCC-originated traffic interchanged with the Telephone Company and destined to points on the intraLATA wireline exchange network shall be on a usage-sensitive basis. To the extent that a Telephone Company office lacks the capability of measuring terminating usage for billing purposes, terminating usage charges shall be calculated based on assumed minutes of usage pursuant to Paragraph 6.2.D.
  - The terminating usage charges for RCC-originated traffic interchanged with the Telephone Company and destined to points within the local calling scope of the RCC's end office (Type 1) or the designated end office rate center (Type 2A) shall be as specified in Paragraph 7.1, following.
  - The terminating usage charges for RCC-originated traffic interchanged with the Telephone Company and destined to points outside the local calling scope of the RCC's end office (Type 1) or the designated end office rate center (Type 2A), shall be constructed by referencing the following rate elements and levels, at the premium rate levels from the Access Services Tariff: Section 3 - Carrier Common Line; Section 6 Local Transport and Local Switching (LS1). These rates will remain equivalent, through this rate reference, and will change as rates are effectuated in the Access Services Tariff.

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

DEC 1 1990 90-144 Public Service Commission (CT)

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Wireless Carrier Interconnection Service Tariff 4th Revised Sheet 14 Replacing 3rd Revised Sheet 14

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- 6. RATE REGULATIONS-(Continued)
  - 6.2 Terminating Connecting Circuits-Type 1 and Type 2A-(Continued)
    - B. The terminating usage charges for wireless carrier originating traffic 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.

Issued: February 16, 1995 Effective: March 18, 1995



(CT)Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 14 Replacing 2nd Revised Sheet 14

# (CT) WIRELESS CARRIER INTERCONNECTION SERVICE ECEIVED

RATE REGULATIONS-(Continued)

MAY 27 1994

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

(CT) B. The terminating usage charges for wireless carrier originating traffic 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.

(CT) 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 constructed by referencing the following rate elements and levels, at the premium rate levels from the Intrastate Access Services Tariff: Section 3 AND Common Line; Section 6 - Local Transport and Local Switching (LSI). These

rates will remain equivalent, through this rate reference, and will change as rates are effectuated in the Intrastate Access Services Tariff 181995

used for monthly billing purposes for the next quarter.

D. In the event the Telephone Company is unable to measure specific the service of terminating usage from the end office or tandem office where the service of provided, charges based on assumed minutes shall apply asphillows in 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

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 Paragraph 7.4 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 15 1994

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Effective: 1 1 1994

Radio Common Carrier Interconnection Service Tariff 2nd Revised Sheet 14 Replacing 1st Revised Sheet 14

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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6. RATE REGULATIONS-(Continued)

MAY - 6 1992

- 6.2 Terminating Connecting Circuits-Type 1 and Type 2A-(Continued) MISSOUR!
- (CT) B. The Option 1 terminating usage charges for RCC or SMR-originated traffic interchanged with the Telephone Company and destined to points within the local calling scope of the RCC or SMR's end office (Type 1) or the designated end office rate center (Type 2A) shall be as specified in Paragraph 7.1.1, following. Similarly, Option 2 terminating usage charges
- (CT) C. The terminating usage charges for RCC or SMR-originated traffic interchanged with the Telephone Company and destined to points outside the local calling scope of the RCC or SMR's end office (Type 1) or the designated end office rate center (Type 2A), shall be constructed by referencing the following rate elements and levels, at the premium rate levels from the Intrastate Access Services Tariff: Section 3 Carrier Common Line; Section 6 Local Transport and Local Switching (LS1). These rates will remain equivalent, through this rate reference, and will change as rates are effectuated in the Intrastate Access Services Tariff.

shall be as specified in Paragraph 7.1.2, following.

- D. In the event the Telephone Company is unable to measure specific terminating usage from the end office or tandem office where service is provided, charges based on assumed minutes shall apply as follows: (1) the Telephone Company and the RCC or SMR shall jointly develop the assumptions for use in calculating the monthly terminating usage which will be billed for the initial quarter of each RCC or SMR's operation; (2) based upon actual usage data provided by the RCC or SMR, 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 termination within the local calling scope begins when the Telephone Company's end office switch or tandem switch 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 of the carrier than the carrier or the called party of the carrier than the carrier or the called party of the carrier than the carrier or the called party of the carrier than the carrier or the called party of the carrier than the carrier or the called party of the carrier than the carrier or the called party of the carrier than the carrier or the called party of the carrier than the carrier or the called party of the carrier than the carrier or the called party of the carrier than the carrier or the called party of the carrier than the carrier or the called party of the carrier than the ca

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JUN 8 199

By A. D. ROBERTSON, Assistant Vice President-Missouri Division

Southwestern Bell Telephone Company

St. Louis, Missouri

Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 14 Replacing Original Sheet 14

#### RADIO COMMON CARRIER INTERCONNECTION SERVICE

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6. RATE REGULATIONS-(Continued)

APR 25 1991

- 6.2 Terminating Connecting Circuits-Type 1 and Type 2A-(Continued) MISSOURI
- (AT) B. The Option 1 terminating usage charges for RCC-originated traffic

  (MT) interchanged with the Telephone Company and destined to points within the local calling scope of the RCC's end-office (Type 1) or the designated end-office rate center (Type 2A) shall be as specified in Paragraph 7.1.1, following. Similarly, Option 2 terminating usage charges shall be as specified in Paragraph 7.1.2, following.
  - C. The terminating usage charges for RCC-originated traffic interchanged with the Telephone Company and destined to points outside the local calling scope of the RCC's end-office (Type 1) or the designated end-office rate center (Type 2A), shall be constructed by referencing the following rate elements and levels, at the premium rate levels from the Intrastate Access Service Tariff: Section 3 Carrier Common Line; Section 6 Local Transport and Local Switching (LS1). These rates will remain equivalent, through this rate reference, and will change as rates are effectuated in the Intrastate Access Service Tariff.
  - D. In the event the Telephone Company is unable to measure specific terminating usage from the end-office or tandem office where service is provided, charges based on assumed minutes shall apply as follows: (1) the Telephone Company and the RCC shall jointly develop the assumptions for use in calculating the monthly terminating usage which will be billed for the initial quarter of each RCC's operation; (2) based upon actual usage data provided by the RCC, 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 termination within the local calling scope begins when the Telephone Company's end-office switch or tandem switch 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. CANCELLED

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Public Service Commission MISSOURI

Issued: APR 2 6 1991

Effective: MAY 2 8 1991

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Radio Common Carrier Interconnection Service Tariff Original Sheet 14 RECEIVED

#### RADIO COMMON CARRIER INTERCONNECTION SERVICE

NOV 28 1990

RATE REGULATIONS-(Continued)

MISSOURI

- 6.2 Terminating Connecting Circuits-Type 1 and Type 2A-(Continued): Service Commission
  - D. In the event the Telephone Company is unable to measure specific terminating usage from the end office or tandem office where service is provided, charges based on assumed minutes shall apply as follows: (1) the Telephone Company and the RCC shall jointly develop the assumptions for use in calculating the monthly terminating usage which will be billed for the initial quarter of each RCC's operation; (2) based upon actual usage data provided by the RCC, 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 termination within the local calling scope begins when the Telephone Company's end office switch or tandem switch 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.
- 6.3 Nonrecurring Charges-Type 1 and Type 2A

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

6.4 Minimum Monthly Charges-Type 1 and Type 2A

For Type 1 or Type 2A service, the minimum monthly charge is equal to the rate specified in Paragraph 6.1.A. or 6.1.B., preceding.

> CANCELLED Public Service Commission

NOV 2 7 1990 Issued:

Effective: DEC 0 1 1990

**DEC 1** 1990

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Public Service Commission

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 14.01 Replacing 2nd Revised Sheet 14.01

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- 6. RATE REGULATIONS-(Continued)
  - 6.2 Terminating Connecting Circuits-Type 1 and Type 2A-(Continued)
    - 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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Wireless Carrier Interconnection Service Tariff 2nd Revised Sheet 14.01 Replacing 1st Revised Sheet 4.01

#### WIRELESS CARRIER INTERCONNECTION SERVICE

OCT 0 3 1995

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

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

> 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.
- (FC) 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.
  - 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 facilit terminations. Access related rate elements and rates are specified Section 7 of the Access Services Terminations.

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Issued:

OCT 0 3 1995
BY HORACE WILKINS, JR., President-Missouri

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St. Louis, Missouri

Wireless Carrier
Interconnection Service Tariff
1st Revised Sheet 14.01
Replacing Original Sheet 14.01

#### WIRELESS CARRIER INTERCONNECTION SERVICE

RATE REGULATIONS-(Continued)

FEB 16 1995

- 6.2 Terminating Connecting Circuits-Type 1 and Type 2A-(Continued)
- 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.
- (NR) 6.3 Common Channel Signaling/Signaling System Seven (CCS/SS7) Signaling Links
- CCS/SS7 signaling links, as defined in the Missouri Access Services (NR)

  Tariff, are also available to wireless carriers.
- (FC) 6.4 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.
- (FC) 6.5 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.
- (FC) 6.6 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 facility terminations are specified in Paragraph 7.3 of this Tariff.

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**FEB** 1 6 1995

Effective:

By HORACE WILKINS, JR., President-Missouri MAR 1 Southwestern Bell Telephone Company

St. Louis, Missouri

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Public Service Commission

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(CT)Wireless Carrier Interconnection Service Tariff Original Sheet 14.01

# (CT) WIRELESS CARRIER INTERCONNECTION SERVICE PECE VED

RATE REGULATIONS-(Continued)

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

Equal access connecting circuits are one-way terminating, fandem (AT) 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. Section 7 of the Access Service Tariff for the channel termination and channel mileage charges. No terminating usage charges are applied to equal

(AT) access connecting circuits.

(MT) 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., CANCELLED and 6.1.C, preceding.

6.4 Minimum Monthly Charges - Type 1, Type 2A

For Type 1 and Type 2A service, the minimum monthly charge 18 1995 rate specified in Paragraphs 6 1 A 11 To make the specified in Paragraphs 6 1 A 11 To mak (RT) rate specified in Paragraphs 6.1.A., 6.1.B., and 6.1.C., preceding ( .) (AT)

6.5 Type 2B Service

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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

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 facility terminations

are specified in Paragraph 7.3 of this Tariff.

on a usage-sensitive per minute of use basis.

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No supplement to this tariff will be issued except for the purpose of canceling this tariff. Wireless Carrier Interconnection Service Tariff 6th Revised Sheet 15 Replacing 5th Revised Sheet 15

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- 6. RATE REGULATIONS-(Continued)
  - 6.5 Type 2B Service-(Continued)
    - 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.
  - 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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Issued: Feb. 13, 1998 Effective: Mar. 15, 1998



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Wireless Carrier Interconnection Service Tariff 5th Revised Sheet 15 Replacing 4th Revised Sheet 15

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- RATE REGULATIONS-(Continued)
- 6.5 Type 2B Service-(Continued)

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- 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 Shille age Will. if applicable, and associated facility terminations. Access related rate elements and rates are specified in Section 7 of the Access Services Tariff.
- D. Telephone Company charges for the termination of wireless carrieroriginated 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.
- G. Type 2B trunks are available on a one-way terminating basis onlyCANCELLED (CT)
- (AT) In cases of multiple switch wire centers, interconnection to one switch (AT) will serve as interconnection to the entire wire center. MAR 1 5 1998
  - 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 AVCP 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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**Public Service Commission** 

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

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(CT) Wireless Carrier Interconnection Service Tariff 4th Revised Sheet 15 Replacing 3rd Revised Sheet 15

(CT) WIRELESS CARRIER INTERCONNECTION SERVICE

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RATE REGULATIONS-(Continued)

6.5 Type 2B Service-(Continued)

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The charge for a two-wire or four-wire connecting circuit shall be the mission 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 Type 2B facility terminations are specified in Paragraph 7.3 of this Tariff.

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Telephone Company charges for the termination of wireless carrieroriginated 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.

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- 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.
- 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.

The minimum monthly charge for Type 2B service is equal to the rate NOV 1 1 1905 specified in Paragraph 6.5.B. or 6.5.C., preceding.

(AT) 6.6 Area Wide Calling Plan Connecting Circuits BY 5#3.5.#15
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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 SWB1 landline originated calls to wireless carrier end users. Recording for non-distance sensitive minute of use charge begins when the Telephone

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Radio Common Carrier Interconnection Service Tariff 3rd Revised Sheet 15 Replacing 2nd Revised Sheet 15

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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RATE REGULATIONS-(Continued)

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- 6.3 Nonrecurring Charges-Type 1, Type 2A and DACC Operator Services Circuits The nonrecurring charges for all one-way and two-way connecting charges for all one-way and two-way connecting the confidence of the control shall be the same as specified for originating circuits in ParagraphsCELLED 6.1.A. and 6.1.B., preceding.
- 6.4 Minimum Monthly Charges-Type 1 and Type 2A

JUL 151994 For Type 1 or Type 2A service, under Option 1 only, the minimum monthly R 5#15 charge is equal to the rate specified in Paragraph 6.1 charge is equal to the rate specified in Paragraph 6.1.A. or GY. H. preceding. Minimum monthly charges do not apply to Option public Service Commission

6.5 Type 2B Service

- Telephone Company charges for facilities and services provided for Type 2B (CT) interconnection and interchange of traffic with RCCs or SMRs shall consist of: (1) flat rate charges for one-way or two-way connecting circuits and associated facility terminations that connect the RCC or SMR's MTSO to (CT) the Telephone Company's serving end office(s); and (2) traffic originating on the RCC or SMR's network and terminating on the Telephone Company's (CT) intraLATA wireline exchange network will be billed on a usage-sensitive per minute of use basis.
  - 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 the Access Services Tariff.
  - 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 the Access Services Tariff. Rates for Type 2B facility terminations are specified in Paragraph 7.2, following.
  - Telephone Company charges for the termination of RCC or SMR-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. FILED

Issued: MAY 0 8 1992 Effective:

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Radio Common Carrier Interconnection Service Tariff 2nd Revised Sheet 15 Replacing 1st Revised Sheet 15

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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RATE REGULATIONS-(Continued)

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AT) 6.3 Nonrecurring Charges-Type 1, Type 2A and DACC Operator Services CircultsOUR Public Service Commission The nonrecurring charges for all one-way and two-way connecting circuits shall be the same as specified for originating circuits in Paragraphs

6.1.A. and 6.1.B., preceding.

6.4 Minimum Monthly Charges-Type 1 and Type 2A

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For Type 1 or Type 2A service, under Option 1 only, the minimum monthly charge is equal to the rate specified in Paragraph 6.1.A. or 6.1.BUN 8 1992 preceding. Minimum monthly charges do not apply to Option 2.

6.5 Type 2B Service

**Public Service Commission** 

- A. Telephone Company charges for facilities and services provided for Type 2B interconnection and interchange of traffic with RCCs shall consist of: (1) flat rate charges for one-way or two-way connecting circuits and associated facility terminations that connect the RCC's MTSO to the Telephone Company's serving end office(s); and (2) traffic originating on the RCC's network and terminating on the Telephone Company's intraLATA wireline exchange network will be billed on a usage-sensitive per minute of use
- 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 the Access Services Tariff.
- 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 the Access Services Tariff. Rates for Type 2B facility terminations are specified in Paragraph 7.2, following.
- Telephone Company charges for the termination of RCC-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.

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RADIO COMMON CARRIER INTERCONNECTION SERVICE

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RATE REGULATIONS-(Continued)

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(MT) 6.3 Nonrecurring Charges-Type 1 and Type 2A

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

(MT) 6.4 Minimum Monthly Charges-Type 1 and Type 2A

For Type 1 or Type 2A service, under Option 1 only, the minimum monthly charge is equal to the rate specified in Parameter ( charge is equal to the rate specified in Paragraph 6.1.A. or 6 MAR. 22 1992 preceding. Minimum monthly charges do not apply to Option 2.

6.5 Type 2B Service

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- Telephone Company charges for facilities and services provided Torstope 28 interconnection and interchange of traffic with RCCs shall consist of: (1) flat rate charges for one-way or two-way connecting circuits and associated facility terminations that connect the RCC's MTSO to the Telephone Company's serving end-office(s); and (2) traffic originating on the RCC'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 (C) and, if applicable, Channel Mileage, multiplexing and associated facility terminations. Access related rate elements and rates are specified in the Access Services Tariff.
  - 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 the Access Services Tariff. Rates for Type 2B facility terminations are specified in Paragraph 7.2, following.
  - Telephone Company charges for the termination of RCC-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.

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#### RADIO COMMON CARRIER INTERCONNECTION SERVICE

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RATE REGULATIONS-(Continued)

6.5 Type 2B Service

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- A. Telephone Company charges for facilities and services provided for Type 2B interconnection and interchange of traffic with RCCs shall consist of (1) flat-rate charges for one-way or two-way connecting circuits and associated facility terminations that connect the RCC's MTSO to the Telephone Company's serving end office(s) and (2) traffic originating on the RCC'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 the Access Services Tariff.
- 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 the Access Services Tariff. Rates for Type 2B facility terminations are specified in Paragraph 7.2, following.
- D. Telephone Company charges for the termination of RCC-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 usagesensitive 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.
- The terminating usage charges for RCC-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.

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By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

DEC 1 1990 Public Service Commission

Issued: Oct. 30, 1996

Wireless Carrier Interconnection Service Tariff 5th Revised Sheet 16 Replacing 4th Revised Sheet 16

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- 6. RATE REGULATIONS-(Continued)
  - 6.6 Area Wide Calling Plan Connecting Circuits-(Continued)
    - A. AWCP Option 1-(Continued)

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.

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.).

Effective: Nov. 29, 1996

By KAREN JENNINGS, President-Missouri

Southwestern Bell Telephone Company St. Louis, Missouri



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Wireless Carrier Interconnection Service Tariff 4th Revised Sheet 16 Replacing 3rd Revised Sheet 16

WIRELESS CARRIER INTERCONNECTION SERVICE

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- 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.F. of this Tariff.

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 grace 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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(CT)Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 16 Replacing 2nd Revised Sheet 16

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RATE REGULATIONS-(Continued)

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6.6 Area Wide Calling Plan Connecting Circuits-(Continued) Public Service Commission (AT)

A. AWCP Option 1-(Continued)

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.F. of this Tariff.

The Minimum Monthly Usage Charges (MMUC) associated with AVCP 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 \$565 per DS1 circuit, \$105 per four-wire voice grade circuit and \$70 per two-wire voice grade 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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CANCELLED

JUL 1 5 1994

NOV 11 1905 BY 4 # B.S. # 16 Public Service Commission

MISSOURI Public Service Commission

Issued: MAY 3 1 1994 Effective

Radio Common Carrier Interconnection Service Tariff 2nd Revised Sheet 16 Replacing 1st Revised Sheet 16

RADIO COMMON CARRIER INTERCONNECTION SERVICE

RECEIVED

6. RATE REGULATIONS-(Continued)

MAY - 6 1992

6.5 Type 2B Service-(Continued)

MISSOURI

- (CT) E. The terminating usage charges for RCC or SMR-originated traffic Service Commission 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.
  - G. The minimum monthly charge for Type 2B service is equal to the rateANCELLED specified in Paragraph 6.5.B. or 6.5.C., preceding.
  - 7. RATES AND CHARGES
  - 7.1 Terminating Usage Rates

7.1.1 Option 1

JUL 151994 BY 3 MR.S #16

Public Service Commission

Per Minute of Use

MISSOURI

A.	Type 1	Within The Local Calling Scope	Outside The Local Calling Scope
	0 - 1 miles	\$0.02	(1)
	<b>Over 1 - 25 miles</b>	0.025	(1)
	Over 25 - 50 miles	0.03	(1)
	Over 50 miles	0.04	(1)
В.	Type 2A		
	0 - 1 miles	\$0.016	(1)
	Over 1 - 25 miles	0.018	(1)
	Over 25 - 50 miles	0.02	(1)
	Over 50 miles	0.025	(1)
c.	Type 2B	\$0.01	(1)

(1) Based on rate equivalence with Access Service elements as specified in Paragraph 6.2.C., preceding.

Issued: MAY 0 8 1992

**Bffective:** 

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JUN 8 1992

Radio Common Carrier
Interconnection Service Tariff
1st Revised Sheet 16
Replacing Original Sheet 16

RADIO COMMON CARRIER INTERCONNECTION SERVICE

6. RATE REGULATIONS-(Continued)

APR 25 1991

6.5 Type 2B Service-(Continued)

MISSOURI
Public Service Commission

E. The terminating usage charges for RCC-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.

- (C) 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.
  - G. The minimum monthly charge for Type 2B service is equal to the rate specified in Paragraph 6.5.B. or 6.5.C., preceding.
  - 7. RATES AND CHARGES

CANCELLED

7.1 Terminating Usage Rates

JUN 8 1992

(AT) 7.1.1 Option 1

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Public Service Commission

Per Minute of Use

MISSOURI

(RT)	Α.	Type 1	Within The Local Calling Scope	Outside The Local Calling Scope
		O - 1 miles	\$0.02	(1)
		<b>Over 1 - 25 miles</b>	0.025	(1)
		Over 25 - 50 miles	0.03	(1)
1		Over 50 miles	0.04	(1)
	В.	Type 2A		
		0 - 1 miles	\$0.016	(1)
		Over 1 - 25 miles	0.018	(1)
		<b>Over 25 - 50 miles</b>	0.02	(1)
- }		Over 50 miles	0.025	(1)
(RT)	c.	Type 2B	\$0.01	(1)

(1) Based on rate equivalence with Access Service elements as specified in Paragraph 6.2.C., preceding.

Issued: APR 2 6 1991

Effective: MAY 2 8 1991

MAY 28 1991

Radio Common Carrier Interconnection Service Tariff Original Sheet 16

RADIO COMMON CARRIER INTERCONNECTION SERVICE

RECEIVED

RATE REGULATIONS-(Continued)

NOV 28 1990

6.5 Type 2B Service-(Continued)

MISSOURI

- Local Terminating Usage measurement on carrier terminating traffic delivered to the Type 28 and office besides 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.
- G. The minimum monthly charge for Type 2B service is equal to the rate specified in Paragraph 6.5.B. or 6.5.C., preceding.
- 7. RATES AND CHARGES

CANCELLED MAY 28 1991

7.1 Terminating Usage Rates

Per Minute of Use BY SARS # 16

Publicutation Commission
Local Calling Within The Local Calling Scope Type 1 Combined Usage Facility Rate Rate Rate (2) 0 - 1 miles \$0.0172 \$0.0028 \$0.02 (1)Over 1 - 25 miles 0.0222 0.0028 0.025 (1)0.0272 Over 25 - 50 miles 0.0028 0.03 (1) Over 50 miles 0.0372 0.0028 0.04 (1) Type 2A 0 - 1 miles \$0.014 \$0.002 \$0.016 (1)Over 1 - 25 miles 0.016 0.002 0.018 (1) Over 25 - 50 miles 0.018 0.002 0.02 (1) Over 50 miles 0.023 0.002 0.025 (1)

(1) Based on rate equivalence with Access Service elements as specified in Paragraph 6.2.C., preceding.

N/A

\$0.01

Until Southwestern Bell Telephone Company can modify this tariff, the "Combined Rate" will apply.

Issued: MOV 2 7 1990

Type 2B

Effective:

\$0.01

DEC 0 1 1990

FILED

(1)

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

DEC 1 1990 90-144 Public Service Commission

Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 16.01 Replacing 2nd Revised Sheet 16.01

# WIRELESS CARRIER INTERCONNECTION SERVICE

- 6. RATE REGULATIONS-(Continued)
  - 6.6 Area Wide Calling Plans Connecting Circuits-(Continued)
    - 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 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)
  - 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 1trunk. However, on a Type 2A trunk, CCS/SS7 can be provided on either one-way originating, one-way terminating or two-way facilities.
  - 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.

(RT)

(CT)

(CT)

(RT)

Issued: Oct. 20, 1997 Effective: Nov. 26, 1997



Wireless Carrier Interconnection Service Tariff 2nd Revised Sheet 16.01 Replacing 1st Revised Sheet 16.01

WIRELESS CARRIER INTERCONNECTION SERVICE

The charges for originating calls under Option 2 of the AWCP are on a per

RATE REGULATIONS-(Continued)

6.6 Area Wide Calling Plans Connecting Circuits-(Continued)

FEB 16 1995

В. AWCP Option 2

MO. PUBLIC SERVICE COMM.

minute of use basis and only applied to interexchange calls initiated by (RT) SWBT end user customers. The charges that will be billed to the wireless carrier include Local Switching, Local Transport, and Originating Carrier (CT) 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 adding, deleting or changing AWCP telephone numbers, etc.). NOV  $26\,1997$ 

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

- Type 2A Interconnection Service using Common Channel Signation System Seven (CCS/SS7) allows a wireless carrier with a Type 2A Interconnection to use the SS7 protocol and CCS to the SS7 protocol and Type 2A interconnecting trunk group.
- 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.
- 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.
- The only charges associated with this service are nonrecurring in nature to convert existing Type 2A circuits to CCS/SS7 signaling. New Type 2A circuits installed with CCS/SS7 signaling will not incur the nonrecurring charge.

(AT)

Issued:

FEB 16 1995

Effective: MAR 1 8 1995

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

MAR 1 8 1995

(CT)Wireless Carrier Interconnection Service Tariff 1st Revised Sheet 16.01 Replacing Original Sheet 16.01

## (CT) WIRELESS CARRIER INTERCONNECTION SERVICE

RATE REGULATIONS-(Continued)

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(AT) 6.6 Area Wide Calling Plans Connecting Circuits-(Continued)

MAY 27 1994

MISSOURI

B. AWCP Option 2

Public Service Commission
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 as found in Section 3, Paragraph 3.8. of the Access
Services Tariff. The charges that will be billed to the wireless carrier
include Local Switching, Local Transport, and Originating Carrier Common
Line charges as found in Section 6, Paragraph 6.1. of the Access Services
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

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 AVCP-Option 2 circuits.

not be charged when generating calls to an AWCP NXX.

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.).

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CANCELLED

MAR 18 1995

BY R.S.

Public Service Commission

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FILED

JUL 1 5 1994

MISSOURI Public Service Commission

Issued: MAY 8 1 1994

Effective JUL 1 5 1994

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

Radio Common Carrier Interconnection Service Tariff Original Sheet 16.01

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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7. RATES AND CHARGES-(Continued)

APR 25 1991

7.1 Terminating Usage Rates-(Continued)

MISSOURI

7.1.2 - Option 2 (NR)

Public Service Commission

A. Type 1		Per Mi: of Us		Facility Rate
		Within the Local Calling Scope	Outside the Local Calling Scope	
	0 - 1 mile Over 1 - 25 miles Over 25 - 30 miles Over 50 miles	\$0.0172 0.0222 0.0272 0.0372	(1) (1) (1) (1)	(2) (2) (2) (2)
В.	Type 2A  0 - 1 mile  0ver 1 - 25 miles  0ver 25 - 50 miles	\$0.014 0.016 0.018	(1) (1) (1)	(2) (2) (2)
	Over 50 miles	0.023	(1)	(2)

**CANCELLED** 

JUL 151994

Public Service Commission MISSOURI

(1) Based on rate equivalence with Access Service elements as specified in Paragraph 6.2.C, preceding

(2) Based on rate equivalence with Access Service elements as specified in Paragraph 6.1.A and 6.1.B, preceding.

Issued: APR 2 6 1991

Effective: MAY 2 8 1991 FILED

Wireless Carrier Interconnection Service Tariff 5th Revised Sheet 16.02 Replacing 4th Revised Sheet 16.02

Within The

#### WIRELESS CARRIER INTERCONNECTION SERVICE

- 6. RATE REGULATIONS-(Continued)
  - 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).



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

A. Type 1	Local Calling Scope
0 - 1 miles	\$0.02
Over 1 - 25 miles	0.025
Over 25 - 50 miles	0.03
Over 50 miles	0.04
B. Type 2A 0 - 1 miles Over 1 - 25 miles Over 25 - 50 miles Over 50 miles	\$0.016 0.018 0.02 0.025

Issued: November 12, 1998 Effective: December 12, 1998



Wireless Carrier Interconnection Service Tariff 4th Revised Sheet 16.02 Replacing 3rd Revised Sheet 16.02

RECEIVED

# WIRELESS CARRIER INTERCONNECTION SERVICE

6. RATE REGULATIONS-(Continued)

JAN 07 1998

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

MISSOURI

- 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).
- 6.8 Voice Activated Dialing (VAD)

Charges for VAD service will be on a per directory basis. Directories may either be a dedicated, stand alone directory associated with wireless carrier end user's VAD service or shared with the wireless carrier's end user's SWBT land line VAD directory. In order to obtain VAD, the wireless carrier must establish a facility between the wireless carrier's MSC and the Telephone Company's VAD system. This facility may be purchased at rates and charges detailed in Section 7 of the Missouri Intrastate Access Tariff.

(AT) 6.9 Terminating Traffic to Other Telecommunications Carriers

> SWBT's charges for transporting a wireless carrier's calls to another telecommunications carrier's network 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 Carrier's network unless the wireless carrier has entered into an agreement to directly compensate that carrier for the termination of such traffic. The wireless carrier 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

CANCELLED

	within the	
A. Type 1	Local Calling Scope	DEC 1 2 1998
0 - 1 miles	\$0.02	5:10 PS#110 D2
Over 1 - 25 miles	0.025	Public Service Commission
Over 25 - 50 miles	0.03	Public Service Commission MISSOURI
Over 50 miles	0.04	MISSOURI
B. Type 2A	<b>#0.01</b> 6	FILED
0 - 1 miles Over 1 - 25 miles	\$0.016 0.018	
		WWW
Over 25 - 50 miles	0.02	FEB <b>06</b> 1998
Over 50 miles	0.025	Public SMISSOURI
		MISSOURI
		Public Service Commissio

Within The

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Issued:

JAN 07 1998

Effective:

FEB 0 6 1998

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Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 16.02 Replacing 2nd Revised Sheet 16.02

# WIRELESS CARRIER INTERCONNECTION SERVICE RECEIVED

# 6. RATE REGULATIONS-(Continued)

OCT 2 0 1997

- 6.7 Common Channel Signaling/Signaling System Seven-(Continued)
- MO. PUBLIC SERVICE COMM
- 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).
- 6.8 Voice Activated Dialing (VAD)

Charges for VAD service will be on a per directory basis. Directories may either be a dedicated, stand alone directory associated with wireless carrier end user's VAD service or shared with the wireless carrier's end user's SWBT land line VAD directory. In order to obtain VAD, the wireless carrier must establish a facility between the wireless carrier's MSC and the Telephone Company's VAD system. This facility may be purchased at rates and charges detailed in Section 7 of the Missouri Intrastate Access Tariff.

Within The

## 7. RATES AND CHARGES

7.1 Terminating Usage Rates

		Within The	
A.	Type 1	Local Calling Scope	
	0 - 1 miles	\$0.02	
	Over 1 - 25 miles	0.025	
	Over 25 - 50 miles	0.03	
	Over 50 miles	0.04	
B.	Type 2A		CANCELLED
	0 - 1 miles	\$0.016	CANCELLLD
	Over 1 - 25 miles	0.018	
	Over 25 - 50 miles	0.02	##D 0.0 1000
	Over 50 miles	0.025	FEB 06 1998
C.	Type 2B	\$0.01	Public Service Commission MISSOURI
		Outside the	
D.	Type 1 & Type 2A	Local Calling Scope	
	Local Switching	.008480	FILED
	Carrier Common Line(Originating)	.0100	NOV 20 1997
	Carrier Common Line(Terminating)	.018133	MISSOURI Public Segice Commission
Issued:	OCT 2 0 1997	Effective	: NOV

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

Wireless Carrier Interconnection Service Tariff 2nd Revised Sheet 16.02 Replacing 1st Revised Sheet 16

# WIRELESS CARRIER INTERCONNECTION SERVICE

RATE REGULATIONS-(Continued)

NOV 2 7 199**5** 

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

Public Service Common Channel Signaling/Signaling System Seven (CCS/SS7) signaling links, mission 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).

(AT) 6.8 Voice Activated Dialing (VAD)

Charges for VAD service will be on a per directory basis. Directories may either be a dedicated, stand alone directory associated with wireless carrier end user's VAD service or shared with the wireless carrier's end user's SWBT land line VAD directory. In order to obtain VAD, the wireless carrier must establish a facility between the wireless carrier's MSC and the Telephone Company's VAD system. This facility may be purchased at rates and charges detailed in Section 7 of the Missouri Intrastate Access Tariff.

# RATES AND CHARGES

7.1 Terminating Usage Rates

A. Type 1  0 - 1 miles
Over 1 - 25 miles       0.025         Over 25 - 50 miles       0.03         Over 50 miles       0.04         B. Type 2A       0 - 1 miles         Over 1 - 25 miles       0.018         Over 25 - 50 miles       0.02         Over 50 miles       0.025         Public Service Commission         MISSOURI         Outside the
Over 50 miles  0.04  B. Type 2A  0 - 1 miles
Over 50 miles  0.04  B. Type 2A  0 - 1 miles
B. Type 2A  O - 1 miles \$0.016  Over 1 - 25 miles 0.018  Over 25 - 50 miles 0.02  Over 50 miles 0.025  C. Type 2B \$0.01  Outside the
C. Type 2B \$0.01 Outside the
C. Type 2B \$0.01 Outside the
C. Type 2B \$0.01 Outside the
C. Type 2B \$0.01 Outside the
C. Type 2B \$0.01 Outside the
Outside the
D. Type 1 & Type 2A Local Calling Scope
Local Switching .008480
Carrier Common Line(Originating) .0100 FILED
Carrier Common Line(Terminating) .018133
MAR 6 1996

(MT)

(AT)

Issued: NOV 27 1995

Wireless Carrier Interconnection Service Tariff 1st Revised Sheet 16.02 Replacing Original Sheet 16.02

## WIRELESS CARRIER INTERCONNECTION SERVICE

(AT) 6. RATE REGULATIONS-(Continued)

FEB 16 1995

6.7 Common Channel Signaling/Signaling System Seven-(Continued) MO.PUBLIC SERVICE COMM

E. 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).

Within The

# 7. RATES AND CHARGES

# 7.1 Terminating Usage Rates

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(AT)

		Thomas 1	1 0-113		
	Α.	$\frac{\text{Type } 1}{0} - 1 \text{ miles} $	cal Calli \$0.02		
		Over 1 - 25 miles	0.02		CANCELLED
		Over 25 - 50 miles	0.03		O/HIOEE
		Over 50 miles	0.04		
	В.	Type 2A  0 - 1 miles  Over 1 - 25 miles  Over 25 - 50 miles  Over 50 miles	\$0.01 0.01 0.02 0.02	8	MAR 6 1995  BY AND R. CHILL.O  Public Service Commission  MISSOURI
(RT)	Ç.	Type 2B	\$0.01		
(FC)	D.	Type 1 & Type 2A  Local Switching  Carrier Common Line(Originat  Carrier Common Line(Terminat  Local Transport	Local C	tside the alling Scope .008480 .0100 .018133	
(FC)		0 - 1 mile 1 - 25 miles 25 - 50 miles Over 50 miles		.0050 .0077 .0162 .0274	FILED MAR 1 8 1995

Issued:

(RT)

FEB 1 6 1995

Effective Public Service Commission

By HORACE WILKINS, JR., President-Missouri MAR 18 1995 Southwestern Bell Telephone Company St. Louis, Missouri

(CT)Wireless Carrier Interconnection Service Tariff Original Sheet 16.02

## (CT) WIRELESS CARRIER INTERCONNECTION SERVICE

RATES AND CHARGES

RECEIVED

7.1 Terminating Usage Rates

MAY 27 1994

(RT)

MISSOURI Per Minute Subje Service Commission

Α.	Type 1	Within The Local Calling Scope	Outside The Local Calling Scope
	0 - 1 miles Over 1 - 25 miles Over 25 - 50 miles Over 50 miles	\$0.02 0.025 0.03 0.04	(1) (1) (1) (1)
В.	Type 2A		` '
	0 - 1 miles Over 1 - 25 miles Over 25 - 50 miles Over 50 miles	\$0.016 0.018 0.02 0.025	(1) (1) (1) (1)
c.	Type 2B	\$0.01	(1)

CANCELLED

MAR 181995

Public Service Commission

MISSOURI

JUL 1 5 1994

MISSOURI (1) Based on rate equivalence with Access Service elements apublic Service Commission Paragraph 6.2.C., preceding. JUL 15 1994

Issued:

Effective 100

MAY 3 1 1994

Wireless Carrier Interconnection Service Tariff 4th Revised Sheet 16.03 Replacing 3rd Revised Sheet 16.03

# WIRELESS CARRIER INTERCONNECTION SERVICE

## 7. RATES AND CHARGES-(Continued)

7.1 Terminating Usage Rates-(Continued)

C. Type 2B	\$0.01
	Outside the
D. Type 1 & Type 2A	Local Calling Scope
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.

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

Issued: Feb. 13, 1998 Effective: Mar. 15, 1998



Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 16.03 Replacing 2nd Revised Sheet 16.03

WIRELESS CARRIER INTERCONNECTION SERVICE

RECEIVED

7. RATES AND CHARGES-(Continued)	7.	RATES	AND	CHARGES-	(Continued)
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7.1 Terminating Usage Rates-(Continued)

JAN 07 1998

(MT) C. Type 2B

(MT)

\$0.01

MISSOURI Public Service Commission

D. Type 1 & Type 2A	Outside the Local Calling Scope
Local Switching	.008480
Carrier Common Line(Originating)	.0100
Carrier Common Line(Terminating)	.018133
Local Transport	

Local Transport

0 - 1 mile .0050 1 - 25 miles .0077 25 - 50 miles .0162 Over 50 miles .0274 CANCELLED

MAR 1 5 1998

7.2 Area Wide Calling Plan Usage Rates - Per Minute of Use

Public Service Commission MISSOURI

A. Option 1

Per Message

Per Minute

\$.005

\$.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.

(MT)

FEB 06 19982 4

Public Service Commission

Issued:

JAN 07 1998

Effective:

FEB 0 6 1998

Wireless Carrier
Interconnection Service Tariff
2nd Revised Sheet 16.03
Replacing 1st Revised Sheet 16.03

#### WIRELESS CARRIER INTERCONNECTION SERVICE

RECEIVED

RATES AND CHARGES-(Continued)

(AT) 7.1 Terminating Usage Rates-(Continued)

NOV 27 1995

(MT) D.	D.	Type 1 & Type 2A	Outside the Local Calling Scope	MISSOURI Public Service Commission		
		Local Transport				
(MT)		0 - 1 mile 1 - 25 miles 25 - 50 miles Over 50 miles	.0050 .0077 .0162 .0274			

7.2 Area Wide Calling Plan Usage Rates - Per Minute of Use

A. Option 1

Per Message	Per Minute
\$.005	\$.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.

7.3 Directory Assistance Service

A. Directory Assistance, per call

\$0.2975

B. Directory Transport

# CANCELLED

Call Miles	. *	Rate per Call	
0 to 1 Over 1 to 25 Over 25 to 50 Over 50	FEB 06 1998  By 30 25 16.03  Public Service Commission MISSOURI	\$0.0028 0.0060 0.0222 0.0351	FILED

Issued: NOV 2 7 1995

Effective: 1996

6 1996

Wireless Carrier Interconnection Service Tariff 1st Revised Sheet 16.03 Replacing Original Sheet 16.03

## WIRELESS CARRIER INTERCONNECTION SERVICE

RATES AND CHARGES-(Continued)

FEB 16 1995

7.2 Area Wide Calling Plan Usage Rates - Per Minute of Use

Option 1

MO. PUBLIC SERVICE COMM.

Per Message

Per Minute

\$.005

\$.015

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.

(FC) 7.3 Directory Assistance Service

Directory Assistance, per call

\$0.2975

Directory Transport

Call Miles 0 to 1 Over 1 to 25 Over 25 to 50 **Over** 50

CANCELLED

\$0.0028 0.0060 0.0222 0.0351

Rate per Call

MAR 181995

Issued:

(FC)

FEB 1 6 1995

MISSOURI

esion

By HORACE WILKINS, JR., President-Missouri MAR 18 1995 Southwestern Bell Telephone Company St. Louis, Missouri

(CT) Wireless Carrier Interconnection Service Tariff Original Sheet 16.03

## (CT) WIRELESS CARRIER INTERCONNECTION SERVICE

RATES AND CHARGES-(Continued)

RECEIVED

7.2 Area Wide Calling Plan Usage Rates - Per Minute of Use

MAY 27 1994

A. Option 1

Per Message

MISSOURI Pupile Service Commission

\$.005

\$.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 AVCP-Option 2 traffic. These charges will be the same charges as specified in Paragraph 6.1 of this Tariff.

CANCELLED

MAR 18 1995

BY Lat R. S. 16.03

Public Service Commission

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JUL 1 5 1994

MISSOURI Public Service Commission

Issued: MAY 3 1 1994

JUL 1 5 1994 Effective:

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

Wireless Carrier Interconnection Service Tariff 4th Revised Sheet 17 Replacing 3rd Revised Sheet 17

## WIRELESS CARRIER INTERCONNECTION SERVICE

# 7. RATES AND CHARGES-(Continued)

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

			1/1011/11	Rate	11011110011111118	Charge
(AT)	C.	One-Way Terminating 1. 2-Wire 2. 4-Wire	(NR)	\$10.90 \$43.20	(NR)	\$8.50 \$8.50
	D.	Two-Way				
(AT)	2.	1. 2-Wire 4-Wire	(NR)	\$43.30 \$43.30	(NR)	\$8.50 \$8.50

Monthly

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

A. Option 1

Per Message \$.005 Per Minute \$.015

Nonrecurring

# 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.

(MT)

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Issued: Feb. 13, 1998 Effective: Mar. 15, 1998



Wireless Carrier
Interconnection Service Tariff
3rd Revised Sheet 17
Replacing 2nd Revised Sheet 17

# WIRELESS CARRIER INTERCONNECTION SERVICE

RECEIVED

(MT) 7.3 Directory Assistance Service

A. Directory Assistance, per call

\$0.2975

JAN 07 1998

B. Directory Transport

(MT)

MISSOURI Public Service Commission

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

**CANCELLED** 

MAR 1 5 1998

Public Service Commission

FILED

FEB 06 1998 9 7 - 5 2 4 Public Service Commission

Issued:

JAN 07 1998

Effective:

FEB 0 6 1998

Wireless Carrier Interconnection Service Tariff 2nd Revised Sheet 17 Replacing 1st Revised Sheet 17

WIRELESS CARRIER INTERCONNECTION SERVICE

(RT)

OCT 0 3 1995

MO. PUBLIC SERVICE COMM.

**CANCELLED** 

**Public Service Commission** MISSOURI

NOV 1 1 1995

MISSOURI Public Service Commission

Issued:

(RT)

OCT 03 1995

Effective:

WOV 02 1993

NOV 1 1 1995 By HORACE WILKINS, JR., President-Missouri Southwestern Bell Telephone Company St. Louis, Missouri

(CT)Wireless Carrier Interconnection Service Tariff 1st Revised Sheet 17 Replacing Original Sheet 17

(CT) WIRELESS CARRIER INTERCONNECTION SERVICE

RECEIVED

RATES AND CHARGES-(Continued)

MAY 27 1994

(FC) 7.3 Facility Terminations-Type 2B Service

MISSOURI Public Service Commission

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.

(RT)			Monthly Rate	Nonrecurring Charge
	Α.	1.544 Mbps Facility Termination	\$68.55	\$8.50
	В.	One-Way Originating		
		1. 2-Wire 2. 4-Wire	\$11.20 \$43.20	\$8.50 \$8.50
)	C.	One-Way Terminating		
		1. 2-Wire 2. 4-Wire	\$10.90 \$43.20	\$8.50 \$8.50
	D.	Two-Way		
		1. 2-Wire 2. 4-Wire	\$43.30 \$43.30	\$8.50 \$8.50

CANCELED

BY 3 THE Service Commission MISSOURI

FILED

JUL 1 5 1994

MISSOURI Public Service Commission JUL 1 5 1994 \_\_ \_ \_

Issued: MAY 3 1 1994

Effective 100

Radio Common Carrier Interconnection Service Tariff Original Sheet 17

RADIO COMMON CARRIER INTERCONNECTION SERVICE

NOV 28 1990

RATES AND CHARGES-(Continued)

MISSOURI

Public Service Commission

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.

		usoc	Monthly Rate	Nonrecurring Charge
Α.	1.544 Facility Termination		\$68.55	\$8.50
В.	One-Way Originating			
	1. 2-wire 2. 4-wire		\$11.20 \$43.20	\$8.50 \$8.50
c.	One-Way Terminating			
	1. 2-wire 2. 4-wire		\$10.90 \$43.20	\$8.50 \$8.50
D.	Two-Way			
	1. 2-wire 2. 4-wire		\$43.30 \$43.30	\$8.50 \$8.50

CANCELLED

JUL 151394

Public Service Commission

MISSOURI

NOV 2 7 1990 Issued:

Effective:

DEC 0 1 1990

FILED

Wireless Carrier Interconnection Service Tariff 5th Revised Sheet 18 Replacing 4th Revised Sheet 18

## WIRELESS CARRIER INTERCONNECTION SERVICE

- 7. RATES AND CHARGES-(Continued)
- 7.4 Directory Assistance Service
- A. Directory Assistance, per call \$0.2975
- B. Directory Transport

<u>Call Miles</u>	Rate per Call
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.

	Nonrecurrin	g		
<u>USOC</u>	<u>Charge</u>	<u>USOC</u>	<u>S&amp;E</u>	
Per NXX (New or Change)	(NRBC8)	\$ 3,950.00	(NRBC9)	\$8.50
I GI INAA (INGW OI CHAIIGE)	(TAINDCO)	ψ J,JJU.UU	(INDC2)	φο.50

(RT)

(RT)

(RT)

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Issued: November 12, 1998 Effective: December 12, 1998



Wireless Carrier Interconnection Service Tariff 4th Revised Sheet 18 Replacing 3rd Revised Sheet 18

# WIRELESS CARRIER INTERCONNECTION SERVICE

RECEIVED

7. RATES AND CHARGES-(Continued)

FEB 1 3 1998

(MT)(FC) 7.4 Directory Assistance Service

MISSOURI

A. Directory Assistance, per call

\$0.2975

Public Service Commission

B. Directory Transport

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

(FC) 7.5 AWCP NXX Conversion Charge

(MT)

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

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

(FC) 7.6 Voice Activated Dialing

Monthly Charge

Per Directory (30 Numbers)

\$2.20(1)

CANCELLED

DEC 1 2 1998

By Straight Service Commission

Public Service MISSOURI

(1) Each VAD directory is provided at no charge to the wireless carrier for the first two months of service.

MAR 15 1998

Issued:

FEB 1 3 1998

Effective:

MAR 1 5 1998

Public Service Commission

Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 18 Replacing 2nd Revised Sheet 18

# WIRELESS CARRIER INTERCONNECTION SERVICE

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7. RATES AND CHARGES-(Continued)

SEP 27 1996

7.4 AWCP NXX Conversion Charge

MISSOURI Public Service Commission

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ommission

(RT) (FC)

(RT)

(CT)

(RT)

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

**USOC** 

Nonrecurring Charge

**USOC** 

<u>S&E</u>

Per NXX (New or Change)

(NRBC8)

\$3,950.00

(NRBC9)

\$8.50

7.5 Voice Activated Dialing

Monthly Charge

Per Directory (30 Numbers)

\$2.20(1)

(RT)

(FC) (1) Each VAD directory is provided at no charge to the wireless carrier for the first two months of service.

Issued:

SEP 2 8 1996

Effective:

NOV 23 1996

Wireless Carrier
Interconnection Service Tariff
2nd Revised Sheet 18
Replacing 1st Revise 564 465

#### WIRELESS CARRIER INTERCONNECTION SERVICE

7. RATES AND CHARGES-(Continued)

NOV 2 7 1995

Telephone Number Groups and Dedicated NXX Charges					MISSOURI Public Service Commission		
	<u>USOC</u>		onrecurring Charge	USOC	S&E		
First 100 Numbers assigned(1)	(RS1)	\$	135.00	(NRBC9)	\$8.50		
Per additional 100 numbers assigned(1)	(RS1)	\$	90.00	(NRBC9)	\$8.50		
First 1000 numbers assigned(1)	(RQE)	\$	2,400.00	(NRBC9)	\$8.50		
Per additional 1000 numbers assigned(1)	(RQE)	\$	510.00	(NRBC9)	\$8.50		
Per dedicated NXX code	(RSA)	\$	4,800.00	(NRBC9)	\$8.50		
F. The following charge applies when changing an existing NXX to an Area Wide Calling Plan (AWCP) NXX. This charge also applies in addition to the Nonrecurring Charge for a new dedicated NXX, listed in Paragraph 7.4.E, when the New NXX is used as an AWCP NXX.							
	First 100 Numbers assigned(1)  Per additional 100 numbers assigned(1)  First 1000 numbers assigned(1)  Per additional 1000 numbers assigned(1)  Per dedicated NXX code  The following charge applies w Calling Plan (AWCP) NXX. This Nonrecurring Charge for a new	First 100 Numbers (RS1) assigned(1)  Per additional 100 (RS1) numbers assigned(1)  First 1000 numbers (RQE) assigned(1)  Per additional (RQE) 1000 numbers assigned(1)  Per dedicated (RSA) NXX code  The following charge applies when change calling Plan (AWCP) NXX. This charge a Nonrecurring Charge for a new dedicated	First 100 Numbers (RS1) \$ assigned(1)  Per additional 100 (RS1) \$ numbers assigned(1)  First 1000 numbers (RQE) \$ assigned(1)  Per additional (RQE) \$ 1000 numbers assigned(1)  Per dedicated (RSA) \$ NXX code  The following charge applies when changing Calling Plan (AWCP) NXX. This charge also Nonrecurring Charge for a new dedicated NXX	First 100 Numbers (RS1) \$ 135.00 assigned(1)  Per additional 100 (RS1) \$ 90.00 numbers assigned(1)  First 1000 numbers (RQE) \$ 2,400.00 assigned(1)  Per additional (RQE) \$ 510.00 1000 numbers assigned(1)  Per dedicated (RSA) \$ 4,800.00 NXX code  The following charge applies when changing an existing in Calling Plan (AWCP) NXX. This charge also applies in accommon and the charge for a new dedicated NXX, listed in the charge for a new dedicated NXX, listed in the charge for a new dedicated NXX, listed in the charge and the char	Public S  Nonrecurring Charge USOC  First 100 Numbers assigned(1)  Per additional 100 numbers assigned(1)  First 1000 numbers (RQE) \$ 2,400.00 (NRBC9) assigned(1)  Per additional (RQE) \$ 510.00 (NRBC9) 1000 numbers assigned(1)  Per dedicated (RSA) \$ 4,800.00 (NRBC9) NXX code  The following charge applies when changing an existing NXX to an Calling Plan (AWCP) NXX. This charge also applies in addition to Nonrecurring Charge for a new dedicated NXX, listed in Paragraph		

Per NXX (New or Change)
7.5 Voice Activated Dialing

(NR)

(AT)

(AT)

(NRBC8) \$ 3,950.00

Monthly <u>Charge</u>

(NRBC9) \$8.50

\$2.20(2)

Per Directory (30 Numbers)

CANCELLED

NOV 25 1855 BY 3 14 17 S. 18 Public Service Commission MISSOURI

Applies to Type 1 only.

(2) Each VAD directory is provided at no charge to the wireless carrier for the first two months of service.

Issued: NOV 2 7 1995

Effective:

MAR 6 1996AR 6 199

(CT)Wireless Carrier
Interconnection Service Tariff
1st Revised Sheet 18
Replacing Original Sheet 18
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(CT) WIRELESS CARRIER INTERCONNECTION SERVICE

7. RATES AND CHARGES-(Continued)

MAY 27 1994

(FC)	7.4	Telephone Number Groups and I	Dedicated NX	X C	harges	MIS Public Serv	SSOURI ice Commission
(AT)(RT)			USOC	N 	onrecurring Charge	usoc	<u>s&amp;e</u>
(AT) (FC)	Α.	First 100 Numbers assigned(1)	(RS1)	\$	135.00	(NRBC9)	\$8.50
(AT) (FC)	В.	Per additional 100 numbers assigned(1)	(RS1)	\$	90.00	(NRBC9)	\$8.50
(AT) (FC)	c.	First 1000 numbers assigned(1)	(RQE)	\$	2,400.00	(NRBC9)	\$8.50
(AT) (FC)	D.	Per additional 1000 numbers assigned(1)	(RQE)	\$	510.00	(NRBC9)	\$8.50
(AT)	E.	Per dedicated NXX code	(RSA)	\$	4,800.00	(NRBC9)	\$8.50
(AT)	F.	The following charge applies Calling Plan (AWCP) NXX. The Nonrecurring Charge for a new when the New NXX is used as	is charge al w dedicated	so NXX	applies in	addition to	the
(AT)		Per NXX (New or Change)	(NRBC8)	\$	3,950.00	(NRBC9)	\$8.50
(RT)							

CANCELLED

MAR 6 1850

BY A R C Service Commission

Public Service Commission

FILED

JUL 1 5 1994

(FC) (1) Applies to Type 1 only.

Issued: MAY 3 1 1994

JUL 1 5 199 MISSOURI
Effective: Public Service Commission

Radio Common Carrier Interconnection Service Tariff Original Sheet 18

RADIO COMMON CARRIER INTERCONNECTION SERVICE

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RATES AND CHARGES-(Continued)

NOV 28 1990

7.3 Telephone Number Groups and Dedicated NXX Charges

MISSOURI

			Noni	p <sub>y</sub> recurring	blic Service Com	mission
		usoc		narge(1)	S&E	
Α.	First 100 numbers assigned (2)	(RS1)	\$	135.00	\$8.50	
В.	Per additional 100 numbers assigned (2)	(RS2)	\$	90.00	\$8.50	
c.	First 1000 num- bers assigned		\$	2,400.00	\$8.50	
D.	Per additional 1000 numbers assigned		\$	510.00	\$8.50	
Ε.	Per dedicated NXX code	(RSA)	\$	4,800.00	\$8 GANCELL	ED

JUL 151994 BY Jat R.S. #) Public Service Commission MISSOURI

(1) For a period of 60 days from the effective date of this Tariff, carriers with existing telephone numbers may convert to the above nonrecurring options. In such cases, the Telephone Company will determine the recurring and nonrecurring charges paid by the carrier under the existing tariff for the numbers to be converted. If the total charges paid by the carrier equals or exceeds the specified nonrecurring charge, they will be converted to the nonrecurring option subject only to the payment of the S&E charge. If the total charges paid by the carrier are less than the nonrecurring charge, they will be converted to the nonrecurring option subject to the payment of the S&E charge plus the difference between the total charges paid and the nonrecurring charge. If the Telephone Company is unable to determine the date on which a group of telephone numbers was first provided to a carrier for the purpose of calculating the total charges paid for that group of numbers, the Telephone Company will assume that the numbers were provided on the date any telephone numbers were first provided to the carrier.

(2) Applies to Type 1 only.

Effective:

filed

Issued: NOV 2 7 1990 DEC 0 1 1990

Wireless Carrier Interconnection Service Tariff 8th Revised Sheet 19 Replacing 7th Revised Sheet 19

## WIRELESS CARRIER INTERCONNECTION SERVICE

7	RATES	AND	CHARGES-(	Continued`	١
٠.	IVI LID	$\mu$	CIT III OLD	Commuca	,

- (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>	Nonrecurring  Charge
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.

	Nonrecurring Charge
Per end office (NRBCL)  C. Redesignate the end office rate center for Type 2A(1)	\$ 70.00
c. Redesignate the end office rate center for Type 2A(1)	Nonrecurring Charge

Per change . . . . . . . . . (NRBCX) \$ 50.00

(1) Requires 2 weeks' notice to SWBT.

Issued: November 12, 1998 Effective: December 12, 1998

Filed MO PSC

Wireless Carrier Interconnection Service Tariff 7th Revised Sheet 19 Replacing 6th Revised Sheet 19

# WIRELESS CARRIER INTERCONNECTION SERVICE

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7. RATES AND CHARGES-(Continued)

FEB 13 1998

(FC) 7.7 Nonrecurring Charges

MISSOURI Public Service Commission

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).

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.

Nonrecurring
Charge

Per end office ...... (NRBCL) \$ 70.00

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

Nonrecurring

<u>Charge</u>

Per change ...... (NRBCX) \$ 50.00

CANCELLED

DEC 1 2 1998

By Strong Commission
Public Service Commission

FILED

MAR 15 1998

(1) Requires 2 weeks' notice to SWBT.

MISSOURI Public Service Commission

Issued: FE

FEB 1 3 1998

Effective:

MAR 1 5 1998

Wireless Carrier Interconnection Service Tariff 6th Revised Sheet 19 Replacing 5th Revised Sheet 19

WIRELESS CARRIER INTERCONNECTION SERVICE

RECEIVED

7. RATES AND CHARGES-(Continued)

(FC) 7.6 Nonrecurring Charges

MAY 6 1996

A. Type 2B Nonrecurring Charge

MISSOURI
Public Service Commission

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

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  $2\dot{A}$  interconnection and retaining the same NXX code, a nonrecurring charge applies per end office where translations are required.

Per end office . . . . . . . . . . (NRBCL) \$ 70.00

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

Nonrecurring

Per change . . . . . . . . . . . . (NRBCX) \$ 50.00

CANCELLED

By Dublic Service Commission

FILED

Nonrecurring

Charge

JUL 6 1996

MO. PUBLIC SERVICE COMM

(1) Requires 2 weeks' notice to SWBT.

Issued: MAY 0 6 1996

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(pk)

Effective:

**4699** 

JUL 0 6 1996

Wireless Carrier Interconnection Service Tariff 5th Revised Sheet 19 Replacing 4th Revised Sheet 19

WIRELESS CARRIER INTERCONNECTION SERVICE

7. RATES AND CHARGES-(Continued)

FEB 16 1995

(FC) 7.6 Nonrecurring Charges

A. Type 2B Nonrecurring Charge

MO. PUBLIC SERVICE COMM.

Nonrecurring

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

	Ţ	Nonrecur JSOC Charg	
Per Type 2B end off	ice	(AG9) \$200.0	0

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.

		Charge
Per end office	(NRBCI	\$ 70.00

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

	Nonrecurring Charge
Per change	\$ 50.00

D. CCS/SS7 for Type 2A Interconnection Charges (NR)

-3		
Trunk Conversion Public (First trunk per group)	JUL 6 1983 6 TX R.S. # 19	Nonrecurring Charge
Trunk Conversion (First trunk per group)	Service Commission Commission (NRBST)	\$130.00
Trunk Conversion (Ea. add'l. trunk per group)	(NRBST)	\$ 15.00

(1) Requires 2 weeks' notice to SWBT.

MAR 18 1995

Issued: FEB 1 6 1995

(MR)

Effective: MAR 1 8 1995

MISSOURI

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

(CT)Wireless Carrier Interconnection Service Tariff Replacing 3rd Revised Sheet 19
RECEIVED 4th Revised Sheet 19

		(CT) WIRELESS CARRIER INTERCONNECTION SERVIC	E
)	7. R	ATES AND CHARGES-(Continued)	MAY 27 1994
(FC)	7.5	Nonrecurring Charges	MISSOURI Public Service Commission
	A.	Type 2B Nonrecurring Charge	
(CT)		For Type 2B service, a nonrecurring installation charge office connected to the MSC via Type 2B connection(s).	applies per end
(AT)		usoc	Nonrecurring Charge
(AT)		Per Type 2B end office (AG9)	\$200.00
	В.	Changing from Type 1 to Type 2A	
(AT)		When changing from a Type 1 to a Type 2A interconnection same NXX code, a nonrecurring charge applies per end of translations are required.	·-
<b>)</b>			Nonrecurring Charge
(AT)		Per end office (NRBCL)	\$ 70.00
	c.	Redesignate the end office rate center for Type 2A(1)	
			Nonrecurring Charge
(TA)		Per change (NRBCX)	\$ 50.00
(RT)		CANCELLE	D
(MT)		40400	NE.
		MAR 18199	<b>)</b> **,ଦ

Public Service Commission MISSOURI

JUL 1 5 1994

(1) Requires 2 weeks' notice to SWBT.

Issued: MAY 8 1 1994

MISSOURI Effective: Public Service Commission

T) (CT) (CT)

(CT)

Radio Common Carrier Interconnection Service Tariff 3rd Revised Sheet 19 Replacing 2nd Revised Sheet 19

RADIO COMMON CARRIER INTERCONNECTION SERVICE	RECEIVED
7. RATES AND CHARGES-(Continued)	MAY - 6 1992
7.4 Nonrecurring Charges	MISSOURI
A. Type 2B Nonrecurring Charge	blic Service Commission
For Type 2B service, a nonrecurring installation charge a office connected to the MTSO via Type 2B connection(s).	applies per end
•	Nonrecurring Charge
Per Type 2B end office	\$200.00
B. Change from Type 1 to Type 2A	
When changing from Type 1 to Type 2A interconnection and NXX code, a charge applies per end office where retranslated required.	
	Nonrecurring Charge
Per end office	. \$ 70.00
C. Redesignate the end office rate center for Type 2A(1)	Nonrecurring
Per change CANCELLED	Charge \$ 50.00
D. Change Terminating Rate Option  JUL 151994  H. R. S. 19  BY LA R. S. 19  BY	Nonrecurring Charge
Per change Public Service Commissio	\$ 18.00
E. DACC Tape	
At the request of the RCC or SMR, a data tape is created which provides DACC ANI account number information. To SMR with this information, the RCC or SMR must provide to Automatic Number Identification information according to specifications. DACC tapes are only available to RCC or the Multi Rate Option.	provide the RCC or he Company with the Company's
	NonrecurringCharge
Per Tape	. s majoq=17
(1) Requires 2 weeks' notice to SVBT.	
Issued: MAY 0 8 1992 Effective: JUN 0 8 190	2 140 PURI 16 CERUICE COMME

By R. D. BARRON, President-Missouri Division MO. PUBLIC SERVICE COMM. Southwestern Bell Telephone Company

(NR)

Radio Common Carrier Interconnection Service Tariff 2nd Revised Sheet 19 Replacing 1st Revised Sheet 19

		RADIO COMMON CARRIER I	INTERCONNECTION SERVICE	RECEIVED
	7. R	ATES AND CHARGES-(Continued)		FEB 19 1992
	7.4	Nonrecurring Charges		MISSOURI
	Α.	Type 2B Nonrecurring Charge	Publi	c Service Commission
		For Type 2B service, a nonrecurring office connected to the MTSO via 1		olies per end
				Nonrecurring Charge
		Per Type 2B end offic	ie	\$200.00
	В.	Change from Type 1 to Type 2A		
		When changing from Type 1 to Type NXX code, a charge applies per end required.		
				Nonrecurring Charge
		Per end office		\$ 70.00
	C.	Redesignate the end office rate co	enter for Type 2A(1)	Nonrecurring Charge
		Per change	• • • • • • • • • • • •	\$ 50.00
	D.	Change Terminating Rate Option	CANCELLED	Nonrecurring
			JUN 8 1992	Charge
		Per change	BY 3200. R.S. +19.	\$ 18.00
	Ε.	DACC Tape	Public Service Commission MISSOURI	
		At the request of the RCC, a data provides DACC ANI account number information, the RCC must provide Identification information accord DACC tapes are only available to	tape is created by the C information. To provide the Company with Automat ing to the Company's spec	the RCC with this ic Number ifications.
				Nonrecurring Charge
)		Per Tape		\$ 6.00
	(1)	Requires 2 weeks' notice to SWBT.		FILED
•	Issue	d: FEB 2 1 1992	Effective: MAR 2 2 1982	MAR 221992
			ident-Missouri Division	משוז ה ה ושבר

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

MO. PUBLIC SERVICE COMM.

Radio Common Carrier Interconnection Service Tariff 1st Revised Sheet 19 Replacing Original Sheet 19

7. RA 7.4 A.	ATES AND CHARGES-(Continued)  Nonrecurring Charges	RECEIVED  APR 25 1991  MISSOURI Service Commission Plies per end  Nonrecurring
В.	Per Type 2B end-office	<u>Charge</u> \$200.00
	When changing from Type 1 to Type 2A interconnection and reNXX code, a charge applies per end-office where retranslativequired.	ions are
	Per end office	Nonrecurring Charge \$ 70.00
c.	Redesignate the end-office rate center for Type 2A(1)	\$ 70.00
		Nonrecurring Charge
	Per change	\$ 50.00
D.	Change Terminating Rate Option CANCELLED	
	MAR 22 1992 BY <u>2 nd R5 19</u> Per change Public Service Commission MISSOURI	Nonrecurring Charge  n \$ 18.00  FILED  MAY 28 1991

Issued: APR 2 6 1991

(1) Requires 2 weeks' notice to SWB.

(NR)

(NR)

Effective: MAY 2 8 1991

Public Service Commission

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri

Radio Common Carrier Interconnection Service Tariff Original Sheet 19

	RADIO COMMON CARRIER INTERCONNECTION SERVI	CE RECEIVED
7. R	ATES AND CHARGES-(Continued)	NOV 28 1990
7.4	Nonrecurring Charges	MISSOURI
A.	Type 2B Nonrecurring Charge	Public Service Commission
For Type 2B service, a nonrecurring installation charge applies per end office connected to the MTSO via Type 2B connection(s).		
		Nonrecurring Charge
	Per Type 2B end office	\$200.00
В.	Change from Type 1 to Type 2A	
	When changing from Type 1 to Type 2A interconnection a NXX code, a charge applies per end office where retrainequired.	
		Nonrecurring Charge
	Per end office	\$ 70.00
c.	Redesignate the end office rate center for Type 2A(1)	
		Nonrecurring Charge

CANCELLED

MAY 28 1991

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BY LALS # 19

Public Service Commission

MISSOURI

(1) Requires 2 weeks' notice to SWB.

Issued: NOV 2 7 1990

Effective:

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FILED

\$ 50.00

By R. D. BARRON, President-Missouri Division Southwestern Bell Telephone Company St. Louis, Missouri DEC 1 1990 90-144 lic Service Commissi

**Public Service Commission** 

Wireless Carrier Interconnection Service Tariff 4th Revised Sheet 20 Replacing 3rd Revised Sheet 20

## WIRELESS CARRIER INTERCONNECTION SERVICE

- 7. RATES AND CHARGES-(Continued)
- (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.

	Nonrecurring
	Charge
	-
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:

	Nonrecurring <a href="Charge">Charge</a>	<u>S&amp;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.

Issued: November 12, 1998 Effective: December 12, 1998

Filed MO PSC

Wireless Carrier Interconnection Service Tariff 3rd Revised Sheet 20 Replacing 2nd Revised Sheet 20

WIRELESS CARRIER INTERCONNECTION SERVICE

7. RATES AND CHARGES-(Continued)

Missouri Public Service Commission

REC'D SEP 0 3 1998

7.7 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.

> Nonrecurring Charge \$ 6.00

(AT) F. Wireless Usage Study

(AT)

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:

> Nonrecurring Charge S&E

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.

CANCELLED

AUG 0 7 1998 Issued:

Effective:

OCT -2 3 1998

Wireless Carrier Interconnection Service Tariff 2nd Revised Sheet 20 Replacing 1st Revised Sheet 20

# WIRELESS CARRIER INTERCONNECTION SERVICE

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7. RATES AND CHARGES-(Continued)

FEB 13 1998

(FC) 7.7 Nonrecurring Charges-(Continued)

MISSOURI Public Service Commission

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.

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MAR 15 1998

MISSOURI Public Service Commission

Issued: FEB 1 3 1998

Effective:

MAR 1 5 1998

Wireless Carrier Interconnection Service Tariff 1st Revised Sheet 20 Replacing Original Sheet 20

# WIRELESS CARRIER INTERCONNECTION SERVICE

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7. RATES AND CHARGES-(Continued)

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(FC) 7.6 Nonrecurring Charges-(Continued)

(FC) E. DACC Tape

MISSOUR Public Service Commission

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.

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

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Issued:

OCT 3 0 1996

Effective:

NOV 2 9 1996

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

(CT)Wireless Carrier Interconnection Service Tariff Original Sheet 20

# (CT) WIRELESS CARRIER INTERCONNECTION SERVICE RECEIVED

7. RATES AND CHARGES-(Continued)

MAY 27 1994

(MT)(FC) 7.5 Nonrecurring Charges-(Continued)

MISSOURI Public Service Commission

(FC) D. DACC Tape

(MT)

(CT) 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

(CT) carriers selecting the Multi Rate Option.

Nonrecurring Charge

CANCELLED

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Public Service Commission

MISSOURI

**FILED** 

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Issued: MAY 3 1 1994

Effective

JUL 1 5 1994 MISSOURI

JUL 1 1 1994 Public Service Commission

Wireless Carrier Interconnection Service Tariff Original Sheet 21

## WIRELESS CARRIER INTERCONNECTION SERVICE

#### 8. WIRELESS 911 CONNECTION CIRCUITS

## 8.1 Definitions

<u>E911 Service</u> – 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.

<u>Call Path Associated Signaling (CAS)</u> – 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).

<u>Hybrid</u> - 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.

Non-Call Path Associated Signaling (NCAS) – A wireless 911 solution set that utilizes one transmission path to deliver the voice and a separate transmission path to deliver the Mobile Directory Number and the caller's location to the Public Safety Answering Point (PSAP).

<u>Shell Record</u> – 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).

# 8.2 General Regulations

A. Wireless 911 connection circuit service is provided to the Wireless Carrier to enable the Wireless Carrier's use of SWBT's 911 network service elements that SWBT uses in the provision of E911 Universal Emergency Number/911 Telecommunications Services, where SWBT is the 911 service provider. 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 911 Connection Circuit service is compatible with CMRS provider Phase I and Phase II E911 obligations, as described in FCC CC Docket 94-102.



Wireless Carrier Interconnection Service Tariff Original Sheet 22

# WIRELESS CARRIER INTERCONNECTION SERVICE

- 8. WIRELESS 911 CONNECTION CIRCUITS (cont'd)
  - 8.2 General Regulations (cont'd)
    - B. 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 Missouri Public Service Commission.
  - 8.3 Description of Service
    - 8.3.1 Wireless 911 Connection Circuits
      - 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 SWBT'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 911 trunks from the point of connection to the 911 Selective Routing Switch for the provision of 911 service.
      - C. In addition to the Wireless 911 connection circuits, the Wireless Carrier must provide the DS1 level facility, used exclusively for the delivery of 911 emergency traffic, to transport the DS0 level trunks. The Carrier may purchase the DS1 level facility from SWBT as outlined in Section 7 of the Access Service Tariff.
    - 8.3.2 Terms and Conditions
      - A. The prices 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 SWBT undertake such responsibility. The Wireless Carrier shall be responsible for making such operational tests as, in the judgment of the Wireless Carrier, are required to determine whether the facility is functioning properly for its use. The Wireless Carrier shall promptly notify SWBT in the event that their facilities are not functioning properly.



Wireless Carrier Interconnection Service Tariff Original Sheet 23

## WIRELESS CARRIER INTERCONNECTION SERVICE

- 8. WIRELESS 911 CONNECTION CIRCUITS (cont'd)
  - 8.3 Description Service (cont'd)
    - 8.3.2 Terms and Conditions (cont'd)
      - B. Notwithstanding anything to the contrary contained herein, SWBT'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 SWBT incur any liability, direct or indirect, to any other person on whose behalf a 911 call is made.
      - C. SWBT 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 Listed Service to the extent that the name, telephone number, address and /or 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 SWBT 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. SWBT 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 SWBT with five months advance notice. The Call Path Associated Signaling (CAS) solution does not support Phase II and Wireless Carriers that utilize CAS for Phase I will be required to migrate to Non-Call Path Associated Signaling (NCAS) or Hybrid solutions for Phase II implementation.

Wireless Carrier Interconnection Service Tariff Original Sheet 24

# WIRELESS CARRIER INTERCONNECTION SERVICE

- 8. WIRELESS 911 CONNECTION CIRCUITS (cont'd)
  - 8.3 Description Service (cont'd)
    - 8.3.3 Database 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 the Carrier's Automatic Location Identification (ALI) Records to the appropriate 911 Database Provider. Where SWBT is the 911 Database Provider and the Wireless Carrier deploys a CAS or Hybrid CAS solution, the following requirements shall apply:

- 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 SWBT ALI database. Additionally, the Wireless Carrier is responsible for correcting any errors that may occur during the mechanized entry of its data to the SWBT 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 Wireless Carrier's Shell Records for ALI are submitted to SWBT, for inclusion in SWBT's DBMS on a timely basis, once E911 trunking has been established and tested between Wireless Carrier's Mobile Switching Center (MSC) and all appropriate SRs.

Wireless Carrier Interconnection Service Tariff Original Sheet 25

## WIRELESS CARRIER INTERCONNECTION SERVICE

- 8. WIRELESS 911 CONNECTION CIRCUITS (cont'd)
  - 8.3 Description Service (cont'd)
    - 8.3.3 Database Responsibilities (cont'd)
      - 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.

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 provider for errors in the SWBT ALI database.

The Wireless Carrier shall be solely responsible for providing test records and conducting call-through testing on all new licensed areas.

8.3.4 Additional Responsibilities

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 SWBT's ALI Server. The Wireless Carrier may purchase this circuit from a vendor of its choice.

- 8.4 Rate Regulations
  - 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).

Wireless Carrier Interconnection Service Tariff Original Sheet 26

# WIRELESS CARRIER INTERCONNECTION SERVICE

- 8. WIRELESS 911 CONNECTION CIRCUITS (cont'd)
  - 8.5 Rates and Charges

<u>Description</u>	Nonrecurring <u>Charge</u>	Monthly Price
Wireless 911 Connection Circuit - per DS0 channel	\$170.00	\$58.00

DS1 Transport Facility, if required

- See Part 7 of the Access Service Tariff