

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions

(1) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. Spare channel priority is given to the lowest numbered slot based upon slot position. Slot position number one is given highest priority. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer premises. The customer is responsible for providing the equipment at its premises. This feature is not available with 1.544 Mbps channels having the B8ZS line code.

ISSUED:  
March 30, 2007

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April 30, 2007

CANCELLED  
October 19, 2009  
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Service Commission  
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SPRINT MISSOURI, INC.  
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ACCESS SERVICE

Missouri Public  
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REC'D NOV 29 2000

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions

(1) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. **Spare channel priority is given to the lowest numbered slot based upon slot position. Slot position number one is given highest priority.** The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer premises. The customer is responsible for providing the equipment at its **premises. This feature is not available with 1.544 Mbps channels having the B8ZS line code.**

(C)  
(C)  
(C)  
(C)

ISSUED:  
November 29, 2000

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EFFECTIVE:  
December 29, 2000  
Missouri Public  
Service Commission

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ACCESS SERVICE

Missouri Public  
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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

REC'D SEP 10 1999

7.2.9 High Capacity Service (Cont'd)

(T)

(D) Optional Features and Functions

(1) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer premises. The customer is responsible for providing the equipment at its premises. Equipment at the customer premises will be provided under tariff only if it existed in the Telephone Company inventory as of November 18, 1983.

(D)

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Public Service Commission  
MISSOURI

(D)

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September 10, 1999

Richard D. Lawson  
State Executive, External Affairs

October 14, 1999

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

SEP 17 1992

7.2 Service Descriptions (Cont'd)

MO. PUBLIC SERVICE COMMISSION

7.2.9 United TransLink<sup>SM</sup> Service (Cont'd)

(D) Optional Features and Functions

(1) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer premises. The customer is responsible for providing the equipment at its premises. Equipment at the customer premises will be provided under tariff only if it existed in the Telephone Company inventory as of November 18, 1983.

(2) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as a part of the option.

<sup>SM</sup> Registered service mark of United Telecommunications, Inc.

CANCELLED

OCT 15 1999  
By *LSR#321*  
Public Service Commission  
MISSOURI

FILED

NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L Roe  
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MO. PUBLIC SERVICE COMMISSION  
~~Effective 11/7/92~~

NOV 7 1992

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Central Office Multiplexing

(a) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(b) DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

ISSUED:  
March 30, 2007

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

Service Commission

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Central Office Multiplexing

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|  
(D)  
  
(T)

(a) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(D)  
|  
(D)  
  
(T)

(b) DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

Missouri Public

FILED FEB 07 2002

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ISSUED:  
January 7, 2002

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d/b/a SPRINT

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ACCESS SERVICE

7. Special Access Service (Cont'd)

Missouri Public  
Service Commission

7.2 Service Descriptions (Cont'd)

REC'D SEP 10 1999

7.2.9 High Capacity Service (Cont'd)

(T)

(D) Optional Features and Functions (Cont'd)

(2) Central Office Multiplexing

(T)

(a) DS4 to DS1

(C) (M)

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channel using digital time division multiplexing.

(b) DS3 to DS1

(C)

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(c) DS2 to DS1

(C)

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

(d) DS1C to DS1

(C)

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

(M)

(D)

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2nd RP 322

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MISSOURI

Missouri Public  
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Richard D. Lawson  
State Executive, External Affairs

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

SEP 17 1992

7.2 Service Descriptions (Cont'd)

MO. PUBLIC SERVICE COMMISSION

7.2.9 United TransLink<sup>SM</sup> Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Central Office Multiplexing (Cont'd)

(a) Reserved for future use.

(b) Reserved for future use.

(c) Reserved for future use.

(d) Reserved for future use

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By *1st RS #322*  
Public Service Commission  
MISSOURI

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MO. PUBLIC SERVICE COMMISSION

ISSUED:  
September 17, 1992

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Central Office Multiplexing (Cont'd)

(c) DS1 to Voice (T)

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a Digital Data, or WATS Access Line Service.

(d) DS1 to DS0 (T)

An arrangement that converts a 1.544 Mbps channel to twenty-four 64.0 Kbps channels utilizing digital time division multiplexing.

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March 30, 2007

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ACCESS SERVICE

Missouri Public

7. Special Access Service (Cont'd)

REC'D JUL 02 2002

7.2 Service Descriptions (Cont'd)

Service Commission

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Central Office Multiplexing (Cont'd)

(e) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a Digital *Data*, or WATS Access Line Service.

(CT)

(f) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to twenty-four 64.0 Kbps channels utilizing digital time division multiplexing.

Missouri Public

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Service Commission

ISSUED:  
July 2, 2002

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August 2, 2002~~

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**Missouri Public  
Service Commission**

ACCESS SERVICE

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Central Office Multiplexing (Cont'd)

(e) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a Digital Data, Program Audio, or WATS Access Line Service.

(f) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to twenty-four 64.0 Kbps channels utilizing digital time division multiplexing. (T)

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MISSOURI

ISSUED:  
November 29, 2000

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Jefferson City, MO 65101

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December 29, 2000  
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Service Commission**

ACCESS SERVICE

REC'D MAY 03 2000

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Central Office Multiplexing (Cont'd)

(e) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a Digital Data, Program Audio, or WATS Access Line Service.

(f) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to twenty-three 64.0 Kbps channels utilizing digital time division multiplexing.

(D)  
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(D)

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**Public Service Commission  
MISSOURI**

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ISSUED:  
May 3, 2000

Richard D. Lawson  
State Executive, External Affairs

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June 2, 2000

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Central Office Multiplexing (Cont'd)

(e) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a Digital Data, Program Audio, or WATS Access Line Service. (T) (C)

(f) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to twenty-three 64.0 Kbps channels utilizing digital time division multiplexing.

(g) DS0 to Subrate

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps, or five 9.6 kbps channels using digital time division multiplexing.

(D)

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Public Service Commission  
MISSOURI

Missouri Public Service Commission

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 United TransLink<sup>SM</sup> Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Central Office Multiplexing (Cont'd)

(e) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a United DigiLink<sup>SM</sup>, Program Audio, Metallic, or WATS Access Line Service.

(f) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to twenty-three 64.0 Kbps channels utilizing digital time division multiplexing.

(g) DS0 to Subrate

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps, or five 9.6 kbps channels using digital time division multiplexing.

<sup>SM</sup> Registered service mark of United Telecommunications, Inc.

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SEP 17 1992

MO. PUBLIC SERVICE COMMISSION

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OCT 15 1999

By *(Signature)* #323  
Public Service Commission  
MISSOURI

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NOV 7 1992

MO. PUBLIC SERVICE COMMISSION  
EFFECTIVE:

ISSUED:  
September 17, 1992

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NOV 7 1992

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Automatic Loop Transfer		X				
Central Office Multiplexing:						
DS1 to Voice		X				
DS1 to DS0		X				
DS3 to DS1					X	
DS1C to DS1			X			
Clear Channel Capability		X			X	

7.2.10 Clear Channel Capability

Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits to meet pulse density requirements outlined in Technical Reference Publications GR-54 and GR-342. This will allow a customer to transport an all zero octet over a DS1/1.544 Mbps High Capacity channel providing an available combined maximum 1.536 Mbps data rate. This arrangement requires the customer signal at the channel interface to conform to Bipolar with 8 Zero Substitution (B8ZS) line code as described in Technical Reference Publications GR-54 and GR-342.

CCC is provided on DS1/1.544 Mbps High Capacity channels between two customer designated premises and is subject to the availability of facilities. This optional feature may be ordered at the same time the DS1/1.544 Mbps High Capacity channel is ordered, or it may be ordered as an additional feature of an existing channel.

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March 30, 2007

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ACCESS SERVICE

Missouri Public

7. Special Access Service (Cont'd)

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7.2 Service Descriptions (Cont'd)

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MS

7.2.9 High Capacity Service (Cont'd)

Service Commission

(D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-					
	0	1	1C	2	3	4
Automatic Loop Transfer		X				
Central Office Multiplexing:						
DS1 to Voice		X				
DS1 to DSO		X				
DS3 to DS1						X
DS1C to DS1			X			
Clear Channel Capability		X				X

7.2.10 Clear Channel Capability

Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits to meet pulse density requirements outlined in Technical Reference Publications GR-54 and GR-342. This will allow a customer to transport an all zero octet over a DS1/1.544 Mbps High Capacity channel providing an available combined maximum 1.536 Mbps data rate. This arrangement requires the customer signal at the channel interface to conform to Bipolar with 8 Zero Substitution (B8ZS) line code as described in Technical Reference Publications GR-54 and GR-342.

(CT)

CCC is provided on DS1/1.544 Mbps High Capacity channels between two customer designated premises and is subject to the availability of facilities. This optional feature may be ordered at the same time the DS1/1.544 Mbps High Capacity channel is ordered, or it may be ordered as an additional feature of an existing channel.

(CT)

Missouri Public

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ISSUED:  
July 9, 2002

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ACCESS SERVICE

Missouri Public

7. Special Access Service (Cont'd)

REC'D JAN 07 2002

7.2 Service Descriptions (Cont'd)

Service Commission

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-						
	0	1	1C	2	3	4	
Automatic Loop Transfer		X					(D)
Central Office Multiplexing:							
DS1 to Voice		X					
DS1 to DSO		X					
DS3 to DS1					X		(D)
DS1C to DS1			X				(D)
Clear Channel Capability		X			X		

7.2.10 Clear Channel Capability

Clear Channel Capability provides an increase in usable bandwidth from 1.344 Mbps to 1.536 Mbps of an unconstrained data stream across the network. Clear Channel Capability is provided only in offices with existing technical capability on 1.544 Mbps High Capacity Service and on multiplexed 44.736 Mbps High Capacity Service, and requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code format as described in Technical Reference **Publications GR-54 and GR-342**. Customer equipment must be compatible with this method of providing the unconstrained signal. (T)

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January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
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d/b/a SPRINT

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Missouri Public  
Service Commission

ACCESS SERVICE

REC'D NOV 29 2000

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Automatic Loop Transfer		X				
Central Office Multiplexing:						
DS1 to Voice		X				
DS1 to DSO		X				
DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1				X		
DS1C to DS1			X			
<b>Clear Channel Capability</b>		X			X	

7.2.10 Clear Channel Capability

*Clear Channel Capability provides an increase in usable bandwidth from 1.344 Mbps to 1.536 Mbps of an unconstrained data stream across the network. Clear Channel Capability is provided only in offices with existing technical capability on 1.544 Mbps High Capacity Service and on multiplexed 44.736 Mbps High Capacity Service, and requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code format as described in Technical Reference PUB 77323. Customer equipment must be compatible with this method of providing the unconstrained signal.*

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November 29, 2000

Richard D. Lawson  
State Executive, External Affairs  
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Service Commission**

ACCESS SERVICE

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Automatic Loop Transfer						X
Central Office Multiplexing:						
DS1 to Voice						X
DS1 to DSO						X
DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1				X		
DS1C to DS1				X		

(D)

7.2.10 Reserved For Future Use

**CANCELLED**

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**Public Service Commission  
MISSOURI**

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May 3, 2000

Richard D. Lawson  
State Executive, External Affairs

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ACCESS SERVICE

Missouri Public  
Service Commission

7. Special Access Service (Cont'd)

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7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(T)

(D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Automatic Loop Transfer						X
Central Office Multiplexing:						
DS1 to Voice						X
DS1 to DS0						X
DS0 to Substrate		X				
DS4 to DS1						X
DS3 to DS1	-				X	
DS2 to DS1				X		
DS1C to DS1				X		

(M)

(M)

(D)

7.2.10 Reserved For Future Use

(C)

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Public Service Commission  
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Service Commission

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(M)

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September 10, 1999

Richard D. Lawson  
State Executive, External Affairs

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

JUN 19 1998

7.2.9 United TransLink<sup>SM</sup> Service (Cont'd)

MO. PUBLIC SERVICE COMM

(D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-	
	Q	I
Automatic Loop Transfer		X
Central Office Multiplexing:		
DS1 to Voice		X
DS1 to DSO		X
DS0 to Substrate* Transfer Arrangement	X	X

7.2.10 High Capacity Service

(A) Basic Channel Description

1) A high capacity channel is a channel for the transmission of 3.152, 6.312, 44.736 or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High capacity channels are provided between customer designated premises or between a customer designated premises and a Tele-phone Company Hub.

The customer may provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

2) Fractional DS1 channels provide simultaneous, two-way transmission at contiguous bit rates of 128.0, 256.0 and 384.0 kbps. Fractional DS1 channels operate over the combined bandwidth of adjacent channels to create a contiguous bit rate.

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(N)

<sup>SM</sup> Registered service mark of United Telecommunications, Inc.

CANCELLED

OCT 15 1999  
By *2nd RS #324*  
Public Service Commission  
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ISSUED:  
June 19, 1998

BY: Richard Lawson  
State Executive - External Affairs

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7. Special Access Service (Cont'd)

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7.2 Service Descriptions (Cont'd)

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7.2.9 United TransLink<sup>SM</sup> Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-	
	<u>0</u>	<u>1</u>
Automatic Loop Transfer		X
Central Office Multiplexing:		
DS1 to Voice		X
DS1 to DSO		X
DS0 to Subrate*	X	
Transfer Arrangement		X

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7.2.10 High Capacity Service

(A) Basic Channel Description

A high capacity channel is a channel for the transmission of 3.152, 6.312, 44.736 or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

The customer may provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

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September 17, 1992

BY: John L Roe  
Vice President - Administration  
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.10 Reserved for Future Use (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.10 Reserved For Future Use (Cont'd)

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7. Special Access Service (Cont'd)

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7.2 Service Descriptions (Cont'd)

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7.2.10 High Capacity Service (Cont'd)

A) Basic Channel Description (Cont'd)

Due to technical limitations associated with the provision of Fractional DS1, this service will be offered only in end offices where a compatible channel bank exists and the distance between the central office and the customer designated premises is less than or equal to 12,000 feet.

B) Channel Interfaces

The following channel interface (CIs) defines the bit rate that is available for a High Capacity channel:

<u>CI</u>	<u>Bit Rate</u>
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-63	6.312 Mbps (DS2)

Compatible channel interfaces are set forth in 7.3.5(I) following.

(C) Optional Features and Functions

(1) Central Office Multiplexing

(a) DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channel using digital time division multiplexing.

(b) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(c) DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

(d) DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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7.2 Service Descriptions (Cont'd)

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7.2.10 High Capacity Service (Cont'd)

(B) Channel Interfaces

The following channel interface (CIs) defines the bit rate that is available for a High Capacity channel:

<u>CI</u>	<u>Bit Rate</u>
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-63	6.312 Mbps (DS2)

Compatible channel interfaces are set forth following. **CANCELLED**

(C) Optional Features and Functions

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(1) Central Office Multiplexing

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(a) DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channel using digital time division multiplexing.

(b) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(c) DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

(d) DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing. **FILED**

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**MO. PUBLIC SERVICE COMM.**

ISSUED:  
September 17, 1992

BY: John L Roe  
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.10 Reserved for Future Use (Cont'd)

ISSUED:  
March 30, 2007

Mark D. Harper  
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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.10 Reserved For Future Use (Cont'd)

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September 10, 1999

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State Executive, External Affairs

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.10 High Capacity Service (Cont'd)

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(C) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-			
	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Central Office Multiplexing:				
DS4 to DS1				X
DS3 to DS1			X	
DS2 to DS1		X		
DS1C to DS1	X			

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~~September 17, 1992~~  
NOV 7 1992

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.11 WATS Access Line (WAL) Service

(A) Basic Channel Description

A WATS Access Line Service provides a channel for voice frequency transmission capability. The service provides a connection between a customer designated premises and a WATS serving office associated with the closed end of TFC Service, WATS or similar service. It is provided only for use with Feature Group C or D Switched Access Service as set forth in Section 6 preceding.

WAL Service is arranged for either originating calling only or terminating calling only. It is provided with either rotary dial or dual tone multifrequency address signaling and either loop start, ground start, E&M, or reverse battery supervisory signaling. The choice of the type of signaling is at the option of the customer

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7. Special Access Service (Cont'd)

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7.2 Service Descriptions (Cont'd)

7.2.11 WATS Access Line (WAL) Service

(A) Basic Channel Description

A WATS Access Line Service provides a channel for voice frequency transmission capability. The service provides a connection between a customer designated premises and a WATS serving office associated with the closed end of TFC Service, WATS or similar service. It is provided only for use with Feature Group C or D Switched Access Service as set forth in Section 6 preceding.

(T)

WAL Service is arranged for either originating calling only or terminating calling only. It is provided with either rotary dial or dual tone multifrequency address signaling and either loop start, ground start, E&M, or reverse battery supervisory signaling. The choice of the type of signaling is at the option of the customer

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March 27, 1996

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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7.2 Service Descriptions (Cont'd)

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7.2.11 WATS Access Line (WAL) Service

(A) Basic Channel Description

A WATS Access Line Service provides a channel for voice frequency transmission capability. The service provides a connection between a customer designated premises and a WATS serving office associated with the closed end of 800 Service, WATS or similar service. It is provided only for use with Feature Group C or D Switched Access Service as set forth in Section 6 preceding.

WAL Service is arranged for either originating calling only or terminating calling only. It is provided with either rotary dial or dual tone multifrequency address signaling and either loop start, ground start, E&M, or reverse battery supervisory signaling. The choice of the type of signaling is at the option of the customer and

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.11 WATS Access Line (WAL) Service (Cont'd)

(A) Basic Channel Description (Cont'd)

Subject to the technical limitations identified in the Technical Publication GR-3334. WATS Access Line Service is provided as an effective two-wire, an effective four-wire or a DS1 (i.e., 1.544 Mbps) transmission path.

(B) Technical Specification Packages

<u>Parameters</u>	<u>Packages WAL</u>		
	<u>1</u>	<u>2</u>	<u>3</u>
Attenuation Distortion	X	X	
Bit error rate			X
C-Message Noise	X	X	
Echo Control	X	X	
Envelop Delay Distortion	X	X	
Frequency Shift	X	X	
Impulse Noise	X	X	
Intermodulation Distortion	X	X	
Loss Deviation	X	X	
Phase Jitter	X	X	
Signal-to-C	X	X	
Notch Noise			

(C) Channel Interfaces

The following interfaces are available with WAL Service:

LO, LS, DS, GO, GS RV, EA, EB, SF

Compatible channel interfaces are set forth in 7.3.5.(J)

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7. Special Access Service (Cont'd)

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7.2 Service Descriptions (Cont'd)

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7.2.11 WATS Access Line (WAL) Service (Cont'd)

(A) Basic Channel Description (Cont'd)

Subject to the technical limitations identified in the Technical **Publication GR-3334**, WATS Access Line Service is provided as an effective two-wire, an effective four-wire or a DS1 (i.e., 1.544 Mbps) transmission path. (T)  
(T)

(B) Technical Specification Packages

<u>Parameters</u>	<u>Packages WAL-</u>		
	<u>1</u>	<u>2</u>	<u>3</u>
Attenuation Distortion	X	X	
Bit error rate			X
C-Message Noise	X	X	
Echo Control	X	X	
Envelop Delay Distortion	X	X	
Frequency Shift	X	X	
Impulse Noise	X	X	
Intermodulation Distortion	X	X	
Loss Deviation	X	X	
Phase Jitter	X	X	
Signal-to-C	X	X	
Notch Noise			

(C) Channel Interfaces

The following interfaces are available with WAL Service:

LO, LS, DS, GO, GS RV, EA EB, SF

Compatible channel interfaces are set forth in 7.3.5.(J)

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ISSUED:  
January 15, 2002

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.11 WATS Access Line (WAL) Service (Cont'd)

(A) Basic Channel Description (Cont'd)

subject to the technical limitations identified in the Technical Pub 62500. WATS Access Line Service is provided as an effective two-wire, an effective four-wire or a DS1 (i.e., 1.544 Mbps) transmission path.

(B) Technical Specification Packages

<u>Parameters</u>	<u>Packages WAL-</u>		
	<u>1</u>	<u>2</u>	<u>3</u>
Attenuation Distortion	X	X	
Bit error rate			X
C-Message Noise	X	X	
Echo Control	X	X	
Envelop Delay	X	X	
Distortion			
Frequency Shift	X	X	
Impulse Noise	X	X	
Intermodulation	X	X	
Distortion			
Loss Deviation	X	X	
Phase Jitter	X	X	
Signal-to-C	X	X	
Notch Noise			

(C) Channel Interfaces

The following interfaces are available with WAL Service:

LO, LS, DS, GO, GS RV, EA EB, SF

Compatible channel interfaces are set forth in 7.3.5.(J)

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ISSUED:  
September 17, 1992

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.11 WATS Access Line (WAL) Service (Cont'd)

(D) Optional Features and Functions

- (1) Two-wire and four wire Central office bridging capability.
- (2) Improved two-wire and four-wire voice transmission specifications.
- (3) Signaling Capability
- (4) Certain other options associated with WAL services are available as Local Switching optional features as defined in Section 6 preceding.

7.2.12 Reserved for Future Use

7.2.13 Reserved for Future Use

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7. Special Access Service (Cont'd)

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7.2 Service Descriptions (Cont'd)

7.2.11 WATS Access Line (WAL) Service (Cont'd) Service Commission

(D) Optional Features and Functions

- (1) Two-wire and four wire Central office bridging capability.
- (2) Improved two-wire and four-wire voice transmission specifications.
- (3) Signaling Capability
- (4) Certain other options associated with WAL services are available as Local Switching optional features as defined in Section 6 preceding.

7.2.12 Reserved for Future Use

7.2.13 Reserved for Future Use

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7.2.11 WATS Access Line (WAL) Service (Cont'd)

(D) Optional Features and Functions

- (1) Two-wire and four wire Central office bridging capability.
- (2) Improved two-wire and four-wire voice transmission specifications.
- (3) Signaling Capability
- (4) Certain other options associated with WAL services are available as Local Switching optional features as defined in Section 6 preceding.

7.2.12 Reserved for Future Use

7.2.13 Educational Video Technical Trial

The Company will perform a technical trial for Educational Video in cooperation with four schools centered in and around Warrensburg, Missouri. The purpose of the technical trial is to determine the effectiveness of the technology that will be used for Educational Video applications. Educational Video will provide a video connection between classrooms in different schools, thus allowing a teacher to conduct a class in multiple locations at the same time. The field trial will be conducted for one year, and will be initially tested at no charge.

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93 - 181  
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BY: John L. Roe  
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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7.2.11 WATS Access Line (WAL) Service (Cont'd)

(D) Optional Features and Functions

- (1) Two-wire and four wire Central office bridging capability.
- (2) Improved two-wire and four-wire voice transmission specifications.
- (3) Signaling Capability
- (4) Certain other options associated with WAL services are available as either Line Termination common Switching optional features as defined in Section 6 preceding.

**CANCELLED**  
JUL 23 1993  
BY John L. Roe #329  
Public Service Commission

**FILED**

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~~October 17, 1992~~

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September 17, 1992

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## ACCESS SERVICE

### 7. Special Access Service (Cont'd)

#### 7.3 Channel Interface and Network Channel Codes

Network Channel Codes are comprised of four characters. The first and second characters describe the technical specifications package within the service type. The third and fourth characters describe and specify options associated with the service. The Telephone Company abides by nationally accepted standards in its use of Network Channel Codes and are available from the Telephone Company upon request.

Channel Interface Codes describe the electrical characteristics of the interface at the customer's premises. Compatible Channel Interface codes for the requested service must be specified by the customer when ordering the services. Channel Interface codes for each category of Special Access Service can be found in the Technical Reference Publications set forth in 7.2 preceding.

##### 7.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
AB	-	accepts 20 Hz ringing signal at customer's point of termination
AC	-	accepts 20 Hz ringing signal at customer's end user's point of termination
AH	-	analog high capacity interface
	- B	60 kHz to 108 kHz (12 channels)
	- C	312 kHz to 552 kHz (60 channels)
	- D	564 kHz to 3084 kHz (600 channels)
CT	-	Centrex Tie Trunk Termination
DA	-	data stream in VF frequency band at customer's end user's point of termination
DB	-	data stream in VF frequency band at customer's point of termination

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes

*Network Channel Codes are comprised of four characters. The first and second characters describe the technical specifications package within the service type. The third and fourth characters describe and specify options associated with the service. The Telephone Company abides by nationally accepted standards in its use of Network Channel Codes and are available from the Telephone Company upon request.* (C)

*Channel Interface Codes describe the electrical characteristics of the interface at the customer's premises. Compatible Channel Interface codes for the requested service must be specified by the customer when ordering the services. Channel Interface codes for each category of Special Access Service can be found in the Technical Reference Publications set forth in 7.2 preceding.* (C)

7.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
AB	-	accepts 20 Hz ringing signal at customer's point of termination
AC	-	accepts 20 Hz ringing signal at customer's end user's point of termination
AH	-	analog high capacity interface
	B	60 kHz to 108 kHz (12 channels)
	C	312 kHz to 552 kHz (60 channels)
	D	564 kHz to 3084 kHz (600 channels)
CT	-	Centrex Tie Trunk Termination
DA	-	data stream in VF frequency band at customer's end user's point of termination
DB	-	data stream in VF frequency band at customer's point of termination

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Special Access Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

Example: If the customer specifies a NT Network Channel Code and a 2DC8-3 Channel Interface at the customer's premises, the following is being requested:

- 2 = Number of physical wires at customer premises
- DC = Facility interface for direct current or voltage
- 8 = Variable impedance level

7.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
AB	-	accepts 20 Hz ringing signal at customer's point of termination
AC	-	accepts 20 Hz ringing signal at customer's end user's point of termination
AH	-	analog high capacity interface
	- B	60 kHz to 108 kHz (12 channels)
	- C	312 kHz to 552 kHz (60 channels)
	- D	564 kHz to 3084 kHz (600 channels)
CT	-	Centrex Tie Trunk Termination
DA	-	data stream in VF frequency band at customer's end user's point of termination
DB	-	data stream in VF frequency band at customer's point of termination

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State Executive, External Affairs

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Special Access Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

Example: If the customer specifies a NT Network Channel Code and a 2DC8-3 Channel Interface at the customer's premises, the following is being requested:

- 2 = Number of physical wires at customer premises
- DC = Facility interface for direct current or voltage
- 8 = Variable impedance level

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7.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
AB	-	accepts 20 Hz ringing signal at customer's point of termination
AC	-	accepts 20 Hz ringing signal at customer's end user's point of termination
AH	-	analog high capacity interface
	- B	60 kHz to 108 kHz (12 channels)
	- C	312 kHz to 552 kHz (60 channels)
	- D	564 kHz to 3084 kHz (600 channels)
CT	-	Centrex Tie Trunk Termination
DA	-	data stream in VF frequency band at customer's end user's point of termination
DB	-	data stream in VF frequency band at customer's point of termination
	- 10	VF for TGI and TG2
	- 43	VF for 43 Telegraph Carrier type signals, TGI and TG2.

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Special Access Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

Example: If the customer specifies a NT Network Channel Code and a 2DC8-3 Channel Interface at the customer's premises, the following is being requested:

- MT = Metallic Channel with a Predefined Technical Specification Package(1)
- 2 = Number of physical wires at customer premises
- DC = Facility interface for direct current or voltage
- 8 = Variable impedance level
- 3 = Metallic facilities (DC continuity for direct current/low frequency control signals or slow data (30 baud)

7.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
AB	-	accepts 20 Hz ringing signal at customer's point of termination
AC	-	accepts 20 Hz ringing signal at customer's end user's point of termination
AH	-	analog high capacity interface
	- B	60 kHz to 108 kHz (12 channels)
	- C	312 kHz to 552 kHz (60 channels)
	- D	564 kHz to 3084 kHz (600 channels)
CT	-	Centrex Tie Trunk Termination
DA	-	data stream in VF frequency band at customer's end user's point of termination
DB	-	data stream in VF frequency band at customer's point of termination
	- 10	VF for TG1 and TG2
	- 43	VF for 43 Telegraph Carrier type signal and TG2.

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DC	-	direct current or voltage
	- 1	monitoring interface with series RC combination (McCulloch format)
	- 2	Telephone Company energized alarm channel
DD	-	DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination
DE	-	DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination
DS	-	digital hierarchy interface
	- 15	1.544 Mbps (DS1) format plus D4
	- 15B	1.544 Mbps (DS1) format plus D4 with B8ZS clear channel capability
	- 15E	8-bit PCM encoded in one 64 kbps of the DS1 signal
	- 15F	8-bit PCM encoded in two 64 kbps of the DS1 signal
	- 15G	8-bit PCM encoded in three 64 kbps of the DS1 signal
	- 15H	14/11-bit PCM encoded in six 64 kbps of the DS1 signal
	- 15J	1.544 Mbps format
	- 15K	1.544 Mbps format plus extended framing format
	- 15L	1.544 Mbps (DS1) with SF signaling
	- 15S	1.544 Mbps using B8ZS line code and extended framing format
	- 27	274.176 Mbps (DS4)
	- 27L	274.176 Mbps (DS4) with SF signaling
	- 31	3.152 Mbps (DS1C)
	- 31L	3.152 Mbps (DS1C) with SF signaling
	- 44	44.736 Mbps (DS3)
	- 44L	44.736 Mbps (DS3) with SF signaling

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>	
DC	-	direct current or voltage	
	- 1	monitoring interface with series RC combination (McCulloch format)	
	- 2	Telephone Company energized alarm channel	
DD	-	DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination	
DE	-	DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination	
DS	-	digital hierarchy interface	
	- 15	1.544 Mbps (DS1) <i>format plus D4</i>	(C)
	- <b>15B</b>	<b>1.544 Mbps (DS1) format plus D4 with B8ZS clear channel capability</b>	(N)
	- 15E	8-bit PCM encoded in one 64 kbps of the DS1 signal	(N)
	- 15F	8-bit PCM encoded in two 64 kbps of the DS1 signal	
	- 15G	8-bit PCM encoded in three 64 kbps of the DS1 signal	
	- 15H	14/11-bit PCM encoded in six 64 kbps of the DS1 signal	
	- 15J	1.544 Mbps <i>format</i>	(C)
	- 15K	1.544 Mbps <i>format plus</i> extended framing format	(C)
	- 15L	1.544 Mbps (DS1) with SF signaling	
	- <b>15S</b>	<b>1.544 Mbps using B8ZS line code and extended framing format</b>	(N)
	- 27	274.176 Mbps (DS4)	(N)
	- 27L	274.176 Mbps (DS4) with SF signaling	
	- 31	3.152 Mbps (DS1C)	
	- 31L	3.152 Mbps (DS1C) with SF signaling	
	- 44	44.736 Mbps (DS3)	
	- 44L	44.736 Mbps (DS3) with SF signaling	

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

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7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DC	-	direct current or voltage
	- 1	monitoring interface with series RC combination (McCulloh format)
	- 2	Telephone Company energized alarm channel
DD	-	DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination
DE	-	DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination
DS	-	digital hierarchy interface
	- 15	1.544 Mbps (DS1) format per PUB 41451 plus D4
	- 15E	8-bit PCM encoded in one 64 kbps of the DS1 signal
	- 15F	8-bit PCM encoded in two 64 kbps of the DS1 signal
	- 15G	8-bit PCM encoded in three 64 kbps of the DS1 signal
	- 15H	14/11-bit PCM encoded in six 64 kbps of the DS1 signal
	- 15J	1.544 Mbps format per PUB 41451
	- 15K	1.544 Mbps format per PUB 41451 plus extended framing format
	- 15L	1.544 Mbps (DS1) with SF signaling
	- 27	274.176 Mbps (DS4)
	- 27L	274.176 Mbps (DS4) with SF signaling
	- 31	3.152 Mbps (DS1C)
	- 31L	3.152 Mbps (DS1C) with SF signaling
	- 44	44.736 Mbps (DS3)
	- 44L	44.736 Mbps (DS3) with SF signaling

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DC	-	direct current or voltage
	- 1	monitoring interface with series RC combination (McCulloh format)
	- 2	Telephone Company energized alarm channel
	- 3	Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed date (30 baud)
DD	-	DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination
DE	-	DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination
DS	-	digital hierarchy interface
	- 15	1.544 Mbps (DS1) format per PUB 41451 plus D4
	- 15E	8-bit PCM encoded in one 64 kbps of the DS1 signal
	- 15F	8-bit PCM encoded in two 64 kbps of the DS1 signal
	- 15G	8-bit PCM encoded in three 64 kbps of the DS1 signal
	- 15H	14/11-bit PCM encoded in six 64 kbps of the DS1 signal
	- 15J	1.544 Mbps format per PUB 41451
	- 15K	1.544 Mbps format per PUB 41451 plus extended framing format
	- 15L	1.544 Mbps (DS1) with SF signaling
	- 27	274.176 Mbps (DS4)
	- 27L	274.176 Mbps (DS4) with SF signaling
	- 31	3.152 Mbps (DS1C)
	- 31L	3.152 Mbps (DS1C) with SF signaling
	- 44	44.736 Mbps (DS3)
	- 44L	44.736 Mbps (DS3) with SF signaling

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7. Special Access Service (Cont'd)7.3 Channel Interface and Network Channel Codes (Cont'd)7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DU	-	digital access interface
	- 24	2.4 kbps
	- 48	4.8 kbps
	- 56	56.0 kbps
	- 64	64.0 kbps
	- 96	9.6 kbps
	- A	1.544 Mbps format
	- B	1.544 Mbps format plus D4
	- C	1.544 Mbps format plus extended framing format
	- D	1.544 Mbps format plus D4 with B8ZS clear channel capability
	- S	1.544 Mbps using B8ZS line code and extended framing format
DX	-	duplex signaling interface at customer's point of termination
DY	-	duplex signaling interface at customer's end user's point of termination
EA	- E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA	- M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB	- E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB	- M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC	-	Type III E&M signaling at customer POT
EX	- A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions
EX	- B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DU	-	digital access interface
	- 24	2.4 kbps
	- 48	4.8 kbps
	- 56	56.0 kbps
	- 64	64.0 kbps
	- 96	9.6 kbps
	- A	1.544 Mbps format
	- B	1.544 Mbps format plus D4
	- C	1.544 Mbps format plus extended framing format
	- D	1.544 Mbps format plus D4 with B8ZS clear channel capability
	- S	1.544 Mbps using B8ZS line code and extended framing format
DX	-	duplex signaling interface at customer's point of termination
DY	-	duplex signaling interface at customer's end user's point of termination
EA	- E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA	- M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB	- E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB	- M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC	-	Type III E&M signaling at customer POT
EX	- A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions
EX	- B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DS	- 63	6.312 Mbps (DS2)
	- 63L	6.312 Mbps (DS2) with SF signaling
DU	-	digital access interface
	- 24	2.4 kbps
	- 48	4.8 kbps
	- 56	56.0 kbps
	- 64	64.0 kbps
	- 96	9.6 kbps
	- A	1.544 Mbps <i>format</i>
	- B	1.544 Mbps <i>format plus D4</i>
	- C	1.544 Mbps <i>format plus</i> extended framing format
	- D	<b>1.544 Mbps format plus D4 with B8ZS clear channel capability</b>
	- S	<b>1.544 Mbps using B8ZS line code and extended framing format</b>
DX	-	duplex signaling interface at customer's point of termination
DY	-	duplex signaling interface at customer's end user's point of termination
EA	- E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA	- M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB	- E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB	- M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC	-	Type III E&M signaling at customer POT
EX	- A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions
EX	- B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions

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7.3 Channel Interface and Network Channel Codes (Cont'd)

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7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

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<u>Code</u>	<u>Option</u>	<u>Definition</u>
DS	- 63	6.312 Mbps (DS2)
	- 63L	6.312 Mbps (DS2) with SF signaling
DU	-	digital access interface
	- 24	2.4 kbps
	- 48	4.8 kbps
	- 56	56.0 kbps
	- 64	64.0 kbps
	- 96	9.6 kbps
	- A	1.544 Mbps format per PUB 41451
	- B	1.544 Mbps format per PUB 41451 plus D4
	- C	1.544 Mbps format per PUB 41451 plus extended framing format
DX	-	duplex signaling interface at customer's point of termination
DY	-	duplex signaling interface at customer's end user's point of termination
EA	- E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA	- M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB	- E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB	- M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC	-	Type III E&M signaling at customer POT
EX	- A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions
EX	- B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulse, etc.) functions

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

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7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DS	- 63	6.312 Mbps (DS2)
	- 63L	6.312 Mbps (DS2) with SF signaling
DU	-	digital access interface
	- 24	2.4 kbps
	- 48	4.8 kbps
	- 56	56.0 kbps
	- 96	9.6 kbps
	- A	1.544 Mbps format per PUB 41451
	- B	1.544 Mbps format per PUB 41451 plus D4
	- C	1.544 Mbps format per PUB 41451 plus extended framing format
DX	-	duplex signaling interface at customer's point of termination
DY	-	duplex signaling interface at customer's end user's point of termination
EA	- E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA	- M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB	- E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB	- M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC	-	Type III E&M signaling at customer POT
EX	- A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions
EX	- B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
GO	-	ground start loop signaling - open end function by customer or customer's end user
GS	-	ground start loop signaling - closed end function by customer or customer's end user
IA	-	E.I.A. (25 pin RS-232)
LA	-	end user loop start loop signaling – Type A OPS registered port open end
LB	-	end user loop start loop signaling – Type B OPS registered port open end
LC	-	end user loop start loop signaling – Type C OPS registered port open end
LO	-	loop start loop signaling - open end function by customer or customer's end user
LR	-	20 Hz automatic ringdown interface at customer POT with Telephone Company provided PLAR
LS	-	loop start loop signaling - closed end function by customer or customer's end user
NO	-	no signaling interface, transmission only
PG	-	program transmission - no dc signaling
	- 1	nominal frequency from 50 to 15000 Hz
	- 3	nominal frequency from 200 to 3500 Hz
	- 5	nominal frequency from 100 to 5000 Hz
	- 8	nominal frequency from 50 to 8000 Hz
PR	-	protective relaying*
RV	- 0	reverse battery signaling, one way operation, originate by customer
	- T	reverse battery signaling, one way operation, terminate function by customer or customer's end user
SF	-	single frequency signaling with VF band at either customer POT or customer's end user POT
TF	-	telephotograph interface
TT	-	teletypewriter interface at either customer POT or customer's end user POT

\* Available only for the transmission of audio tone protective signals used in the protection of electric power systems during fault conditions.

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
GO	-	ground start loop signaling - open end function by customer or customer's end user
GS	-	ground start loop signaling - closed end function by customer or customer's end user
IA	-	E.I.A. (25 pin RS-232)
LA	-	end user loop start loop signaling - Type A OPS registered port open end
LB	-	end user loop start loop signaling - Type B OPS registered port open end
LC	-	end user loop start loop signaling - Type C OPS registered port open end
LO	-	loop start loop signaling - open end function by customer or customer's end user
LR	-	20 Hz automatic ringdown interface at customer POT with Telephone Company provided PLAR
LS	-	loop start loop signaling - closed end function by customer or customer's end user
NO	-	no signaling interface, transmission only
PG	-	program transmission - no dc signaling
	- 1	nominal frequency from 50 to 15000 Hz
	- 3	nominal frequency from 200 to 3500 Hz
	- 5	nominal frequency from 100 to 5000 Hz
	- 8	nominal frequency from 50 to 8000 Hz
PR	-	protective relaying*
RV	- 0	reverse battery signaling, one way operation, originate by customer
	- T	reverse battery signaling, one way operation, terminate function by customer or customer's end user
SF	-	single frequency signaling with VF band at either customer POT or customer's end user POT
TF	-	telephotograph interface
TT	-	teletypewriter interface at either customer POT or customer's end user POT (C)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
GO	-	ground start loop signaling - open end function by customer or customer's end user
GS	-	ground start loop signaling - closed end function by customer or customer's end user
IA	-	E.I.A. (25 pin RS-232)
LA	-	end user loop start loop signaling - Type A OPS registered port open end
LB	-	end user loop start loop signaling - Type B OPS registered port open end
LC	-	end user loop start loop signaling - Type C OPS registered port open end
LO	-	loop start loop signaling - open end function by customer or customer's end user
LR	-	20 Hz automatic ringdown interface at customer POT with Telephone Company provided PLAR
LS	-	loop start loop signaling - closed end function by customer or customer's end user
NO	-	no signaling interface, transmission only
PG	-	program transmission - no dc signaling
	- 1	nominal frequency from 50 to 15000 Hz
	- 3	nominal frequency from 200 to 3500 Hz
	- 5	nominal frequency from 100 to 5000 Hz
	- 8	nominal frequency from 50 to 8000 Hz
PR	-	protective relaying*
RV	- 0	reverse battery signaling, one way operation, originate by customer
	- T	reverse battery signaling, one way operation, terminate function by customer or customer's end user
SF	-	single frequency signaling with VF band at either customer POT or customer's end user POT
TF	-	telephotograph interface
TT	-	telegraph/teletypewriter interface at either customer POT or customer's end user POT

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\* Available only for the transmission of audio tone protective signals used in the protection of electric power systems during fault conditions.

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ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
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NOV 7 1992

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
TT	- 2	20.0 milliamperes
	- 3	3.0 milliamperes
	- 6	62.5 milliamperes

ISSUED:  
March 30, 2007

Mark D. Harper  
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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

Service Commission

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
TT	- 2	20.0 milliamperes
	- 3	3.0 milliamperes
	- 6	62.5 milliamperes

(D)  
|  
(D)

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ISSUED:  
July 2, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>	
TT	- 2	20.0 milliamperes	
	- 3	3.0 milliamperes	
	- 6	62.5 milliamperes	
TV	-	television interface	
	- 1	combined (diplexed) video and one audio signal	
	- 2	combined (diplexed) video and two audio signals	
	- 5	video plus <b>up to four</b> audio 5 kHz signal(s) or one (or two) two wire	(C)
	- 15	video plus <b>up to four</b> audio 15 kHz signal(s)	(C)

**CANCELLED**

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By *3rd RS 334*  
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ISSUED:  
November 29, 2000

Richard D. Lawson  
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319 Madison  
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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
TT	- 2	20.0 milliamperes
	- 3	3.0 milliamperes
	- 6	62.5 milliamperes
TV	-	television interface
	- 1	combined (diplexed) video and one audio signal
	- 2	combined (diplexed) video and two audio signals
	- 5	video plus one (or two) audio 5 kHz signal(s) or one (or two) two wire
	- 15	video plus one (or two) audio 15 kHz signal(s)

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

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7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
TT	- 2	20.0 milliamperes
	- 3	3.0 milliamperes
	- 6	62.5 milliamperes
TV	-	television interface
	- 1	combined (diplexed) video and one audio signal
	- 2	combined (diplexed) video and two audio signals
	- 5	video plus one (or two) audio 5 kHz signal(s) or one (or two) two wire
	- 15	video plus one (or two) audio 15 kHz signal(s)
WA	-	wideband bandwidth interface at customer's end user POT
	- 1	limited bandwidth
	- 2	nominal passband from 29000 to 44000 Hz
WB	-	wideband data interface at customer POT
	- 18S	18.75 kbps, synchronous
	- 19A	up to 19.2 kbps, asynchronous
	- 19S	19.2 kbps, synchronous
	- 23A	up to 230.4 kbps, asynchronous
	- 23S	230.4 kbps, synchronous
	- 40S	40.8 kbps, synchronous
	- 50A	up to 50.0 kbps, asynchronous
	- 50S	50.0 kbps, synchronous
WC	-	wideband data interface at customer's end user POT
	- 18	18.75 kbps, synchronous
	- 19	for 12-wire interface: 19.2 kbps, synchronous for 10-wire interface: up to 19.2 kbps, asynchronous
	- 23	up to 230.4 kbps, asynchronous
	- 23S	230.4 kbps, synchronous

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.2 Impedance

The nominal reference impedance with which the channel will be terminated for the purpose of evaluating transmission performance:

<u>Value (ohms)</u>	<u>Code(s)</u>
110	0
150	1
600	2
900	3+
135	5
75	6
124	7
Variable	8
100	9

- + For those interface codes with a 4-wire transmission path at the customer designated POT, rather than a standard 900 ohm impedance, the code (3) denotes a customer provided transmission equipment termination. Such terminations were provided to customers in accordance with F.C.C. Docket No. 20099 Settlement Agreement.

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

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7.3.2 Impedance

The nominal reference impedance with which the channel will be terminated for the purpose of evaluating transmission performance:

<u>Value (ohms)</u>	<u>Code(s)</u>
110	0
150	1
600	2
900	3+
135	5
75	6
124	7
Variable	8
100	9

+ For those interface codes with a 4-wire transmission path at the customer designated POT, rather than a standard 900 ohm impedance, the code (3) denotes a customer provided transmission equipment termination. Such terminations were provided to customers in accordance with F.C.C. Docket No. 20099 Settlement Agreement.

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

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7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
WC	- 40	40.8 kbps, synchronous
	- 50	for 12-wire interface: 50.0 kbps, synchronous for 10-wire interface: up to 50.0 kbps, asynchronous
WD	-	wideband bandwidth interface at customer POT
	- 1	nominal passband from 300 to 18000 Hz
	- 2	nominal passband from 28000 to 44000 Hz
	- 3	nominal passband from 29000 to 44000 Hz

7.3.2 Impedance

The nominal reference impedance with which the channel will be terminated for the purpose of evaluating transmission performance:

<u>Value (ohms)</u>	<u>Code(s)</u>
110	0
150	1
600	2
900	3+
135	5
75	6
124	7
Variable	8
100	9

+ For those interface codes with a 4-wire transmission path at the customer designated POT, rather than a standard 900 ohm impedance, the code (3) denotes a customer provided transmission equipment termination. Such terminations were provided to customers in accordance with F.C.C. Docket No. 20099 Settlement Agreement.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.3 Digital Hierarchy Channel Interface Codes (4DS)

Customers selecting the multiplexed four-wire DS1 or higher facility interface option at the customer designated premises will be requested to provide subsequent system and channel assignment data. The various digital bit rates in the digital hierarchy employ the channel interface code 4DS9, 4DSO or 4DS6, plus the speed option is indicated below:

<u>Interface Code and Speed Option</u>	<u>Nominal Bit Rate (Mbps)</u>	<u>Digital Hierarchy Level</u>
4DS9-15	1.544	DS1
4DS9-31	3.152	DS1C
4DS6-44	44.736	DS3

7.3.4 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g., VGC, DA1, etc.) and the network channel codes that are used for various administrative purposes:

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd) Service Commission

7.3.3 Digital Hierarchy Channel Interface Codes (4DS)

Customers selecting the multiplexed four-wire DS1 or higher facility interface option at the customer designated premises will be requested to provide subsequent system and channel assignment data. The various digital bit rates in the digital hierarchy employ the channel interface code 4DS9, 4DSO or 4DS6, plus the speed option is indicated below:

<u>Interface Code and Speed Option</u>	<u>Nominal Bit Rate (Mbps)</u>	<u>Digital Hierarchy Level</u>
4DS9-15	1.544	DS1
4DS9-31	3.152	DS1C
4DS6-44	44.736	DS3

(D)

(D)

7.3.4 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g., VGC, DA1, etc.) and the network channel codes that are used for various administrative purposes:

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ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.3 Digital Hierarchy Channel Interface Codes (4DS)

Customers selecting the multiplexed four-wire DS1 or higher facility interface option at the customer designated premises will be requested to provide subsequent system and channel assignment data. The various digital bit rates in the digital hierarchy employ the channel interface code 4DS9, 4DS0 or 4DS6, plus the speed option is indicated below:

<u>Interface Code and Speed Option</u>	<u>Nominal Bit Rate (Mbps)</u>	<u>Digital Hierarchy Level</u>
4DS9-15	1.544	DS1
4DS9-31	3.152	DS1C
4DS0-63	6.312	DS2
4DS6-44	44.736	DS3
4DS6-27	274.176	DS4

7.3.4 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g., VGC, DAL, etc.) and the network channel codes that are used for various administrative purposes:

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State Executive, External Affairs

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd) MO. PUBLIC SERVICE COMM.

7.3.3 Digital Hierarchy Channel Interface Codes (4DS)

Customers selecting the multiplexed four-wire DS1 or higher facility interface option at the customer designated premises will be requested to provide subsequent system and channel assignment data. The various digital bit rates in the digital hierarchy employ the channel interface code 4DS9, 4DS0 or 4DS6, plus the speed option is indicated below:

<u>Interface Code and Speed Option</u>	<u>Nominal Bit Rate (Mbps)</u>	<u>Digital Hierarchy Level</u>
4DS9-15	1.544	DS1
4DS9-31	3.152	DS1C
4DS0-63	6.312	DS2
4DS6-44	44.736	DS3
4DS6-27	274.176	DS4

7.3.4 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g., VGC, TG1, etc.) and the network channel codes that are used for various administrative purposes:

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September 17, 1992

BY: John L. Roe  
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5454 West 110th Street  
Overland Park, Kansas 66211

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.4 Service Designator/Network Channel Code Conversion Table (Cont'd)

<u>Service Designator Code</u>	<u>Network Channel Code</u>
VGC	LQ
VG1	LB
VG2	LC
VG3	LD
VG4	LE
VG5	LF
VG6	LG
VG7	LH
VG8	LJ
VG9	LK
VG10	LN
VG11	LP
VG12	LR
APC	PQ
AP1	PE
AP2	PF
AP3	PJ
AP4	PK
TVC	TQ
TV1	TV
TV2	TW

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Mark D. Harper  
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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.4 Service Designator/Network Channel Code Conversion Table (Cont'd)

<u>Service Designator Code</u>	<u>Network Channel Code</u>
------------------------------------	---------------------------------

(D)

(D)

VGC	LQ
VG1	LB
VG2	LC
VG3	LD
VG4	LE
VG5	LF
VG6	LG
VG7	LH
VG8	LJ
VG9	LK
VG10	LN
VG11	LP
VG12	LR
APC	PQ
AP1	PE
AP2	PF
AP3	PJ
AP4	PK
TVC	TQ
TV1	TV
TV2	TW

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.4 Service Designator/Network Channel Code Conversion Table (Cont'd)

<u>Service Designator Code</u>	<u>Network Channel Code</u>
MTC	MQ
MT1	NT
MT2	NU
MT3	NV
TGC	NQ
TG1	NW
TG2	NY
VGC	LQ
VG1	LB
VG2	LC
VG3	LD
VG4	LE
VG5	LF
VG6	LG
VG7	LH
VG8	LJ
VG9	LK
VG10	LN
VG11	LP
VG12	LR
APC	PQ
AP1	PE
AP2	PF
AP3	PJ
AP4	PK
TVC	TQ
TV1	TV
TV2	TW

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MO. PUBLIC SERVICE COMM.

ISSUED:  
September 17, 1992

BY: John L. Roe  
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.4 Service Designator/Network Channel Code Conversion Table (Cont'd)

<u>Service Designator Code</u>	<u>Network Channel Code</u>
DA1	XA
DA2	XB
DA3	XG
DA4	XH
HCO	HS
HC1	HC
HC1C	HD
HC2	HE
HC3	HF
HC4	HG
WAL	SE

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces

The following tables show the channel interface codes (CIs) which are compatible:

(A) Reserved for Future Use

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

REC'D SEP 10 1999

7.3.5 Compatible Channel Interfaces

The following tables show the channel interface codes  
(CIs) which are compatible:

(A) Reserved For Future Use

(C)

(D)

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces

The following tables show the channel interface codes (CIs) which are compatible:

(A) Metallic

<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AH5-B	2DC8-1	4AH6-D	2DC8-2
4AH5-B	2DC8-2	2DC8-1	2DC8-2
4AH6-C	2DC8-1	2DC8-3	2DC8-3
4AH6-C	2DC8-2	4DS9-*	2DC8-1
4AH6-D	2DC8-1	4DS9-*	2DC8-2

\* See 7.3.3 preceding for explanation.

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ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.3 Channel Interface and Network Channel Codes (Cont'd)
    - 7.3.5 Compatible Channel Interfaces (Cont'd)
      - (B) Reserved for Future Use

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Director - State Regulatory  
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ACCESS SERVICE

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(B) Reserved For Future Use

(C)

(D)

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(B) Telegraph Grade

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
		4AH6-D	2TT2-2		
		4AH6-D	4TT2-2		
4AH5-B	10LA8	4AH6-D	2TT2-6		
4AH5-B	2TT2-2	4AH6-D	4TT2-6		
4AH5-B	4TT2-2	2DB2-10	10LA8	4DS9-*	10LA8
4AH5-B	2TT2-6	2DB2-10	2TT2-2	4DS9-*	2TT2-2
4AH5-B	4TT2-6	2DB2-10	4TT2-2	4DS9-*	4TT2-2
		2DB2-43+	10LA8	4DS9-*	2TT2-6
		2DB2-43+	2TT2-2	4DS9-*	4TT2-6
4AH6-C	10IA8	2DB2-43+	2TT2-6	2TT2-2	2TT2-2
4AH6-C	2TT2-2	2DB2-43+	4TT2-2	2TT2-3	2TT2-2
4AH6-C	4TT2-2	4DB2-10	10IA8	2TT2-3	4TT2-2
4AH6-C	2TT2-6	4DB2-10	2TT2-2	2TT2-6	2TT2-6
4AH6-C	4TT2-6	4DB2-10	4TT2-2	2TT2-6	4TT2-2
		4DB2-43+	10IA8	4TT2-2	4TT2-2
		4DB2-43+	2TT2-6	4TT2-6	2TT2-6
4AH6-D	10IA8	4DB2-43+	4TT2-2		

\* See 7.3.3 preceding for explanation.

+ Supplemental Channel Assignment information required.

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AB2	4AB2				
4AB2	4AC2	4AH5-B	6DA2	4AH6-D	2DY2
4AB3	4AC2	4AH5-B	4DA2	4AH6-C	9DY2
4AB2	2AC2	4AH5-B	2DA2	4AH6-C	9DY3
4AB3	2AC2			4AH6-C	6DY2
2AB2	2AC2	4AH6-D	4DE2	4AH6-C	6DY3
2AB3	2AC2	4AH6-C	4DE2	4AH6-C	4DY2
		4AH5-B	4DE2	4AH6-C	2DY2
4AB2	4SF2	4AH6-D	2DE2	4AH5-B	9DY2
4AB3	4SF2	4AH6-C	2DE2	4AH5-B	9DY3
		4AH5-B	2DE2	4AH5-B	6DY2
4AH6-D	4AC2			4AH5-B	6DY3
4AH6-D	2AC2	4AH6-D	4DX3	4AH5-B	4DY2
4AH6-C	4AC2	4AH6-C	4DX3	4AH5-B	2DY2
4AH6-C	2AC2	4AH5-B	4DX3		
4AH5-B	4AC2	4AH6-D	4DX2	4AH6-D	9EA2
4AH5-B	2AC2	4AH6-C	4DX2	4AH6-D	9EA3
		4AH5-B	4DX2	4AH6-D	6EA2-E
4AH6-D	2CT3			4AH6-D	6EA2-M
4AH6-C	2CT3	4AH6-D	9DY2	4AH6-D	4EA2-E
4AH5-B	2CT3	4AH6-D	9DY3	4AH6-D	4EA2-M
4AH6-D	6DA2	4AH6-D	6DY2	4AH6-C	9EA2
4AH6-D	4DA2	4AH6-D	6DY3	4AH6-C	9EA3
4AH6-D	2DA2	4AH6-D	4DY2	4AH6-C	6EA2-E
4AH6-C	6DA2				
4AH6-C	4DA2				
4AH6-C	2DA2				

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AB2	4AB2				
4AB2	4AC2	4AH5-B	6DA2	4AH6-D	2DY2
4AB3	4AC2	4AH5-B	4DA2	4AH6-C	9DY2
4AB2	2AC2	4AH5-B	2DA2	4AH6-C	9DY3
4AB3	2AC2			4AH6-C	6DY2
2AB2	2AC2	4AH6-D	4DE2	4AH6-C	6DY3
2AB3	2AC2	4AH6-C	4DE2	4AH6-C	4DY2
		4AH5-B	4DE2	4AH6-C	2DY2
4AB2	4SF2	4AH6-D	2DE2	4AH5-B	9DY2
4AB3	4SF2	4AH6-C	2DE2	4AH5-B	9DY3
		4AH5-B	2DE2	4AH5-B	6DY2
4AH6-D	4AC2			4AH5-B	6DY3
4AH6-D	2AC2	4AH6-D	4DX3	4AH5-B	4DY2
4AH6-C	4AC2	4AH6-C	4DX3	4AH5-B	2DY2
4AH6-C	2AC2	4AH5-B	4DX3		
4AH5-B	4AC2	4AH6-D	4DX2	4AH6-D	9EA2
4AH5-B	2AC2	4AH6-C	4DX2	4AH6-D	9EA3
		4AH5-B	4DX2	4AH6-D	6EA2-E
4AH6-D	2CT3			4AH6-D	6EA2-M
4AH6-C	2CT3	4AH6-D	9DY2	4AH6-D	4EA2-E
4AH5-B	2CT3	4AH6-D	9DY3	4AH6-D	4EA2-M
4AH6-D	6DA2	4AH6-D	6DY2	4AH6-C	9EA2
4AH6-D	4DA2	4AH6-D	6DY3	4AH6-C	9EA3
4AH6-D	2DA2	4AH6-D	4DY2	4AH6-C	6EA2-E
4AH6-C	6DA2				
4AH6-C	4DA2				
4AH6-C	2DA2				

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AH6-C	6EA2-M	4AH6-D	6GS2	4AH6-D	2LO2
4AH6-C	4EA2-E	4AH6-D	4GS2	4AH6-C	2LO3
4AH6-C	4EA2-M	4AH6-D	2GS3	4AH6-C	2LO2
4AH5-B	9EA2	4AH6-D	2GS2	4AH5-B	2LO3
4AH5-B	9EA3	4AH6-C	6GS2	4AH5-B	2LO2
4AH5-B	6EA2-E	4AH6-C	4GS2		
4AH5-B	6EA2-M	4AH6-C	2GS3	4AH6-D	4LR2
4AH5-B	4EA2-E	4AH6-C	2GS2	4AH6-D	2LR2
4AH5-B	4EA2-M	4AH5-B	6GS2	4AH6-C	4LR2
		4AH5-B	4GS2	4AH6-C	2LR2
4AH6-D	8EB2-E	4AH5-B	2GS3	4AH5-B	4LR2
4AH6-D	8EB2-M	4AH5-B	2GS2	4AH5-B	2LR2
4AH6-D	6EB2-E				
4AH6-D	6EB2-M	4AH6-D	2LA2	4AH6-D	6LS2
4AH6-C	8EB2-E	4AH6-C	2LA2	4AH6-D	4LS2
4AH6-C	8EB2-M	4AH5-B	2LA2	4AH6-D	2LS2
4AH6-C	6EB2-E			4AH6-D	2LS3
4AH6-C	6EB2-M	4AH6-D	2LB2	4AH6-C	6LS2
4AH5-B	8EB2-E	4AH6-C	2LB2	4AH6-C	4LS2
4AH5-B	8EB2-M	4AH5-B	2LB2	4AH6-C	2LS2
4AH5-B	6EB2-E			4AH6-C	2LS3
4AH5-B	6EB2-M	4AH6-D	2LC2	4AH5-B	6LS2
		4AH6-C	2LC2	4AH5-B	4LS2
4AH6-D	2GO2	4AH5-B	2LC2	4AH5-B	2LS2
4AH6-D	2GO3			4AH5-B	2LS3
4AH6-C	2GO2	4AH6-D	2LO3		
4AH6-C	2GO3				
4AH5-B	2GO2				
4AH5-B	2GO3				

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AH6-C	6EA2-M	4AH6-D	6GS2	4AH6-D	2LO2
4AH6-C	4EA2-E	4AH6-D	4GS2	4AH6-C	2LO3
4AH6-C	4EA2-M	4AH6-D	2GS3	4AH6-C	2LO2
4AH5-B	9EA2	4AH6-D	2GS2	4AH5-B	2LO3
4AH5-B	9EA3	4AH6-C	6GS2	4AH5-B	2LO2
4AH5-B	6EA2-E	4AH6-C	4GS2		
4AH5-B	6EA2-M	4AH6-C	2GS3	4AH6-D	4LR2
4AH5-B	4EA2-E	4AH6-C	2GS2	4AH6-D	2LR2
4AH5-B	4EA2-M	4AH5-B	6GS2	4AH6-C	4LR2
		4AH5-B	4GS2	4AH6-C	2LR2
4AH6-D	8EB2-E	4AH5-B	2GS3	4AH5-B	4LR2
4AH6-D	8EB2-M	4AH5-B	2GS2	4AH5-B	2LR2
4AH6-D	6EB2-E				
4AH6-D	6EB2-M	4AH6-D	2LA2	4AH6-D	6LS2
4AH6-C	8EB2-E	4AH6-C	2LA2	4AH6-D	4LS2
4AH6-C	8EB2-M	4AH5-B	2LA2	4AH6-D	2LS2
4AH6-C	6EB2-E			4AH6-D	2LS3
4AH6-C	6EB2-M	4AH6-D	2LB2	4AH6-C	6LS2
4AH5-B	8EB2-E	4AH6-C	2LB2	4AH6-C	4LS2
4AH5-B	8EB2-M	4AH5-B	2LB2	4AH6-C	2LS2
4AH5-B	6EB2-E			4AH6-C	2LS3
4AH5-B	6EB2-M	4AH6-D	2LC2	4AH5-B	6LS2
		4AH6-C	2LC2	4AH5-B	4LS2
4AH6-D	2G02	4AH5-B	2LC2	4AH5-B	2LS2
4AH6-D	2G03			4AH5-B	2LS3
4AH6-C	2G02	4AH6-D	2LO3		
4AH6-C	2G03				
4AH5-B	2G02				
4AH5-B	2G03				

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AH6-D	4NO2	4AH6-D	4TF2	2CT3	6EB2-E
4AH6-D	2NO2	4AH6-D	2TF2	2CT3	6EB2-M
4AH6-C	4NO2	4AH6-C	4TF2	2CT3	6EB3-E
4AH6-C	2NO2	4AH6-C	2TF2		
4AH5-B	4NO2	4AH5-B	4TF2	2CT3	8EB2-E
4AH5-B	2NO2	4AH5-B	2TF2	2CT3	8EB2-M
		2CT3	2CT3		
4AH6-D	4PR2	2CT3	4DS9-*	2CT3	8EC2
4AH6-D	2PR2				
4AH6-C	4PR2	2CT3	6DX2	2CT3	4SF2
4AH6-C	2PR2	2CT3	4DX2	2CT3	4SF3
4AH5-B	4PR2	2CT3	4DX3		
4AH5-B	2PR2				
4AH6-D	4RV2-T	2CT3	9DY3		
4AH6-D	2RV2-T	2CT3	6DY3		
4AH6-C	4RV2-T	2CT3	9DY2		
4AH6-C	2RV2-T	2CT3	6DY2		
4AH5-B	4RV2-T	2CT3	4DY2		
4AH5-B	2RV2-T	2CT3	2DY2		
4AH6-D	4SF2	2CT3	9EA3		
4AH6-C	4SF2	2CT3	9EA2		
4AH5-B	4SF2	2CT3	6EA2-E		
4AH6-D	4SF3	2CT3	6EA2-M		
4AH6-C	4SF3	2CT3	4EA2-E		
4AH5-B	4SF3	2CT3	4EA2-M		

\* See 7.3.3 preceding for explanation.

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AH6-D	4NO2	4AH6-D	4TF2	2CT3	6EB2-E
4AH6-D	2NO2	4AH6-D	2TF2	2CT3	6EB2-M
4AH6-C	4NO2	4AH6-C	4TF2	2CT3	6EB3-E
4AH6-C	2NO2	4AH6-C	2TF2		
4AH5-B	4NO2	4AH5-B	4TF2	2CT3	8EB2-E
4AH5-B	2NO2	4AH5-B	2TF2	2CT3	8EB2-M
		2CT3	2CT3		
4AH6-D	4PR2	2CT3	4DS9-*	2CT3	8EC2
4AH6-D	2PR2				
4AH6-C	4PR2	2CT3	6DX2	2CT3	4SF2
4AH6-C	2PR2	2CT3	4DX2	2CT3	4SF3
4AH5-B	4PR2	2CT3	4DX3		
4AH5-B	2PR2				
4AH6-D	4RV2-T	2CT3	9DY3		
4AH6-D	2RV2-T	2CT3	6DY3		
4AH6-C	4RV2-T	2CT3	9DY2		
4AH6-C	2RV2-T	2CT3	6DY2		
4AH5-B	4RV2-T	2CT3	4DY2		
4AH5-B	2RV2-T	2CT3	2DY2		
4AH6-D	4SF2	2CT3	9EA3		
4AH6-C	4SF2	2CT3	9EA2		
4AH5-B	4SF2	2CT3	6EA2-E		
4AH6-D	4SF3	2CT3	6EA2-M		
4AH6-C	4SF3	2CT3	4EA2-E		
4AH5-B	4SF3	2CT3	4EA2-M		

\* See 7.3.3 preceding for explanation.

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>	
		4DS9-*	4AC2
		4DS9-*	2AC2
		4DS9-*	6DA2
		4DS9-*	4DA2
		4DS9-*	2DA2
6DA2	6DA2	4DS9-*	4DE2
6DA2	4DA2	4DS9-*	2DE2
6DA2	2DA2		
4DA2	4DA2		
4DA2	2DA2		
2DA2	2DA2		
		4DS9-*	4DX3
4DB2	6DA2	4DS9-*	4DX2
4DB2	4DA2		
4DB2	2DA2	4DS9-*	9DY3
2DB3	2DA2	4DS9-*	9DY2
2DB2	2DA2	4DS9-*	6DY3
4DB2	4DB2	4DS9-*	6DY2
4DB2	4NO2	4DS9-*	4DY2
4DB2	2NO2	4DS9-*	2DY2
2DB2	2NO2		
		4DS9-*	9EA2
4DB2	4PR2	4DS9-*	9EA3
4DB2	2PR2	4DS9-*	6EA2-E
2DB2	2PR2	4DS9-*	6EA2-M
		4DS9-*	4EA2-E
4DD3	4DE2	4DS9-*	4EA2-M
4DD3	2DE2		

\* See 7.3.3 preceding for explanation.

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>	
		4DS9-*	4AC2
		4DS9-*	2AC2
		4DS9-*	6DA2
		4DS9-*	4DA2
		4DS9-*	2DA2
6DA2	6DA2	4DS9-*	4DE2
6DA2	4DA2	4DS9-*	2DE2
6DA2	2DA2		
4DA2	4DA2		
4DA2	2DA2		
2DA2	2DA2		
		4DS9-*	4DX3
4DB2	6DA2	4DS9-*	4DX2
4DB2	4DA2		
4DB2	2DA2	4DS9-*	9DY3
2DB3	2DA2	4DS9-*	9DY2
2DB2	2DA2	4DS9-*	6DY3
4DB2	4DB2	4DS9-*	6DY2
4DB2	4NO2	4DS9-*	4DY2
4DB2	2NO2	4DS9-*	2DY2
2DB2	2NO2		
		4DS9-*	9EA2
4DB2	4PR2	4DS9-*	9EA3
4DB2	2PR2	4DS9-*	6EA2-E
2DB2	2PR2	4DS9-*	6EA2-M
		4DS9-*	4EA2-E
4DD3	4DE2	4DS9-*	4EA2-M
4DD3	2DE2		

\* See 7.3.3 preceding for explanation.

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DS9-*	8EB2-E	4DS9-*	4NO2	4DX3	9DY2
4DS9-*	8EB2-M	4DS9-*	2NO2	4DX2	6DY3
4DS9-*	6EB2-E			4DX3	6DY3
4DS9-*	6EB2-M	4DS9-*	4PR2	4DX2	6DY2
		4DS9-*	2PR2	4DX3	6DY2
4DS9-*	2GO2			4DX2	4DY2
4DS9-*	2G03	4DS9-*	4RV2-T	4DX3	4DY2
4DS9-*	6GS2	4DS9-*	2RV2-T	4DX2	2DY2
4DS9-*	4GS2			4DX3	2DY2
4DS9-*	2GS2	4DS9-*	4SF2		
4DS9-*	2GS3	4DS9-*	4SF3	6DX2	9EA3
				6DX2	9EA2
4DS9-*	2LA2	4DS9-*	4TF2	6DX2	6EA2-E
		4DS9-*	2TF2	6DX2	6EA2-M
4DS9-*	2LB2			6DX2	4EA2-E
		4DX2	4DX2	6DX2	4EA2-M
4DS9-*	2LC2	4DX3	4DX2	4DX2	9EA2
		4DX3	4DX3	4DX3	9EA2
4DS9-*	2LO2			4DX2	9EA3
4DS9-*	2LO3	6DX2	9DY3	4DX3	9EA3
		6DX2	9DY2	4DX2	6EA2-E
4DS9-*	4LR2	6DX2	6DY3	4DX3	6EA2-E
4DS9-*	2LR2	6DX2	6DY2	4DX2	6EA2-M
		6DX2	4DY2	4DX3	6EA2-M
4DS9-*	6LS2	6DX2	2DY2	4DX2	4EA2-E
4DS9-*	4LS2	4DX2	9DY3	4DX3	4EA2-E
4DS9-*	2LS2	4DX3	9DY3	4DX2	4EA2-M
4DS9-*	2LS3	4DX2	9DY2	4DX3	4EA2-M

\* See 7.3.3 preceding for explanation.

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DS9-*	8EB2-E	4DS9-*	4NO2	4DX3	9DY2
4DS9-*	8EB2-M	4DS9-*	2NO2	4DX2	6DY3
4DS9-*	6EB2-E			4DX3	6DY3
4DS9-*	6EB2-M	4DS9-*	4PR2	4DX2	6DY2
		4DS9-*	2PR2	4DX3	6DY2
4DS9-*	2G02			4DX2	4DY2
4DS9-*	2G03	4DS9-*	4RV2-T	4DX3	4DY2
4DS9-*	6GS2	4DS9-*	2RV2-T	4DX2	2DY2
4DS9-*	4GS2			4DX3	2DY2
4DS9-*	2GS2	4DS9-*	4SF2		
4DS9-*	2GS3	4DS9-*	4SF3	6DX2	9EA3
				6DX2	9EA2
4DS9-*	2LA2	4DS9-*	4TF2	6DX2	6EA2-E
		4DS9-*	2TF2	6DX2	6EA2-M
4DS9-*	2LB2			6DX2	4EA2-E
		4DX2	4DX2	6DX2	4EA2-M
4DS9-*	2LC2	4DX3	4DX2	4DX2	9EA2
		4DX3	4DX3	4DX3	9EA2
4DS9-*	2LO2			4DX2	9EA3
4DS9-*	2LO3	6DX2	9DY3	4DX3	9EA3
		6DX2	9DY2	4DX2	6EA2-E
4DS9-*	4LR2	6DX2	6DY3	4DX3	6EA2-E
4DS9-*	2LR2	6DX2	6DY2	4DX2	6EA2-M
		6DX2	4DY2	4DX3	6EA2-M
4DS9-*	6LS2	6DX2	2DY2	4DX2	4EA2-E
4DS9-*	4LS2	4DX2	9DY3	4DX3	4EA2-E
4DS9-*	2LS2	4DX3	9DY3	4DX2	4EA2-M
4DS9-*	2LS3	4DX2	9DY2	4DX3	4EA2-M

\* See 7.3.3 preceding for explanation.

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BY: John L. Roe  
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6DX2	8EB2-E	4DX2	6LS2	9DY2	6DY3
6DX2	8EB2-M	4DX3	6LS2	9DY3	4DY2
6DX2	6EB2-E	4DX3	4LS2	9DY2	4DY2
6DX2	6EB2-M	4DX2	4LS2	9DY2	2DY2
4DX2	8EB2-E	4DX3	2LS3	9DY3	2DY2
4DX2	8EB2-M	4DX2	2LS3	6DY3	6DY3
4DX3	8EB2-E	4DX3	2LS2	6DY3	6DY2
4DX3	8EB2-M	4DX2	2LS2	6DY2	6DY2
4DX2	6EB2-E	2DX3	2LS2	6DY3	4DY2
4DX2	6EB2-M	2DX3	2LS3	6DY3	2DY2
4DX3	6EB2-E			6DY2	4DY2
4DX3	6EB2-M	4DX3	4RV2-T	6DY2	2DY2
		4DX2	4RV2-T	4DY2	2DY2
4DX2	2LA2	4DX3	2RV2-T	4DY2	4DY2
4DX3	2LA2	4DX2	2RV2-T	2DY2	2DY2
2DX3	2LA2			6EA2-E	4AC2
		6DX2	4SF2	6EA2-M	4AC2
4DX2	2LB2	4DX2	4SF2	6EA2-E	2AC2
4DX3	2LB2	4DX3	4SF2	6EA2-M	2AC2
2DX3	2LB2	4DX2	4SF3		
		4DX3	4SF3	9EA2	9DY3
4DX2	2LC2			9EA2	9DY2
4DX3	2LC2	9DY3	9DY3	9EA2	6DY3
2DX3	2LC2	9DY3	9DY2	9EA2	6DY2
		9DY2	9DY2	9EA2	4DY2
4DX2	2LO3	9DY3	6DY3	9EA2	2DY2
4DX3	2LO3	9DY3	6DY2	9EA3	9DY3
2DX3	2LO3	9DY2	6DY2		

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6DX2	8EB2-E	4DX2	6LS2	9DY2	6DY3
6DX2	8EB2-M	4DX3	6LS2	9DY3	4DY2
6DX2	6EB2-E	4DX3	4LS2	9DY2	4DY2
6DX2	6EB2-M	4DX2	4LS2	9DY2	2DY2
4DX2	8EB2-E	4DX3	2LS3	9DY3	2DY2
4DX2	8EB2-M	4DX2	2LS3	6DY3	6DY3
4DX3	8EB2-E	4DX3	2LS2	6DY3	6DY2
4DX3	8EB2-M	4DX2	2LS2	6DY2	6DY2
4DX2	6EB2-E	2DX3	2LS2	6DY3	4DY2
4DX2	6EB2-M	2DX3	2LS3	6DY3	2DY2
4DX3	6EB2-E			6DY2	4DY2
4DX3	6EB2-M	4DX3	4RV2-T	6DY2	2DY2
		4DX2	4RV2-T	4DY2	2DY2
4DX2	2LA2	4DX3	2RV2-T	4DY2	4DY2
4DX3	2LA2	4DX2	2RV2-T	2DY2	2DY2
2DX3	2LA2			6EA2-E	4AC2
		6DX2	4SF2	6EA2-M	4AC2
4DX2	2LB2	4DX2	4SF2	6EA2-E	2AC2
4DX3	2LB2	4DX3	4SF2	6EA2-M	2AC2
2DX3	2LB2	4DX2	4SF3		
		4DX3	4SF3	9EA2	9DY3
4DX2	2LC2			9EA2	9DY2
4DX3	2LC2	9DY3	9DY3	9EA2	6DY3
2DX3	2LC2	9DY3	9DY2	9EA2	6DY2
		9DY2	9DY2	9EA2	4DY2
4DX2	2LO3	9DY3	6DY3	9EA2	2DY2
4DX3	2LO3	9DY3	6DY2	9EA3	9DY3
2DX3	2LO3	9DY2	6DY2		

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
9EA3	9DY2	4EA2-M	9DY2	4EA3-E	9EA2
9EA3	6DY3	4EA2-M	6DY3	4EA3-E	9EA3
9EA3	6DY2	4EA2-M	6DY2	4EA2-M	4EA2-M
9EA3	4DY2	4EA2-M	4DY2		
9EA3	2DY2	4EA2-M	2DY2	9EA2	8EB2-E
6EA2-E	9DY3			9EA2	8EB2-M
6EA2-E	9DY2	9EA2	9EA2	9EA2	6EB2-E
6EA2-E	6DY3	9EA2	9EA3	9EA2	6EB2-M
6EA2-E	6DY2	9EA2	6EA2-E	9EA3	9EB2-E
6EA2-E	4DY2	9EA2	6EA2-M	9EA3	8EB2-M
6EA2-E	2DY2	9EA2	4EA2-E	9EA3	6EB2-E
6EA2-M	9DY3	9EA2	4EA2-M	9EA3	6EB2-M
6EA2-M	9DY2	9EA3	9EA3	6EA2-E	8EB2-E
6EA2-M	6DY3	9EA3	6EA2-E	6EA2-E	8EB2-M
6EA2-M	6DY2	9EA3	6EA2-M	6EA2-E	6EB2-E
6EA2-M	4DY2	9EA3	4EA2-E	6EA2-E	6EB2-M
6EA2-M	2DY2	9EA3	4EA2-M	6EA2-M	8EB2-E
4EA2-E	9DY3	6EA2-E	6EA2-E	6EA2-M	8EB2-M
4EA2-E	9DY2	6EA2-E	6EA2-M	6EA2-M	6EB2-E
4EA3-E	9DY3	6EA2-M	6EA2-M	6EA2-M	6EB2-M
4EA3-E	9DY2	6EA2-E	4EA2-E	4EA2-E	8EB2-E
4EA3-E	6DY3	6EA2-E	4EA2-M	4EA2-E	8EB2-M
4EA3-E	6DY2	6EA2-M	4EA2-E	4EA3-E	9EB2-E
4EA3-E	4DY2	6EA2-M	4EA2-M	4EA3-E	8EB2-M
4EA3-E	2DY2	4EA2-E	4EA2-E	4EA2-E	6EB2-E
4EA2-E	6DY3	4EA3-E	6EA2-E	4EA2-E	6EB2-M
4EA2-E	6DY2	4EA3-E	6EA2-M	4EA3-E	6EB2-E
4EA2-E	4DY2	4EA3-E	4EA2-E	4EA3-E	6EB2-M
4EA2-E	2DY2	4EA3-E	4EA2-M	4EA2-M	8EB2-E
4EA2-M	9DY3	4EA2-E	4EA2-M		

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
9EA3	9DY2	4EA2-M	9DY2	4EA3-E	9EA2
9EA3	6DY3	4EA2-M	6DY3	4EA3-E	9EA3
9EA3	6DY2	4EA2-M	6DY2	4EA2-M	4EA2-M
9EA3	4DY2	4EA2-M	4DY2		
9EA3	2DY2	4EA2-M	2DY2	9EA2	8EB2-E
6EA2-E	9DY3			9EA2	8EB2-M
6EA2-E	9DY2	9EA2	9EA2	9EA2	6EB2-E
6EA2-E	6DY3	9EA2	9EA3	9EA2	6EB2-M
6EA2-E	6DY2	9EA2	6EA2-E	9EA3	9EB2-E
6EA2-E	4DY2	9EA2	6EA2-M	9EA3	8EB2-M
6EA2-E	2DY2	9EA2	4EA2-E	9EA3	6EB2-E
6EA2-M	9DY3	9EA2	4EA2-M	9EA3	6EB2-M
6EA2-M	9DY2	9EA3	9EA3	6EA2-E	8EB2-E
6EA2-M	6DY3	9EA3	6EA2-E	6EA2-E	8EB2-M
6EA2-M	6DY2	9EA3	6EA2-M	6EA2-E	6EB2-E
6EA2-M	4DY2	9EA3	4EA2-E	6EA2-E	6EB2-M
6EA2-M	2DY2	9EA3	4EA2-M	6EA2-M	8EB2-E
4EA2-E	9DY3	6EA2-E	6EA2-E	6EA2-M	8EB2-M
4EA2-E	9DY2	6EA2-E	6EA2-M	6EA2-M	6EB2-E
4EA3-E	9DY3	6EA2-M	6EA2-M	6EA2-M	6EB2-M
4EA3-E	9DY2	6EA2-E	4EA2-E	4EA2-E	8EB2-E
4EA3-E	6DY3	6EA2-E	4EA2-M	4EA2-E	8EB2-M
4EA3-E	6DY2	6EA2-M	4EA2-E	4EA3-E	9EB2-E
4EA3-E	4DY2	6EA2-M	4EA2-M	4EA3-E	8EB2-M
4EA3-E	2DY2	4EA2-E	4EA2-E	4EA2-E	6EB2-E
4EA2-E	6DY3	4EA3-E	6EA2-E	4EA2-E	6EB2-M
4EA2-E	6DY2	4EA3-E	6EA2-M	4EA3-E	6EB2-E
4EA2-E	4DY2	4EA3-E	4EA2-E	4EA3-E	6EB2-M
4EA2-E	2DY2	4EA3-E	4EA2-M	4EA2-M	8EB2-E
4EA2-M	9DY3	4EA2-E	4EA2-M		

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September 17, 1992

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4EA2-M	8EB2-M	9EA3	4SF2	6EB3-E	9DY2
4EA2-M	6EB2-E	9EA2	4SF2	6EB3-E	9DY3
4EA2-M	6EB2-M	6EA2-E	4SF3	6EB2-E	6DY2
		6EA2-M	4SF3	6EB3-E	6DY2
6EA2-E	2LA2	6EA2-E	4SF2	6EB2-E	6DY3
6EA2-M	2LA2	6EA2-M	4SF2	6EB3-E	6DY3
		4EA3-E	4SF2	6EB2-E	4DY2
6EA2-E	2LB2	4EA2-E	4SF2	6EB3-E	2DY2
6EA2-M	2LB2	4EA2-M	4SF2	6EB3-E	4DY2
				6EB2-M	9DY2
6EA2-E	2LC2	8EB2-E	4AC2	6EB2-M	9DY3
6EA2-M	2LC2	8EB2-M	4AC2	6EB2-M	6DY2
		8EB2-E	2AC2	6EB2-M	6DY3
6EA2-E	2LO3	8EB2-M	2AC2	6EB2-M	4DY2
6EA2-M	2LO3			6EB2-E	2DY2
		8EB2-E	9DY3	6EB2-M	2DY2
6EA2-E	6LS2	8EB2-E	9DY2		
6EA2-M	6LS2	8EB2-E	6DY3	6EB3-E	9EA2
6EA2-E	4LS2	8EB2-E	6DY2	6EB3-E	9EA3
6EA2-M	4LS2	8EB2-E	4DY2	6EB3-E	6EA2-E
6EA2-E	2LS2	8EB2-E	2DY2	6EB3-E	6EA2-M
6EA2-M	2LS2	8EB2-M	9DY3	6EB3-E	4EA2-E
6EA2-E	2LS3	8EB2-M	9DY2	6EB3-E	4EA2-M
6EA2-M	2LS3	8EB2-M	6DY3		
		8EB2-M	6DY2	8EB2-E	8EB2-E
6EA2-E	4RV2-T	8EB2-M	4DY2	8EB2-E	8EB2-M
6EA2-M	4RV2-T	8EB2-M	2DY2	8EB2-M	8EB2-M
6EA2-E	2RV2-T	6EB2-E	9DY2	8EB2-E	6EB2-E
6EA2-M	2RV2-T	6EB2-E	9DY3	8EB2-E	6EB2-M

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March 30, 2007

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4EA2-M	8EB2-M	9EA3	4SF2	6EB3-E	9DY2
4EA2-M	6EB2-E	9EA2	4SF2	6EB3-E	9DY3
4EA2-M	6EB2-M	6EA2-E	4SF3	6EB2-E	6DY2
		6EA2-M	4SF3	6EB3-E	6DY2
6EA2-E	2LA2	6EA2-E	4SF2	6EB2-E	6DY3
6EA2-M	2LA2	6EA2-M	4SF2	6EB3-E	6DY3
		4EA3-E	4SF2	6EB2-E	4DY2
6EA2-E	2LB2	4EA2-E	4SF2	6EB3-E	2DY2
6EA2-M	2LB2	4EA2-M	4SF2	6EB3-E	4DY2
				6EB2-M	9DY2
6EA2-E	2LC2	8EB2-E	4AC2	6EB2-M	9DY3
6EA2-M	2LC2	8EB2-M	4AC2	6EB2-M	6DY2
		8EB2-E	2AC2	6EB2-M	6DY3
6EA2-E	2L03	8EB2-M	2AC2	6EB2-M	4DY2
6EA2-M	2L03			6EB2-E	2DY2
		8EB2-E	9DY3	6EB2-M	2DY2
6EA2-E	6LS2	8EB2-E	9DY2		
6EA2-M	6LS2	8EB2-E	6DY3	6EB3-E	9FA2
6EA2-E	4LS2	8EB2-E	6DY2	6EB3-E	9FA3
6EA2-M	4LS2	8EB2-E	4DY2	6EB3-E	6EA2-E
6EA2-E	2LS2	8EB2-E	2DY2	6EB3-E	6EA2-M
6EA2-M	2LS2	8EB2-M	9DY3	6EB3-E	4EA2-E
6EA2-E	2LS3	8EB2-M	9DY2	6EB3-E	4EA2-M
6EA2-M	2LS3	8EB2-M	6DY3		
		8EB2-M	6DY2	8EB2-E	8EB2-E
6EA2-E	4RV2-T	8EB2-M	4DY2	8EB2-E	8EB2-M
6EA2-M	4RV2-T	8EB2-M	2DY2	8EB2-M	8EB2-M
6EA2-E	2RV2-T	6EB2-E	9DY2	8EB2-E	6EB2-E
6EA2-M	2RV2-T	6EB2-E	9DY3	8EB2-E	6EB2-M

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
8EB2-M	6EB2-E	8EB2-E	4RV2-T	8EC2	8EB2-M
8EB2-M	6EB2-M	8EB2-M	4RV2-T	8EC2	6EB2-E
6EB2-E	6EB2-E	8EB2-E	2RV2-T	8EC2	6EB2-M
6EB2-E	6EB2-M	8EB2-M	2RV2-T		
6EB3-E	8EB2-E			8EC2	4SF2
6EB3-E	8EB2-M	8EB2-E	4SF2	6EX2-B	2GO3
6EB2-M	6EB2-M	8EB2-M	4SF2	6EX2-A	6GS2
		8EB2-E	4SF3	6EX2-A	4GS2
8EB2-E	2LA2	8EB2-M	4SF3	6EX2-A	2GS2
8EB2-M	2LA2	6EB3-E	4SF2	6EX2-A	2GS3
		6EB2-E	4SF2		
8EB2-E	2LB2	6EB2-M	4SF2	6EX2-B	2LA2
8EB2-M	2LB2				
		8EC2	9DY2	6EX2-B	2LB2
8EB2-E	2LC2	8EC2	9DY3		
8EB2-M	2LC2	8EC2	6DY2	6EX2-B	2LC2
		8EC2	6DY3		
8EB2-E	2LO3	8EC2	4DY2	6EX2-B	2LO2
8EB2-M	2LO3	8EC2	2DY2	6EX2-B	2LO3
8EB2-E	6LS2	8EC2	9EA2	6EX2-B	4LR2
8EB2-M	6LS2	8EC2	9EA3	6EX2-B	2LR2
8EB2-E	4LS2	8EC2	6EA2-E		
8EB2-M	4LS2	8EC2	6EA2-M	6EX2-A	6LS2
8EB2-E	2LS2	8EC2	4EA2-E	6EX2-A	4LS2
8EB2-M	2LS2	8EC2	4EA2-M	6EX2-A	2LS2
8EB2-E	2LS3			6EX2-A	2LS3
8EB2-M	2LS3	8EC2	8EB2-E		

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
8EB2-M	6EB2-E	8EB2-E	4RV2-T	8EC2	8EB2-M
8EB2-M	6EB2-M	8EB2-M	4RV2-T	8EC2	6EB2-E
6EB2-E	6EB2-E	8EB2-E	2RV2-T	8EC2	6EB2-M
6EB2-E	6EB2-M	8EB2-M	2RV2-T		
6EB3-E	8EB2-E			8EC2	4SF2
6EB3-E	8EB2-M	8EB2-E	4SF2	6EX2-B	2G03
6EB2-M	6EB2-M	8EB2-M	4SF2	6EX2-A	6GS2
		8EB2-E	4SF3	6EX2-A	4GS2
8EB2-E	2LA2	8EB2-M	4SF3	6EX2-A	2GS2
8EB2-M	2LA2	6EB3-E	4SF2	6EX2-A	2GS3
		6EB2-E	4SF2		
8EB2-E	2LB2	6EB2-M	4SF2	6EX2-B	2LA2
8EB2-M	2LB2				
		8EC2	9DY2	6EX2-B	2LB2
8EB2-E	2LC2	8EC2	9DY3		
8EB2-M	2LC2	8EC2	6DY2	6EX2-B	2LC2
		8EC2	6DY3		
8EB2-E	2L03	8EC2	4DY2	6EX2-B	2L02
8EB2-M	2L03	8EC2	2DY2	6EX2-B	2L03
8EB2-E	6LS2	8EC2	9EA2	6EX2-B	4LR2
8EB2-M	6LS2	8EC2	9EA3	6EX2-B	2LR2
8EB2-E	4LS2	8EC2	6EA2-E		
8EB2-M	4LS2	8EC2	6EA2-M	6EX2-A	6LS2
8EB2-E	2LS2	8EC2	4EA2-E	6EX2-A	4LS2
8EB2-M	2LS2	8EC2	4EA2-M	6EX2-A	2LS2
8EB2-E	2LS3			6EX2-A	2LS3
8EB2-M	2LS3	8EC2	8EB2-E		

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BY: John L. Roe  
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5454 West 110th Street  
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6EX2-A	4SF2	6LO2	6LS2	4LR2	4SF2
6EX2-B	4SF2	6LO2	4LS2	4LR3	4SF2
		6LO2	2LS2		
6GO2	6GS2	6LO2	2LS3	6LS2	2LA2
6GO2	4GS2	4LO2	6LS2	4LS2	2LA2
6GO2	2GS2	4LO2	4LS2	4LS3	2LA2
6GO2	2GS3	4LO3	6LS2	2LS2	2LA2
4GO2	6GS2	4LO3	4LS2	2LS3	2LA2
4GO3	6GS2	4LO3	2LS3		
4GO2	4GS2	4LO3	2LS2	6LS2	2LB2
4GO3	4GS2	4LO2	2LS2	4LS2	2LB2
4GO2	2GS2	4LO2	2LS3	4LS3	2LB2
4GO2	2GS3	2LO3	2LS3	2LS2	2LB2
4GO3	2GS2	2LO3	2LS2	2LS3	2LB2
4GO3	2GS3	2LO2	2LS2		
2GO2	2GS2	2LO2	2LS3	6LS2	2LC2
2GO3	2GS2			4LS2	2LC2
2GO2	2GS3	6LO2	4SF2	4LS3	2LC2
2GO3	2GS3	4LO2	4SF2	2LS2	2LC2
		4LO3	4SF2	2LS3	2LC2
6GO2	4SF2				
4GO2	4SF2	4LR3	4LR2	6LS2	2LO3
4GO3	4SF2	4LR3	2LR2	6LS2	2LO2
		4LR2	4LR2	4LS2	2LO2
6GS2	2GO2	4LR2	2LR2	4LS2	2LO3
4GS2	4GO2	2LR2	2LR2	4LS3	2LO2
4GS3	2GO2	2LR3	2LR2	4LS3	2LO3
4GS2	2GO3				

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Mark D. Harper  
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ACCESS SERVICE

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6EX2-A	4SF2	6L02	6LS2	4LR2	4SF2
6EX2-B	4SF2	6L02	4LS2	4LR3	4SF2
		6L02	2LS2		
6G02	6GS2	6L02	2LS3	6LS2	2LA2
6G02	4GS2	4L02	6LS2	4LS2	2LA2
6G02	2GS2	4L02	4LS2	4LS3	2LA2
6G02	2GS3	4L03	6LS2	2LS2	2LA2
4G02	6GS2	4L03	4LS2	2LS3	2LA2
4G03	6GS2	4L03	2LS3		
4G02	4GS2	4L03	2LS2	6LS2	2LB2
4G03	4GS2	4L02	2LS2	4LS2	2LB2
4G02	2GS2	4L02	2LS3	4LS3	2LB2
4G02	2GS3	2L03	2LS3	2LS2	2LB2
4G03	2GS2	2L03	2LS2	2LS3	2LB2
4G03	2GS3	2L02	2LS2		
2G02	2GS2	2L02	2LS3	6LS2	2LC2
2G03	2GS2			4LS2	2LC2
2G02	2GS3	6L02	4SF2	4LS3	2LC2
2G03	2GS3	4L02	4SF2	2LS2	2LC2
		4L03	4SF2	2LS3	2LC2
6G02	4SF2				
4G02	4SF2	4LR3	4LR2	6LS2	2L03
4G03	4SF2	4LR3	2LR2	6LS2	2L02
		4LR2	4LR2	4LS2	2L02
6GS2	2G02	4LR2	2LR2	4LS2	2L03
4GS2	4G02	2LR2	2LR2	4LS3	2L02
4GS3	2G02	2LR3	2LR2	4LS3	2L03
4GS2	2G03				

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6LS2	4SF2	4SF3	9DY2	4SF3	2LA2
4LS3	4SF2	4SF2	9DY3		
		4SF3	6DY3	4SF2	2LB2
4NO2	6DA2	4SF2	6DY2	4SF3	2LB2
4NO2	4DA2	4SF2	6DY3		
4NO2	2DA2	4SF3	6DY2	4SF2	2LC2
2NO2	6DA2	4SF2	4DY2	4SF3	2LC2
2NO2	4DA2	4SF3	4DY2		
2NO2	4DE2	4SF3	2DY2	4SF2	2LO3
4NO2	2DE2	4SF2	2DY2	4SF3	2LO3
4NO2					
4NO2	4NO2	4SF3	9EA2	4SF2	2LR2
4NO2	2NO2	4SF3	9EA3	4SF3	4LR2
2NO2	2NO2	4SF3	4EA2-E	4SF3	2LR2
2NO3	2NO2	4SF3	4EA2-M		
				4SF3	6LS2
2NO3	2PR2	4SF3	6EB2-E	4SF2	4LS2
		4SF3	6EB2-M	4SF3	4LS2
4RV2-0	4RV2-T	4SF2	2GO3	4SF2	2LS2
4RV2-0	2RV2-T	4SF3	6GS2	4SF2	2LS3
2RV2-0	2RV2-T	4SF2	6GS2	4SF3	2LS2
		4SF2	4GS2	4SF3	2LS3
4RV2-0	4SF2	4SF3	4GS2		
		4SF2	2GS2	4SF3	4RV2-T
4SF2	4AC2	4SF2	2GS3	4SF2	4RV2-T
4SF2	2AC2	4SF3	2GS2	4SF2	2RV2-T
		4SF3	2GS3	4SF3	2RV2-T
4SF3	9DY3				
4SF2	9DY2	4SF2	2LA2	4SF3	4SF3

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6LS2	4SF2	4SF3	9DY2	4SF3	2LA2
4LS3	4SF2	4SF2	9DY3		
		4SF3	6DY3	4SF2	2LB2
4NO2	6DA2	4SF2	6DY2	4SF3	2LB2
4NO2	4DA2	4SF2	6DY3		
4NO2	2DA2	4SF3	6DY2	4SF2	2LC2
2NO2	6DA2	4SF2	4DY2	4SF3	2LC2
2NO2	4DA2	4SF3	4DY2		
2NO2	4DE2	4SF3	2DY2	4SF2	2LO3
4NO2	2DE2	4SF2	2DY2	4SF3	2LO3
4NO2					
4NO2	4NO2	4SF3	9EA2	4SF2	2LR2
4NO2	2NO2	4SF3	9EA3	4SF3	4LR2
2NO2	2NO2	4SF3	4EA2-E	4SF3	2LR2
2NO3	2NO2	4SF3	4EA2-M		
				4SF3	6LS2
2NO3	2PR2	4SF3	6EB2-E	4SF2	4LS2
		4SF3	6EB2-M	4SF3	4LS2
4RV2-0	4RV2-T	4SF2	2G03	4SF2	2LS2
4RV2-0	2RV2-T	4SF3	6GS2	4SF2	2LS3
2RV2-0	2RV2-T	4SF2	6GS2	4SF3	2LS2
		4SF2	4GS2	4SF3	2LS3
4RV2-0	4SF2	4SF3	4GS2		
		4SF2	2GS2	4SF3	4RV2-T
4SF2	4AC2	4SF2	2GS3	4SF2	4RV2-T
4SF2	2AC2	4SF3	2GS2	4SF2	2RV2-T
		4SF3	2GS3	4SF3	2RV2-T
4SF3	9DY3				
4SF2	9DY2	4SF2	2LA2	4SF3	4SF3

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs

4SF3	4SF2
4SF2	4SF2
4TF2	4TF2
4TF2	2TF2
2TF3	2TF2

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

Compatible CIs

4SF3	4SF2
4SF2	4SF2
4TF2	4TF2
4TF2	2TF2
2TF3	2TF2

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

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7.3.5 Compatible Channel Interfaces (Cont'd)

(D)

(D)

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ISSUED:  
July 2, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

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AUG 12 2002

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(D) Program Audio

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AH5-B	2PG1-3	4AH6-D	2PG1-3	4DS8-15F	2PG2-5
4AH5-B	2PG1-5	4AH6-D	2PG1-5	4DS8-15G	2PG2-8
4AH5-B	2PG1-8	4AH6-D	2PG1-8	4DS8-15H	2PG2-1
4AH5-B	2PG2-3	4AH6-D	2PG2-3	2PG2-1	2PG1-1
4AH5-B	2PG2-5	4AH6-D	2PG2-5	2PG2-1	2PG2-1
4AH5-B	2PG2-8	4AH6-D	2PG2-8	2PG2-3	2PG1-3
4AH6-C	2PG1-3	4DS8-15E	2PG1-3	2PG2-3	2PG2-3
4AH6-C	2PG1-5	4DS8-15F	2PG1-5	2PG2-5	2PG1-5
4AH6-C	2PG1-8	4DS8-15G	2PG1-8	2PG2-5	2PG2-5
4AH6-C	2PG2-3	4DS8-15H	2PG1-1	2PG2-8	2PG1-8
4AH6-C	2PG2-5	4DS8-15E	2PG2-3	2PG2-8	2PG2-8
4AH6-C	2PG2-8				

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(E) Video

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
2TV6-1	4TV6-15	4TV6-5	4TV6-5	6TV6-5	6TV6-5
2TV6-1	4TV7-15	4TV6-5	4TV7-5	6TV6-5	6TV7-5
2TV6-2	6TV6-15	4TV6-15	4TV6-15	6TV6-15	6TV6-15
2TV6-2	6TV7-15	4TV6-15	4TV7-15	6TV6-15	6TV7-15
2TV7-1	4TV6-15	4TV7-15	4TV6-15	6TV7-5	6TV6-5
2TV7-1	4TV7-15	4TV7-15	4TV7-15	6TV7-5	6TV7-5
2TV7-2	6TV6-15	4TV7-5	4TV6-5	6TV7-15	6TV6-15
2TV7-2	6TV7-15	4TV7-5	4TV7-5	6TV7-15	6TV7-15

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- 7. Special Access Service (Cont'd)
  - 7.3 Channel Interface and Network Channel Codes (Cont'd)
    - 7.3.5 Compatible Channel Interfaces (Cont'd)
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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(G) Reserved for Future Use

(H) Digital Data

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DS9-15	4DS9-15+	4DS8-15	6DU5-48		
4DS9-15	4DU5-24	4DS8-15	6DU5-56	4DU5-96	4DU5-96
4DS9-15	4DU5-48	4DS8-15	6DU5-96	6DU5-24	6DU5-24
4DS9-15	4DU5-56	4DU5-24	4DU5-24	6DU5-48	6DU5-48
4DS9-15	4DU5-96	4DU5-48	4DU5-48	6DU5-56	6DU5-56
4DS9-15	6DU5-24	4DU5-56	4DU5-56	6DU5-96	6DU5-96

+ Available only as a cross connect of two digital channels at appropriate digital speeds at a Telephone Company Hub.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(G) Reserved for Future Use

(H) Digital Data

(T)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DS9-15	4DS9-15+	4DS8-15	6DU5-48		
4DS9-15	4DU5-24	4DS8-15	6DU5-56	4DU5-96	4DU5-96
4DS9-15	4DU5-48	4DS8-15	6DU5-96	6DU5-24	6DU5-24
4DS9-15	4DU5-56	4DU5-24	4DU5-24	6DU5-48	6DU5-48
4DS9-15	4DU5-96	4DU5-48	4DU5-48	6DU5-56	6DU5-56
4DS9-15	6DU5-24	4DU5-56	4DU5-56	6DU5-96	6DU5-96

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September 10, 1999

Richard D. Lawson  
State Executive, External Affairs

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(G) Reserved for Future Use

(H) United DigiLink<sup>SM</sup>

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DS9-15	4DS9-15+	4DS8-15	6DU5-48		
4DS9-15	4DU5-24	4DS8-15	6DU5-56	4DU5-96	4DU5-96
4DS9-15	4DU5-48	4DS8-15	6DU5-96	6DU5-24	6DU5-24
4DS9-15	4DU5-56	4DU5-24	4DU5-24	6DU5-48	6DU5-48
4DS9-15	4DU5-96	4DU5-48	4DU5-48	6DU5-56	6DU5-56
4DS9-15	6DU5-24	4DU5-56	4DU5-56	6DU5-96	6DU5-96

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September 17, 1992

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Vice President - Administration  
5454 West 110th Street  
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NOV 7 1992

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(I) High Capacity Service

<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DSO-63	4DSO-63	4DS9-15	4DU8-B
4DSO-63	6DU8-A,B or C	4DS9-15J	6DU8-A
4DSO-63	4DU8-A,B or C	4DS9-15J	4DU8-A
4DS6-27	4DS6-27	4DS9-15K	6DU8-B
4DS6-27	6DU8-A,B or C	4DS9-15K	4DU8-B
4DS6-27	4DU8-A,B or C	4DS9-15K	6DU8-C
4DS6-44	4DS6-44	4DS9-15K	4DU8-C
4DS6-44	6DU8-A,B or C	4DS9-31	4DS9-31
4DS6-44	4DU8-A,B or C	4DS9-31	6DU8-A,B OR C
4DS9-15	4DS9-15+	4DS9-31	4DU8-A,B or C
4DS9-15J	4DS9-15J	4DU8-A,B or C	4DU8-A,B or C
4DS9-15K	4DS9-15K		
4DS9-5	6DU9-B		

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7. Special Access Service (Cont'd)

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7.3 Channel Interface and Network Channel Codes (Cont'd)

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7.3.5 Compatible Channel Interfaces (Cont'd)

(I) High Capacity Service

(T)

<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DSO-63	4DSO-63	4DS9-15	4DU8-B
4DSO-63	6DU8-A,B or C	4DS9-15J	6DU8-A
4DSO-63	4DU8-A,B or C	4DS9-15J	4DU8-A
4DS6-27	4DS6-27	4DS9-15K	6DU8-B
4DS6-27	6DU8-A,B or C	4DS9-15K	4DU8-B
4DS6-27	4DU8-A,B or C	4DS9-15K	6DU8-C
4DS6-44	4DS6-44	4DS9-15K	4DU8-C
4DS6-44	6DU8-A,B or C	4DS9-31	4DS9-31
4DS6-44	4DU8-A,B or C	4DS9-31	6DU8-A,B OR C
4DS9-15	4DS9-15+	4DS9-31	4DU8-A,B or C
4DS9-15J	4DS9-15J	4DU8-A,B or C	4DU8-A,B or C
4DS9-15K	4DS9-15K		
4DS9-5	6DU9-B		

+ Available only as a cross connect of two digital channels at appropriate digital speeds at a Telephone Company Hub.

(D)

Missouri Public  
Service Commission

SEP 15 1999

ISSUED:  
September 10, 1999

Richard D. Lawson  
State Executive, External Affairs

October 11, 1999

Cancelled  
April 30, 2007  
Missouri Public  
Service Commission

OCT 15 1999

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 357

ACCESS SERVICE

SEP 17 1992

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(I) United TransLink<sup>SM</sup> and other High Capacity Services

<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DSO-63	4DSO-63	4DS9-15	4DU8-B
4DSO-63	6DU8-A,B or C	4DS9-15J	6DU8-A
4DSO-63	4DU8-A,B or C	4DS9-15J	4DU8-A
4DS6-27	4DS6-27	4DS9-15K	6DU8-B
4DS6-27	6DU8-A,B or C	4DS9-15K	4DU8-B
4DS6-27	4DU8-A,B or C	4DS9-15K	6DU8-C
4DS6-44	4DS6-44	4DS9-15K	4DU8-C
4DS6-44	6DU8-A,B or C	4DS9-31	4DS9-31
4DS6-44	4DU8-A,B or C	4DS9-31	6DU8-A,B OR C
4DS9-15	4DS9-15+	4DS9-31	4DU8-A,B or C
4DS9-15J	4DS9-15J	4DU8-A,B or C	4DU8-A,B or C
4DS9-15K	4DS9-15K		
4DS9-15	6DU9-B		

+ Available only as a cross connect of two digital channels at appropriate digital speeds at a Telephone Company Hub.

SM Registered service mark of United Telecommunications, Inc.

**CANCELLED**

OCT 15 1999  
By *LS/RS #357*  
Public Service Commission  
MISSOURI

**FILED**

NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

MO. PUBLIC SERVICE COMM.  
EFFECTIVE:  
~~September 17, 1992~~  
NOV 7 1992

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(J) WATS Access Line (WAL)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DS9*	4DS9*	2GO3	4DS9*	2RV3-0	4DS9*
4EA3	2CT3	2GO3	2GS2	2RV3-0	6EA2
4EA3	4CT2	2GO3	2GS3	2RV3-0	8EB2
4EA3	4DS9*	2GO3	4GS2	2RV3-0	2RV2-T
4EA3	4EA2			2RV3-0	2RV3-T
4EA3	6EA2	4GO2	4DS9*	2RV3-0	4RV2-T
4EA3	8EB2	4GO2	2GS3		
		4GO2	2GS3	4RV2-0	4DS9*
6EA2	2CT3	4GO2	4GS2	4RV2-0	6EA2
6EA2	4CT2			4RV2-0	8EB2
6EA2	4DS9*	2LO3	4DS9*	4RV2-0	2RV2-T
6EA2	4EA2	2LO3	2LS2	4RV2-0	2RV3-T
6EA2	6EA2	2LO3	4LS2	4RV2-0	4RV2-T
6EA2	8EB2				
		4LO2	4DS9*		
		4L02	2LS2		
		4LO2	4LS2		

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March 30, 2007

Mark D. Harper  
Director - State Regulatory  
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Service Commission

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(J) WATS Access Line (WAL)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DS9*	4DS9*	2G03	4DS9*	2RV3-0	4DS9*
4EA3	2CT3	2G03	2GS2	2RV3-0	6EA2
4EA3	4CT2	2G03	2GS3	2RV3-0	8EB2
4EA3	4DS9*	2G03	4GS2	2RV3-0	2RV2-T
4EA3	4EA2			2RV3-0	2RV3-T
4EA3	6EA2	4G02	4DS9*	2RV3-0	4RV2-T
4EA3	8EB2	4G02	2GS3		
		4G02	2GS3	4RV2-0	4DS9*
6EA2	2CT3	4G02	4GS2	4RV2-0	6EA2
6EA2	4CT2			4RV2-0	8EB2
6EA2	4DS9*	2L03	4DS9*	4RV2-0	2RV2-T
6EA2	4EA2	2L03	2LS2	4RV2-0	2RV3-T
6EA2	6EA2	2L03	4LS2	4RV2-0	4RV2-T
6EA2	8EB2				
		4L02	4DS9*		
		4L02	2LS2		
		4L02	4LS2		

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations

This section contains the specific regulations governing the Rates and Charges that apply for Special Access Service.

7.4.1 Types of Rates and Charges

There are three types of rates and charges. These are monthly rates, daily rates and nonrecurring charges. The rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

(B) Reserved for Future Use

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of optional features and functions, and service rearrangements.

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SPRINT MISSOURI, INC.  
d/b/a SPRINT

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Cancels Original Page 359  
**Missouri Public**

ACCESS SERVICE

REC'D JUL 02 2002

7. Special Access Service (Cont'd)

Service Commission

7.4 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access Service.

7.4.1 Types of Rates and Charges

There are three types of rates and charges. These are monthly rates, daily rates and nonrecurring charges. The rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

(B) Reserved for Future Use

(D)

(D)

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of optional features and functions, and service rearrangements.

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Service Commission

ISSUED:  
July 2, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
~~August 12, 2002~~

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UNITED TELEPHONE COMPANY  
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ACCESS SERVICE

SEP 17 1992

7. Special Access Service (Cont'd)

7.4 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access Service.

7.4.1 Types of Rates and Charges

There are three types of rates and charges. These are monthly rates, daily rates and nonrecurring charges. The rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

(B) Daily Rates

Daily rates are flat recurring rates that apply to each 24 hour period or fraction thereof that a Program Audio or Video Special Access Service is provided for part-time or occasional use. For purposes of applying daily rates, the 24 hour period is not limited to a calendar day.

The application of daily rates for Program Audio and Video service for consecutive 24-hour periods during a consecutive 30-day period is as follows. Daily rates will be topped at an amount equal to the monthly rate. For each day or part day of usage after the daily rates have been topped, a charge equal to 1/30th of the monthly rate will apply.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of optional features and functions, and service rearrangements.

**CANCELLED**  
AUG 12 2002  
By *RS 359*  
Public Service Commissioner  
MISSOURI

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EFFECTIVE:

~~October 17, 1992~~

NOV 7 1992

ISSUED:  
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(1) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set forth in 7.5 following as a nonrecurring charge for the Channel Termination rate element.

(2) Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service.

The optional features and functions for which nonrecurring charges apply are:

- Voice Grade Data Capability
- Voice Grade Telephoto Capability

(D)  
(D)

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in 5.2.5(E) preceding or a change in the physical location of the point of termination at a customer designated premises. Changes in the type of service or channel termination are treated as disconnects and starts. Changes in the physical location of the point of the termination are treated as moves and are described and charged for as set forth in 7.4.5 following.

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Director - State Regulatory  
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(1) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set forth in 7.5 following as a nonrecurring charge for the Channel Termination rate element.

(2) Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service.

The optional features and functions for which nonrecurring charges apply are:

- Voice Grade Data Capability
- Voice Grade Telephoto Capability
- Program Audio Gain Conditioning
- Program Audio Stereo

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in 5.2.5(E) preceding or a change in the physical location of the point of termination at a customer designated premises. Changes in the type of service or channel termination are treated as disconnects and starts. Changes in the physical location of the point of the termination are treated as moves and are described and charged for as set forth in 7.4.5 following.

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BY: John L. Roe  
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name--e.g., AT&T-Long Lines to AT&T Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

All other service rearrangements will be charged for as follows:

- If the change involves the addition of another leg to an existing multipoint service, the nonrecurring

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name--e.g., AT&T-Long Lines to AT&T Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

All other service rearrangements will be charged for as follows:

- If the change involves the addition of another leg to an existing multipoint service, the nonrecurring

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BY: John L. Roe  
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~~October 17, 1992~~

NOV 7 1992

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- charge for the channel termination rate element will apply. The charge will apply only for the leg that is being added.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that non-recurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per channel termination affected.
- For all other changes, including the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

7.4.2 Surcharge for Special Access Service

(A) General

In addition to the Rates and Charges described in 7.4.1 preceding, there is a monthly surcharge that applies to Special Access Service. The Special Access Surcharge compensates the Telephone Company for use of the local exchange network when Special Access Service is connected to a PBX or equivalent device which is capable of interconnecting the Special Access Service with local exchange service.

The Telephone Company will automatically bill the surcharge on each Special Access Service installed irrespective of whether the interconnection capability exists in the customer's premises equipment or in a Centrex-CO type

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Mark D. Harper  
Director - State Regulatory  
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ACCESS SERVICE

Missouri Public  
Service Commission

7. Special Access Service (Cont'd)

REC'D FEB 09 2000

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- charge for the channel termination rate element will apply. The charge will apply only for the leg that is being added. (T)
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that non-recurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per channel termination affected. (T)
- For all other changes, including the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change. (T)

7.4.2 Surcharge for Special Access Service

Missouri Public  
Service Commission

(A) General

FILED MAR 10 2000

In addition to the rates and charges described in 7.4.1 preceding, there is a monthly surcharge that applies to Special Access Service. The Special Access Surcharge compensates the Telephone Company for use of the local exchange network when Special Access Service is connected to a PBX or equivalent device which is capable of interconnecting the Special Access Service with local exchange service.

The Telephone Company will automatically bill the surcharge on each Special Access Service installed irrespective of whether the interconnection capability exists in the customer's premises equipment or in a Centrex-CO type

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Richard D. Lawson  
State Executive, External Affairs

EFFECTIVE:  
March 10, 2000

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April 30, 2007  
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UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 362

ACCESS SERVICE

SEP 17 1992

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- charge for the service termination rate element will apply. The charge will apply only for the leg that is being added.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.
- For all other changes, including the addition of optional features without separate nonrecurring charges, a charge equal to a service termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

7.4.2 Surcharge for Special Access Service

(A) General

In addition to the rates and charges described in 7.4.1 preceding, there is a monthly surcharge that applies to Special Access Service. The Special Access Surcharge compensates the Telephone Company for use of the local exchange network when Special Access Service is connected to a PBX or equivalent device which is capable of interconnecting the Special Access Service with local exchange service.

The Telephone Company will automatically bill the surcharge on each Special Access Service installed irrespective of whether the interconnection capability exists in the customer's premises equipment or in a Centrex-type ~~NOV 7 1992~~

**CANCELLED**

MAR 10 2000

By *1st RP 362*  
Public Service Commission  
MISSOURI

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
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MO. PUBLIC SERVICE COMM.  
EFFECTIVE: ~~September 7, 1992~~

NOV 7 1992



ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(A) General (Cont'd)

switch unless written certification is received from the customer certifying exemption status as set forth in (B) following.

(B) Special Access Surcharge Exemptions

The Special Access Service will be exempted from the surcharge if the customer provides the Telephone Company written certification that the Special Access Channel Termination is one of the following:

- (1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or
- (2) Reserved for Future Use
- (3) a termination used for TELEX service; or
- (4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines; or
- (5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the Special Access Service accesses only FGA and no local exchange lines, or Special Access Service between customer points of termination or Special Access Service connecting CCSA or CCSA-type equipment (inter-machine trunks); or
- (6) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the special access facility to a local exchange subscriber line.

ISSUED:  
March 30, 2007

Mark D. Harper  
Director - State Regulatory  
5454 W. 110th Street  
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Service Commission  
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ACCESS SERVICE

Missouri Public

7. Special Access Service (Cont'd)

REC'D JUL 02 2002

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

Service Commission

(A) General (Cont'd)

switch unless written certification is received from the customer certifying exemption status as set forth in (B) following.

(B) Special Access Surcharge Exemptions

The Special Access Service will be exempted from the surcharge if the customer provides the Telephone Company written certification that the Special Access Channel Termination is one of the following:

- (1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALS; or
- (2) Reserved for Future Use (D)  
(D)
- (3) a termination used for TELEX service; or
- (4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines; or
- (5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the Special Access Service accesses only FGA and no local exchange lines, or Special Access Service between customer points of termination or Special Access Service connecting CCSA or CCSA-type equipment (inter-machine trunks); or
- (6) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the special access facility to a local exchange subscriber line.

Missouri Public

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ISSUED:  
July 2, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
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EFFECTIVE:

AUG 12 2002

ACCESS SERVICE

Missouri Public  
Service Commission

7. Special Access Service (Cont'd)

REC'D FEB 09 2000

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(A) General (Cont'd)

switch unless written certification is received from the customer certifying exemption status as set forth in (B) following.

(B) Special Access Surcharge Exemptions

The Special Access Service will be exempted from the surcharge if the customer provides the Telephone Company written certification that the Special Access Channel Termination is one of the following:

(T)

- (1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or
- (2) an analog termination that is used for radio or television program transmission; or
- (3) a termination used for TELEX service; or
- (4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines; or
- (5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the Special Access Service accesses only FGA and no local exchange lines, or Special Access Service between customer points of termination or Special Access Service connecting CCSA or CCSA-type equipment (inter-machine trunks); or
- (6) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the special access facility to a local exchange subscriber line.

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AUG 12 2002  
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Public Service Commission  
MISSOURI

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Service Commission

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

MO. PUBLIC SERVICE COMM.

7.4.2 Surcharge for Special Access Service (Cont'd)

(A) General (Cont'd)

switch unless written certification is received from the customer certifying exemption status as set forth in (B) following.

(B) Special Access Surcharge Exemptions

The Special Access Service will be exempted from the surcharge if the customer provides the Telephone Company written certification that the Special Access Service termination is one of the following:

- (1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or
- (2) an analog termination that is used for radio or television program transmission; or
- (3) a termination used for TELEX service; or
- (4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines; or
- (5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the Special Access Service accesses only FGA and no local exchange lines, or Special Access Service between customer points of termination or Special Access Service connecting CCSA or CCSA-type equipment (inter-machine trunks); or
- (6) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the special access facility to a local exchange subscriber line.

**CANCELLED**

MAR 10 2000

By *1st RP 363*  
Public Service Commission  
MISSOURI

**FILED**

NOV 7 1992

MO. PUBLIC SERVICE COMM.

EFFECTIVE:

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

~~September 17, 1992~~

NOV 7 1992

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(C) Exemption Certification

- (1) Special Access Services which are terminated as set forth in (B) preceding will be exempted from the Special Access Surcharge if the customer provides the Telephone Company with a written notification certifying exemption. Such notification shall be provided by the customer (1) at the time the Special Access Service is ordered or installed; (2) at such time as the Special Access Service is re-terminated to a device not capable of interconnecting to the local exchange network, or (3) at such time as the Special Access Service becomes associated with a Switched Access Service that is subject to Carrier Common Line charges.
- (2) If written certification is not received at the time the Special Access Service is obtained, the surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations in (D) following.
- (3) The exemption certification is to be provided by the customer ordering the service. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in (B) preceding, for each termination, and the date which the exemption is effective.
- (4) The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or re-terminated such that the exemption is no longer applicable.

ISSUED:  
March 30, 2007

Mark D. Harper  
Director - State Regulatory  
5454 W. 110th Street  
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EFFECTIVE:  
April 30, 2007

CANCELLED  
October 19, 2009  
Missouri Public  
Service Commission  
TN-2010-0086; JI-2010-0159

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Missouri Public  
Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 364

ACCESS SERVICE

SEP 17 1992

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(C) Exemption Certification

- (1) Special Access Services which are terminated as set forth in (B) preceding will be exempted from the Special Access Surcharge if the customer provides the Telephone Company with a written notification certifying exemption. Such notification shall be provided by the customer (1) at the time the Special Access Service is ordered or installed; (2) at such time as the Special Access Service is re-terminated to a device not capable of interconnecting to the local exchange network, or (3) at such time as the Special Access Service becomes associated with a Switched Access Service that is subject to Carrier Common Line charges.
- (2) If written certification is not received at the time the Special Access Service is obtained, the surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations in (D) following.
- (3) The exemption certification is to be provided by the customer ordering the service. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in (B) preceding, for each termination, and the date which the exemption is effective.
- (4) The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or re-terminated such that the exemption is no longer applicable.

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MO. PUBLIC SERVICE COMM.  
EFFECTIVE

~~October 17, 1992~~

NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(D) Crediting the Surcharge

The Telephone Company will cease billing the Special Access Surcharge when certification is received that the Special Access Service has become exempt from the surcharge, as set forth in (B) preceding. If the status of the Special Access Service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change specified by the customer in the letter of certification.

(E) Application of Rates

(1) The monthly Special Access Surcharge applies to Special Access Services arranged, as set forth in (A) preceding, on a per voice equivalent basis as shown in the following example.

<u>Special Access Service</u>	<u>Voice Grade Equivalent</u>	<u>Surcharge</u>	<u>Monthly Charge</u>
Voice Grade 1	1	X	\$25 = \$ 25.00
Group Level 12	12	X	\$25 = \$300.00
DS1	24	X	\$25 = \$600.00

ISSUED:  
March 30, 2007

Mark D. Harper  
Director - State Regulatory  
5454 W. 110th Street  
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Service Commission

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 365

ACCESS SERVICE

7001 0300  
SEP 17 1992

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(D) Crediting the Surcharge

The Telephone Company will cease billing the Special Access Surcharge when certification is received that the Special Access Service has become exempt from the surcharge, as set forth in (B) preceding. If the status of the Special Access Service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change specified by the customer in the letter of certification.

(E) Application of Rates

(1) The monthly Special Access Surcharge applies to Special Access Services arranged, as set forth in (A) preceding, on a per voice equivalent basis as shown in the following example.

<u>Special Access Service</u>	<u>Voice Grade Equivalent</u>		<u>Surcharge</u>		<u>Monthly Charge</u>
Voice Grade	1	X	\$25	=	\$ 25.00
Group Level	12	X	\$25	=	\$300.00
DS1	24	X	\$25	=	\$600.00

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MO. PUBLIC SERVICE COMM.

EFFECTIVE:

~~October 17, 1992~~

NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
5454 West 110th Street  
Overland Park, Kansas 66211

Cancelled  
April 30, 2007  
Missouri Public  
Service Commission



ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(E) Application of Rates (Cont'd)

- (2) In the case of multipoint Special Access Service, one Special Access Surcharge will apply for each termination at a customer designated premises.
- (3) The Telephone Company will bill the surcharge to the customer who orders the Special Access Service unless the Service is exempt as set forth in (B) preceding.

7.4.3 Reserved for Future Use

7.4.4 Minimum Periods

The minimum service period for all services is one month.

ISSUED:  
March 30, 2007

Mark D. Harper  
Director - State Regulatory  
5454 W. 110th Street  
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October 19, 2009  
Missouri Public  
Service Commission  
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**Filed**  
Missouri Public  
Service Commission

SPRINT MISSOURI, INC.  
d/b/a SPRINT

Second Revised Page 366  
Cancels First Revised Page 366

ACCESS SERVICE

Missouri Public

7. Special Access Service (Cont'd)

REC'D JUL 02 2002

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

Service Commission

(E) Application of Rates (Cont'd)

- (2) In the case of multipoint Special Access Service, one Special Access Surcharge will apply for each termination at a customer designated premises.
- (3) The Telephone Company will bill the surcharge to the customer who orders the Special Access Service unless the Service is exempt as set forth in (B) preceding.

7.4.3 Reserved for Future Use

7.4.4 Minimum Periods

The minimum service period for all services *is* one month.

(D)  
|  
(D)

Missouri Public

FILED AUG 12 2002

Service Commission

ISSUED:  
July 2, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:

~~August 1, 2002~~

AUG 12 2002

SPRINT MISSOURI, INC.  
d/b/a SPRINT

First Revised Page 366  
Cancels Original Page 366

Missouri Public  
Service Commission

ACCESS SERVICE

REC'D FEB 09 2000

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(E) Application of Rates (Cont'd)

- (2) In the case of multipoint Special Access Service, one Special Access Surcharge will apply for each termination at a customer designated premises.
- (3) The Telephone Company will bill the surcharge to the customer who orders the Special Access Service unless the Service is exempt as set forth in (B) preceding.

7.4.3 Reserved for Future Use

(C)

(D)

**CANCELLED**

AUG 12 2002  
By *2nd RS 3lep*  
Public Service Commission  
MISSOURI

(D)

7.4.4 Minimum Periods

The minimum service period for all services except part-time and occasional Video and Program Audio services is one month. The minimum service period for part-time and occasional Video and Program Audio Services is one day (i.e., a continuous 24 hour period, not limited to a calendar day).

Missouri Public  
Service Commission

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ISSUED:  
February 9, 2000

Richard D. Lawson  
State Executive, External Affairs

EFFECTIVE:  
March 10, 2000

ACCESS SERVICE

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7. Special Access Service (Cont'd)

MO. PUBLIC SERVICE COMM.

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(E) Application of Rates (Cont'd)

- (2) In the case of multipoint Special Access Service, one Special Access Surcharge will apply for each termination at a customer designated premises.
- (3) The Telephone Company will bill the surcharge to the customer who orders the Special Access Service unless the Service is exempt as set forth in (B) preceding.

7.4.3 Message Station Equipment Recovery Charge

The Message Station Equipment Recovery is a charge to recover that portion of message station equipment that is assigned to Special Access Service.

Pursuant to CC Docket 83-1145 Memorandum Opinion and Order adopted by the Federal Communications on November 8, 1984 and released on November 9, 1984, this charge, is assessed only to those customers to which the Special Access Surcharge applies. The rate for the Message Station Equipment Recovery Charge is set forth in 7.5.10 following.

7.4.4 Minimum Periods

The minimum service period for all services except part-time and occasional Video and Program Audio services is one month. The minimum service period for part-time and occasional Video and Program Audio Services is one day (i.e., a continuous 24 hour period, not limited to a calendar day).

**CANCELLED**

MAR 10 2000

By *1st RP 366*  
Public Service Commission  
MISSOURI

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NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
Vice President - Administration  
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Overland Park, Kansas 66211

MO. PUBLIC SERVICE COMM.

NOV 7 1992

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.5 Moves

A move involves a change in the physical location of one of the following:

- The Point of Termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the Channel Termination affected. There will be no change in the minimum period requirements.

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the disconnected service.

7.4.6 Mileage Measurement

The mileage to be used to determine the monthly rate for the Channel Mileage is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company Hub, or two Telephone Company Hubs. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

ISSUED:  
March 30, 2007

Mark D. Harper  
Director - State Regulatory  
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EFFECTIVE:  
April 30, 2007

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October 19, 2009  
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Missouri Public  
Service Commission

ACCESS SERVICE

Missouri Public  
Service Commission

REC'D FEB 09 2000

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.5 Moves

A move involves a change in the physical location of one of the following:

- The Point of Termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the Channel Termination affected. There will be no change in the minimum period requirements. (T)

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the disconnected service.

7.4.6 Mileage Measurement

The mileage to be used to determine the monthly rate for the Channel Mileage is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company Hub, or two Telephone Company Hubs. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

Missouri Public  
Service Commission

FILED MAR 10 2000

ISSUED:  
February 9, 2000

Richard D. Lawson  
State Executive, External Affairs

EFFECTIVE:  
March 10, 2000

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.5 Moves

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SEP 17 1992

(MO. PUBLIC SERVICE COMM.)

A move involves a change in the physical location of one of the following:

- The Point of Termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements.

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the disconnected service.

7.4.6 Mileage Measurement

The mileage to be used to determine the monthly rate for the Channel Mileage is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company Hub, or two Telephone Company Hubs. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

CANCELLED

MAR 10 2000

By 1st RP 367

Public Service Commission  
MISSOURI

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NOV 7 1992

MO. PUBLIC SERVICE COMM.

ISSUED:  
September 17, 1992

BY: John L. Roe  
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5454 West 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:

~~SEPTEMBER 17, 1992~~  
NOV 7 1992

## ACCESS SERVICE

### 7. Special Access Service (Cont'd)

#### 7.4 Rate Regulations (Cont'd)

##### 7.4.6 Mileage Measurement (Cont'd)

Mileage is shown in 7.5 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing (e.g., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

##### 7.4.7 Facility Hubs

A customer has the option of ordering Voice Grade facilities or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, DS1C, or DS3) to a facility Hub for channelizing to individual services requiring lower capacity facilities.

Different locations may be designated as Hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to voice analog may occur at a different location. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association, Inc. Tariff. This tariff identifies the type(s) of multiplexing functions which are available and the wire centers at which they are available.

- (1) For IntraLATA Local Exchange Carrier to Local Exchange Carrier traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

ISSUED:  
March 30, 2007

Mark D. Harper  
Director - State Regulatory  
5454 W. 110th Street  
Overland Park, Kansas 66211

EFFECTIVE:  
April 30, 2007

CANCELLED  
October 19, 2009  
Missouri Public  
Service Commission  
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Missouri Public  
Service Commission



SPRINT MISSOURI, INC.  
d/b/a SPRINT

Third Revised Page 368  
Cancels Second Revised Page 368

ACCESS SERVICE

Missouri Public

7. Special Access Service (Cont'd)

REC'D JUL 02 2002

7.4 Rate Regulations (Cont'd)

7.4.6 Mileage Measurement (Cont'd)

Service Commission

Mileage is shown in 7.5 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing (e.g., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

7.4.7 Facility Hubs

A customer has the option of ordering Voice Grade facilities or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, DS1C, or DS3) to a facility Hub for channelizing to individual services requiring lower capacity *facilities*.

(D)

Different locations may be designated as Hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to voice analog may occur at a different location. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association, Inc. Tariff. This tariff identifies the type(s) of multiplexing functions which are available and the wire centers at which they are available.

- (1) For IntraLATA Local Exchange Carrier to Local Exchange Carrier traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

Missouri Public

FILED AUG 12 2002

Service Commission

ISSUED:  
July 2, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

~~EFFEKTIVE~~  
August 1, 2002

AUG 12 2002

SPRINT MISSOURI, INC.  
d/b/a SPRINT

Second Revised Page 368  
Cancels First Revised Page 368

Missouri Public

ACCESS SERVICE

REC'D JAN 07 2002

7. Special Access Service (Cont'd)

Service Commission

7.4 Rate Regulations (Cont'd)

7.4.6 Mileage Measurement (Cont'd)

Mileage is shown in 7.5 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, *Inc.* Tariff, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

(T)

When Hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing (e.g., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

7.4.7 Facility Hubs

A customer has the option of ordering Voice Grade facilities or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, **DS1C**, or **DS3**) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Voice, Program Audio, etc.).

(C)

Different locations may be designated as Hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to voice analog may occur at a different location. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association, *Inc.* Tariff. This tariff identifies the type(s) of multiplexing functions which are available and the wire centers at which they are available.

(T)

- (1) For IntraLATA Local Exchange Carrier to Local Exchange Carrier traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

**CANCELLED**

AUG 12 2002  
By 3rd RS 368  
Public Service Commission  
MISSOURI

Missouri Public

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Service Commission

ISSUED:  
January 7, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

EFFECTIVE:  
February 7, 2002

SPRINT MISSOURI, INC.  
d/b/a SPRINT

First Revised Page 368  
Cancels Original Page 368

ACCESS SERVICE

**Missouri Public  
Service Commission**

7. Special Access Service (Cont'd)

**REC'D FEB 09 2000**

7.4 Rate Regulations (Cont'd)

7.4.6 Mileage Measurement (Cont'd)

Mileage is shown in 7.5 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

(T)

When Hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing (e.g., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

7.4.7 Facility Hubs

A customer has the option of ordering Voice Grade facilities or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, DS1C, DS2, DS3 or DS4) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Voice, Program Audio, etc.).

(C)

Different locations may be designated as Hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to voice analog may occur at a different location. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association Tariff. This tariff identifies the type(s) of multiplexing functions which are available and the wire centers at which they are available.

(T)

- (1) For IntraLATA Local Exchange Carrier to Local Exchange Carrier traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri Intrastate IntraLATA Compensation Plan Database.

(T)

ISSUED:  
February 9, 2000

Richard D. Lawson  
State Executive, External Affairs

EFFECTIVE:  
March 10, 2000

**CANCELLED**

**FEB 07 2002**

*2nd RP368*  
**Public Service Commission  
MISSOURI**

**Missouri Public  
Service Commission**

**FILED MAR 10 2000**

UNITED TELEPHONE COMPANY  
OF MISSOURI

Original Page 368

ACCESS SERVICE

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7 Special Access Service (Cont'd)

SEP 17 1992

7.4 Rate Regulations (Cont'd)

MO. PUBLIC SERVICE COMM.

7.4.6 Mileage Measurement (Cont'd)

Mileage is shown in 7.5 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the Exchange Carrier Association Tariff, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing (e.g., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

7.4.7 Facility Hubs

A customer has the option of ordering Voice Grade facilities or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, DS1C, DS2, DS3 or DS4) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Telegraph, Voice, Program Audio, etc.).

Different locations may be designated as Hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to voice analog may occur at a different location. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the Exchange Carrier Association Tariff. This tariff identifies the type(s) of multiplexing functions which are available and the wire centers at which they are available.

- (1) For intraLATA Local Exchange Carrier to Local Exchange Carrier traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri PTC Plan IntraLATA Database.

CANCELLED

MAR 10 2000

By 1st RP 368

Public Service Commission  
MISSOURI

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NOV 7 1992

ISSUED:  
September 17, 1992

BY: John L. Roe  
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MO. PUBLIC SERVICE COMM.  
EFFECTIVE:

~~October 1, 1992~~

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (Cont'd)

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channels

End to end services may be provided on channels of these facilities to a Hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity service.

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade, High Capacity, Analog or

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (Cont'd)

W. DOUGLAS F. MORGAN  
MISSOURI PUBLIC SERVICE COMMISSION

REC'D SEP 10 1999

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channels

End to end services may be provided on channels of these facilities to a Hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity service.

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The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade, High Capacity, Analog or

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September 10, 1999

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (Cont'd)

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channels

End to end services may be provided on channels of these facilities to a Hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not TransLink<sup>SM</sup> or other High Capacity services.

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade, United TransLink<sup>SM</sup> or other High Capacity, Analog or

<sup>SM</sup> Registered service mark of United Telecommunications, Inc.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (Cont'd)

digital Channel Termination, Channel Mileage (when applicable), and the multiplexer at the time the facility is installed. Individual service rates (by service type) will apply for a Channel Termination and additional Channel Mileage (as required) for each channelized service. These will be billed to the customer as each individual service is installed.

Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a Supergroup facility is de-multiplexed to five Group facilities, and then one of the Group facilities is further de-multiplexed to individual Voice Grade channels.

When cascading multiplexing is performed, whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different Hubbing locations, Channel Mileage charges also apply between the Hubs.

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

REC'D JUL 02 2002

7.4 Rate Regulations (Cont'd)

Service Commission

7.4.7 Facility Hubs (Cont'd)

digital Channel Termination, Channel Mileage (when applicable), and the multiplexer at the time the facility is installed. Individual service rates (by service type) will apply for a Channel Termination and additional Channel Mileage (as required) for each channelized service. These will be billed to the customer as each individual service is installed.

Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a Supergroup facility is de-multiplexed to five Group facilities, and then one of the Group facilities is further de-multiplexed to individual Voice Grade channels.

When cascading multiplexing is performed, whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading multi-plexing is performed at different Hubbing locations, Channel Mileage charges also apply between the Hubs.

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ACCESS SERVICE

Missouri Public Service Commission

7. Special Access Service (Cont'd)

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7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (Cont'd)

digital Channel Termination, Channel Mileage (when applicable), and the multiplexer at the time the facility is installed. Individual service rates (by service type) will apply for a Channel Termination and additional Channel Mileage (as required) for each channelized service. These will be billed to the customer as each individual service is installed. (C)

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MISSOURI

Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a Supergroup facility is de-multiplexed to five Group facilities, and then one of the Group facilities is further de-multiplexed to individual Voice Grade channels. (C)

When cascading multiplexing is performed, whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different Hubbing locations, Channel Mileage charges also apply between the Hubs.

Although not requiring multiplexing, the Telephone Company will designate certain Hubs for Video and Program Audio Services. A customer can order full-time and/or part-time service(s) between customer designated premises and a Hub and will be billed accordingly at the rates set forth in 7.5.4 or 7.5.5 following for the full-time or part-time service, as appropriate. At the request of a customer, the full-time and/or part-time services provided to the Hub may be connected together in the following configurations: full-time to full-time, full-time to part-time or part-time to part-time. The customer will be charged for each such connection made at the rates for Other Labor as set forth in 13.2.6(C) following. The rates that apply for the service between each customer designated premises and the Hub are a Channel Termination and Channel Mileage, if applicable. In addition, for Program Audio services, rates for optional features and functions may be applicable. (T) (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (Cont'd)

digital Channel Termination, Channel Mileage (when applicable), and Inside Wire Recovery Charge, if applicable, and the multiplexer at the time the facility is installed. Individual service rates (by service type) will apply for a Channel Termination and additional Channel Mileage (as required) and an Inside Wire Recovery Charge, if applicable, for each channelized service. These will be billed to the customer as each individual service is installed.

Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a Supergroup facility is de-multiplexed to five Group facilities, and then one of the Group facilities is further de-multiplexed to individual Voice Grade channels.

When cascading multiplexing is performed, whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different Hubbing locations, Channel Mileage charges also apply between the Hubs.

Although not requiring multiplexing, the Telephone Company will designate certain Hubs for Video and Program Audio Services. A customer can order full-time and/or part-time service(s) between customer designated premises and a Hub and will be billed accordingly at the rates set forth in 7.5.4 or 7.5.5 following for the full-time or part-time service, as appropriate. At the request of a customer, the full-time and/or part-time services provided to the Hub may be connected together in the following configurations: full-time to full-time, full-time to part-time or part-time to part-time. The customer will be charged for each such connection made at the rates for Other Labor as set forth in 13.2.6(C) following. The rates that apply for the service between each customer designated premises and the Hub are a Service Termination and Channel Mileage, if applicable. In addition, for Program Audio services, rates for optional features and functions and an Inside Wire Recovery Charge may be applicable.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.8 Shared Use of Analog and Digital High Capacity Service

Shared use occurs when Special Access Service and Switched Access Service are provided over the same High Capacity facilities through a common interface. The facility will be ordered, provided and rated as Special Access Service (i.e., Channel Termination, Channel Mileage, as appropriate, and Multiplexer). The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Special Access High Capacity Channel Termination. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the shared use facility. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. As each individual channel is activated for Switched Access Service, the Special Access Channel Termination and Channel Mileage rates will be reduced accordingly (e.g., 1/24th for a DS1 service, etc.). The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

Switched Access Service Rates and Charges as set forth in 6.8 preceding will apply for each channel of the shared use facility that is used to provide Switched Access Service. Where Special Access Service is provided utilizing a channel of the shared facility to the Hub, High Capacity Rates and Charges will apply for the facility to the Hub as set forth preceding and individual service rates will apply from the Hub to the customer designated premises. The Rates and Charges that will apply to the portion from the Hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, etc.). The applicable Rates and Charges will include a Channel Termination and Channel Mileage, if applicable. Rates and Charges for optional features and functions, associated with the service, if any, will apply as set forth in 7.5 following.

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7. Special Access Service (Cont'd)

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7.4 Rate Regulations (Cont'd)7.4.8 Shared Use of Analog and Digital High Capacity Service

Shared use occurs when Special Access Service and Switched Access Service are provided over the same High Capacity facilities through a common interface. The facility will be ordered, provided and rated as Special Access Service (i.e., Channel Termination, Channel Mileage, as appropriate, and Multiplexer). The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Special Access High Capacity Channel Termination. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the shared use facility. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. As each individual channel is activated for Switched Access Service, the Special Access Channel Termination and Channel Mileage rates will be reduced accordingly (e.g., 1/24th for a DS1 service, etc.). The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

Switched Access Service rates and charges as set forth in 6.8 preceding will apply for each channel of the shared use facility that is used to provide Switched Access Service. Where Special Access Service is provided utilizing a channel of the shared facility to the Hub, High Capacity rates and charges will apply for the facility to the Hub as set forth preceding and individual service rates will apply from the Hub to the customer designated premises. The rates and charges that will apply to the portion from the Hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, etc.). The applicable rates and charges will include a Channel Termination and Channel Mileage, if applicable. Rates and charges for optional features and functions, associated with the service, if any, will apply as set forth in 7.5 following. (C)

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

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7.4 Rate Regulations (Cont'd)

7.4.8 Shared Use of Analog and Digital High Capacity Service

Shared use occurs when Special Access Service and Switched Access Service are provided over the same High Capacity facilities through a common interface. The facility will be ordered, provided and rated as Special Access Service (i.e., Channel Termination, Channel Mileage, as appropriate, and Multiplexer). The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Special Access High Capacity Channel Termination. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the shared use facility. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. As each individual channel is activated for Switched Access Service, the Special Access Channel Termination and Channel Mileage rates will be reduced accordingly (e.g., 1/24th for a DS1 service, etc.). The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

Switched Access Service rates and charges as set forth in 6.8 preceding will apply for each channel of the shared use facility that is used to provide Switched Access Service. Where Special Access Service is provided utilizing a channel of the shared facility to the Hub, High Capacity rates and charges will apply for the facility to the Hub as set forth preceding and individual service rates will apply from the Hub to the customer designated premises. The rates and charges that will apply to the portion from the Hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, Telegraph, etc.). The applicable rates and charges will include a Channel Termination and Channel Mileage, if applicable. Rates and charges for optional features and functions, associated with the service, if any, will apply as set forth in 7.5 following.

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.8 Shared Use of Analog and Digital High Capacity Service

Shared use occurs when Special Access Service and Switched Access Service are provided over the same United TransLink<sup>SM</sup> or other High Capacity facilities through a common interface. The facility will be ordered, provided and rated as Special Access Service (i.e., Channel Termination, Channel Mileage, as appropriate, and Multiplexer). The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Special Access TransLink<sup>SM</sup> or other High Capacity Channel Termination. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the shared use facility. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. As each individual channel is activated for Switched Access Service, the Special Access Channel Termination and Channel Mileage rates will be reduced accordingly (e.g., 1/24th for a DS1 service, etc.). The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

Switched Access Service rates and charges as set forth in 6.8 preceding will apply for each channel of the shared use facility that is used to provide Switched Access Service. Where Special Access Service is provided utilizing a channel of the shared facility to the Hub, Widebank Analog, United TransLink<sup>SM</sup> or other High Capacity rates and charges will apply for the facility to the Hub as set forth preceding and individual service rates will apply from the Hub to the customer designated premises. The rates and charges that will apply to the portion from the Hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, Telegraph, etc.). The applicable rates and charges will include a Channel Termination and Channel Mileage, if applicable. Rates and charges for optional features and functions, associated with the service, if any, will apply as set forth in 7.5 following.

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ACCESS SERVICE

- 7. Special Access Service (Cont'd)
  - 7.4 Rate Regulations (Cont'd)
    - 7.4.9 Reserved for Future Use
    - 7.4.10 Reserved for Future Use

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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7.4 Rate Regulations (Cont'd)

7.4.9 Reserved for Future Use

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7.4.10 Reserved for Future Use

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

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7.4 Rate Regulations (Cont'd)

7.4.9 Inside Wire Recovery Charge

The Inside Wire Recovery Charge is a charge to recover that portion of inside wire cost that is assigned to Special Access Service. Inside wire are those facilities as set forth in Part 68 of the Federal Communications Commission's Rules and Regulations. Inside wire may be provided in association with Telegraph Grade, Voice Grade, Program Audio and Digital Data Channel Terminations.

(C)  
(T)

Pursuant to CC Docket 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on March 1, 1985 and released on March 8, 1985, this charge is assessed only to those customers to whom such wiring is provided at a customer designated premises. Accordingly, the charge applies on a per Channel Termination basis for Telegraph Grade, Voice Grade, Program Audio, Digital Data or WATS Access Line Special Access Services unless all such inside wire is provided by the customer.

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The rate for the Inside Wire Recovery Charge is set forth in 7.5.11 following.

7.4.10 Reserved for Future Use

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.9 Inside Wire Recovery Charge

The Inside Wire Recovery Charge is a charge to recover that portion of inside wire cost that is assigned to Special Access Service. Inside wire are those facilities as set forth in Part 68 of the Federal Communications Commission's Rules and Regulations. Inside wire may be provided in association with Metallic, Telegraph Grade, Voice Grade, Program Audio and United DigiLink<sup>SM</sup> Channel Terminations.

Pursuant to CC Docket 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on March 1, 1985 and released on March 8, 1985, this charge is assessed only to those customers to whom such wiring is provided at a customer designated premises. Accordingly, the charge applies on a per Channel Termination basis for Metallic, Telegraph Grade, Voice Grade, Program Audio, United DigiLink<sup>SM</sup> or WATS Access Line Special Access Services unless all such inside wire is provided by the customer.

The rate for the Inside Wire Recovery Charge is set forth in 7.5.11 following.

7.4.10 Reserved for Future Use

<sup>SM</sup> Registered service mark of United Telecommunications, Inc.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.11 Special Access Term Discount Plan

(A) General

The Special Access Term Discount Plan (TDP) applies to Special Access Digital Data Service (56.0 and 64.0 kbps), High Capacity DS1(1.544 Mbps) Service and DS1 to DS0 Multiplexing. The TDP provides the customer with discounted rates for the services listed. The customer agrees to a minimum service commitment per service when the TDP is established.

In order for a circuit to be eligible for TDP pricing, the customer must commit a channel termination and/or multiplexer associated with that circuit to a TDP. The commitment level for a circuit will be based on channel terminations and/or multiplexers. Customers may disconnect or move channel terminations and/or multiplexers within the state and not be subject to termination liability charges as long as the commitment levels are maintained.

(B) Commitment Level

All eligible special access rate elements for a given circuit (channel termination, channel mileage termination (fixed), channel mileage facility (per mile), or multiplexing) must be ordered for the same commitment period with the same service date for the same customer. A customer establishes a TDP by committing all or a portion of their in-service channel terminations and/or multiplexers to a minimum term of 3 years, up to a maximum term of 5 years. During the term of the selected TDP, the customer must maintain an in-service commitment threshold of not less than 90% nor more than 130% of the committed channel terminations and/or multiplexers.

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7. Special Access Service (Cont'd)

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7.4 Rate Regulations (Cont'd)

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7.4.11 Special Access Term Discount Plan

(A) General

The Special Access Term Discount Plan (TDP) applies to Special Access Digital Data **Service** (56.0 and 64.0 kbps), High Capacity DS1(1.544 Mbps) Service and DS1 to DS0 Multiplexing. The TDP provides the customer with discounted rates for the services listed. The customer agrees to a minimum service commitment per service when the TDP is established.

(T)

In order for a circuit to be eligible for TDP pricing, the customer must commit a channel termination and/or multiplexer associated with that circuit to a TDP. The commitment level for a circuit will be based on channel terminations and/or multiplexers. Customers may disconnect or move channel terminations and/or multiplexers within the state and not be subject to termination liability charges as long as the commitment levels are maintained.

(B) Commitment Level

All eligible special access rate elements for a given circuit (channel termination, channel mileage **termination** (fixed), channel mileage facility (per mile), or multiplexing) must be ordered for the same commitment period with the same service date for the same customer. A customer establishes a TDP by **committing** all or a portion of their in-service channel terminations and/or multiplexers to a minimum term of 3 years, up to a maximum term of 5 years. During the term of the selected TDP, the customer must maintain an in-service commitment threshold of not less than 90% nor more than 130% of the committed channel terminations and/or multiplexers.

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7. Special Access Service (Cont'd)

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7.4 Rate Regulations (Cont'd)

7.4.11 Special Access Term Discount Plan

(A) General

The Special Access Term Discount Plan (TDP) applies to Special Access Digital Data (56.0 and 64.0 kbps), High Capacity **DS1** (1.544 Mbps) Service **and DS1 to DS0 Multiplexing**. The TDP provides the customer with discounted rates for the services listed. The customer agrees to a minimum service commitment per service when the TDP is established. (C)

*In order for a circuit to be eligible for TDP pricing, the customer must commit a channel termination and/or multiplexer associated with that circuit to a TDP.* The commitment level for a circuit will be based on channel terminations **and/or multiplexers**. Customers may disconnect or move channel terminations **and/or multiplexers** within the state and not be subject to termination liability charges as long as the commitment levels are maintained. (N) | (N) (C) (C)

(B) Commitment Level

All eligible special access rate elements for a given circuit (channel termination, channel mileage (fixed), channel mileage **facility** (per mile), **or multiplexing**) must be ordered for the same commitment period with the same service date for the same customer. A customer establishes a TDP by selecting all or a portion of their in-service channel terminations **and/or multiplexers to a minimum term of 3 years, up to a maximum term of 5 years. During the term of the selected TDP, the customer must maintain an in-service commitment threshold of not less than 90% nor more than 130% of the committed channel terminations and/or multiplexers.** (C) (T) (C) | (C)

CANCELLED

FILED

FEB 07 2002

Public Service Commission  
MISSOURI

FEB 26 2001

MISSOURI  
Public Service Commission

ISSUED:  
January 26, 2001

Richard D. Lawson  
State Executive, External Affairs  
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Jefferson City, MO 65101

EFFECTIVE:  
February 26, 2001

SPRINT MISSOURI, INC.  
d/b/a/ SPRINT

First Revised Page 372.1  
Cancels Original Page 372.1

ACCESS SERVICE

7. Special Access Service (Cont'd)

Missouri Public  
Service Commission

7.4 Rate Regulations (Cont'd)

REC'D SEP 10 1999

7.4.11 Special Access Term Discount Plan

(A) General

The Special Access Term Discount Plan (TDP) applies to Special Access Digital Data Service (56.0 and 64.0 kbps), High Capacity (1.544 Mbps) Services. The TDP provides the customer with discounted rates for the services listed. The customer agrees to a minimum service commitment per service when the TDP is established. (T)

The commitment level will be based on channel terminations. Customers may disconnect or move channel terminations within the state and not be subject to termination liability charges as long as the commitment levels are maintained. (T)

(B) Commitment Level

All eligible special access rate elements for a given circuit (channel termination, channel mileage (fixed), channel mileage (per mile), multiplexing) must be ordered for the same commitment period with the same service date for the same customer. A customer establishes a TDP by selecting all or a portion of their in-service channel terminations and committing 90 percent or more of those channel terminations to a minimum term of 12 months up to a maximum term of 84 months.

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MISSOURI

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Service Commission

FILED OCT 15 1999

ISSUED:  
September 10, 1999

Richard D. Lawson  
State Executive, External Affairs

EFFECTIVE:

OCT 15 1999

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OF MISSOURI

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ACCESS SERVICE

7. Special Access Service (Cont'd)

APR 26 1996

7.4 Rate Regulations (Cont'd)

7.4.11 Special Access Term Discount Plan

MISSOURI  
Public Service Commission

(A) General

The Special Access Term Discount Plan (TDP) applies to Special Access United DigiLink<sup>sm</sup> Service (56.0 and 64.0 kbps), United TransLink<sup>sm</sup> (1.544 Mbps) and Other High Capacity Services. The TDP provides the customer with discounted rates for the services listed. The customer agrees to a minimum service commitment per service when the TDP is established.

The commitment level will be based on channel terminations. Customers may disconnect or move channel terminations within the state and not be subject to termination liability charges as long as the commitment levels are maintained.

(B) Commitment Level

All eligible special access rate elements for a given circuit (channel termination, channel mileage (fixed), channel mileage (per mile), multiplexing) must be ordered for the same commitment period with the same service date for the same customer. A customer establishes a TDP by selecting all or a portion of their in-service channel terminations and committing 90 percent or more of those channel terminations to a minimum term of 12 months up to a maximum term of 84 months.

CANCELLED

OCT 15 1999  
By *[Signature]* #372.1  
Public Service Commission  
MISSOURI

JUN 10 1996

ISSUED:  
April 26, 1996

BY: John L. Roe  
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EFFECTIVE:  
~~May 27, 1996~~  
JUN 10 1996



ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.11 Special Access Term Discount Plan (Cont'd)

(B) Commitment Level (Cont'd)

As long as a customer's actual in-service level of channel terminations and/or multiplexers remains within the commitment threshold, the customer will be billed the TDP rate for all eligible rate elements. Additionally, if a customer's in-service level exceeds the initial in-service level by no more than 30%, the customer will be billed the TDP rates for all eligible rate elements. For example, the customer has 200 DS1 channel terminations and/or multiplexers and elects to commit 150 channel terminations and multiplexers to a 3 year TDP. The customer will be billed TDP rates as long as the in service level of the channel terminations and/or multiplexers is equal to or greater than 135 (90% minimum threshold) but not more than 195 (130% maximum threshold).

If the customer's in-service request exceeds the initial service level by more than 30%, the customer will be billed the month-to-month rate for all facilities above the upper limit of the commitment threshold. If the customer's in-service level falls below the minimum commitment threshold, the customer will be billed liability charges for the number of Channel Terminations and/or multiplexers below the minimum commitment threshold and the customer's commitment level will be decreased to 110 percent of the customer's current in-service level. For example, a customer whose minimum commitment threshold is 135 Channel Terminations and/or multiplexers (90% of 150), but only has 125 in-service, will be billed termination liability charges for 10 Channel Terminations and/or multiplexers and the customer's commitment level will be decreased to 138 (110% of 125). The TDP rates billed will be based on the most recently disconnected facilities.

Although the commitment level is based upon channel terminations and/or multiplexers, the following rate elements will receive TDP rates:

Channel Mileage Facility (per mile)  
Channel Mileage Termination (fixed)  
Multiplexing  
Channel Termination

ISSUED:  
March 30, 2007

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ACCESS SERVICE

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Service Commission

REC'D DEC 06 2002

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.11 Special Access Term Discount Plan (Cont'd)

(B) Commitment Level (Cont'd)

As long as a customer's actual in-service level of channel terminations and/or multiplexers remains within the commitment threshold, the customer will be billed the TDP rate for all eligible rate elements. Additionally, if a customer's in-service level exceeds the initial in-service level by no more than 30%, the customer will be billed the TDP rates for all eligible rate elements. For example, the customer has 200 DS1 channel terminations and/or multiplexers and elects to commit 150 channel terminations and multiplexers to a 3 year TDP. The customer will be billed TDP rates as long as the in service level of the channel terminations and/or multiplexers is equal to or greater than 135 (90% minimum threshold) but not more than 195 (130% maximum threshold).

If the customer's in-service request exceeds the initial service level by more than 30%, the customer will be billed the month-to-month rate for all facilities above the upper limit of the commitment threshold. If the customer's in-service level falls below the minimum commitment threshold, the customer will be billed **liability charges for the number of Channel Terminations and/or multiplexers below the minimum commitment threshold and the customer's commitment level will be decreased to 110 percent of the customer's current in-service level.** For example, a customer whose minimum commitment threshold is 135 Channel Terminations and/or multiplexers (90% of 150), but only has 125 in-service, will be billed **termination liability charges for 10 Channel Terminations and/or multiplexers and the customer's commitment level will be decreased to 138 (110% of 125).** The TDP rates billed will be based on the most recently disconnected facilities.

(CT)  
|  
(CT)

Although the commitment level is based upon channel terminations and/or multiplexers, the following rate elements will receive TDP rates:

- Channel Mileage Facility (per mile)
- Channel Mileage Termination (fixed)
- Multiplexing
- Channel Termination

ISSUED:  
December 6, 2002

Richard D. Lawson  
State Executive, External Affairs  
319 Madison  
Jefferson City, MO 65101

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ACCESS SERVICE

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7. Special Access Service (Cont'd)

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7.4 Rate Regulations (Cont'd)

7.4.11 Special Access Term Discount Plan (Cont'd)

Service Commission

(B) Commitment Level (Cont'd)

As long as a customer's actual in-service level of channel terminations and/or multiplexers remains within the commitment threshold, the customer will be billed the TDP rate for all eligible rate elements. Additionally, if a customer's in-service level exceeds the initial in-service level by no more than 30%, the customer will be billed the TDP rates for all eligible rate elements. For example, the customer has 200 DS1 channel terminations and/or multiplexers and elects to commit 150 channel terminations and multiplexers to a 3 year TDP. The customer will be billed TDP rates as long as the in service level of the channel terminations and/or multiplexers is equal to or greater than 135 (90% minimum threshold) but not more than 195 (130% maximum threshold).

If the customer's in-service request exceeds the initial service level by more than 30%, the customer will be billed the month-to-month rate for all facilities above the upper limit of the commitment threshold. If the customer's in-service **level falls** below the minimum commitment threshold, the customer will be billed for the minimum commitment level of channel terminations and/or multiplexers at the TDP rate. For example, a customer whose minimum commitment threshold is 135 channel terminations and/or multiplexers, but only has 125 in-service, will be billed the TDP rates for 135 channel terminations and/or multiplexers and all associated rate elements. The TDP rates billed will be based on the most recently disconnected facilities.

(C)

Although the commitment level is based upon channel terminations **and/or multiplexers**, the following rate elements will receive TDP rates:

(C)

- Channel Mileage **Facility** (per mile)
- Channel Mileage **Termination** (fixed)
- Multiplexing
- Channel Termination

**CANCELLED**

(T)

(T)

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2nd RS 372.2  
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January 7, 2002

Richard D. Lawson  
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ACCESS SERVICE

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7. Special Access Service (Cont'd)

JAN 26 2001

7.4 Rate Regulations (Cont'd)

MISSOURI  
Public Service Commission

7.4.11 Special Access Term Discount Plan (Cont'd)

(B) Commitment Level (Cont'd)

As long as a customer's actual in-service level of channel terminations **and/or multiplexers remains within** the commitment **threshold**, the customer will be billed the TDP rate for all eligible rate elements. Additionally, if a customer's in-service level exceeds the initial in-service level by no more than 30%, the customer will be billed the TDP rates for all eligible rate elements. For example, the customer has **200 DS1 channel terminations and/or multiplexers** and elects to commit **150 channel terminations and multiplexers to a 3 year TDP**. The customer will be billed TDP rates as long as the **in service** level of the channel terminations **and/or multiplexers** is equal to **or greater than 135 (90% minimum threshold)** but not more than **195 (130% maximum threshold)**.

(M)  
(C)  
(M)  
(C)  
(C)

If the customer's in-service request exceeds the initial service level by more than 30%, the customer will be billed the month-to-month rate for all facilities above the upper limit of the commitment **threshold**. If the customer's in-service level request falls below the **minimum commitment threshold**, the customer will be billed for the **minimum commitment level of channel terminations and/or multiplexers** at the TDP rate. For example, a customer **whose minimum commitment threshold is 135 channel terminations and/or multiplexers, but only has 125 in-service, will be billed the TDP rates for 135 channel terminations and/or multiplexers and all associated rate elements**. The TDP rates billed will be based on the most recently disconnected facilities.

(C)  
(C)

Although the commitment level is based upon channel terminations, the following rate elements will receive TDP rates:

(M)  
(M)

- Channel Mileage (per mile)
- Channel Mileage (fixed)
- Multiplexing
- Channel Termination

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(M) Material previously appeared in another location on this page.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

APR 26 1996

7.4 Rate Regulations (Cont'd)

MISSOURI

7.4.11 Special Access Term Discount Plan (Cont'd) **Public Service Commission**

(B) Commitment Level (Cont'd)

Although the commitment level is based upon channel terminations, the following rate elements will receive TDP rates:

- Channel Mileage (per mile)
- Channel Mileage (fixed)
- Multiplexing
- Channel Termination

As long as a customer's actual in-service level of channel terminations is at the commitment level, the customer will be billed the TDP rate for all eligible rate elements. Additionally, if a customer's in-service level exceeds the initial in-service level by no more than 30%, the customer will be billed the TDP rates for all eligible rate elements. For example, the customer has 100 DS1 channel terminations and commits to 90% for a 24 month term. The customer will be billed TDP rates as long as the service level of the channel terminations is equal to 90 but not more than 130.

If the customer's in-service request exceeds the initial service level by more than 30%, the customer will be billed the month-to-month rate for all facilities above the upper limit of the commitment level. If the customer's in-service level request falls below the commitment level, the customer will be billed for the commitment level of the channel terminations at the TDP rate. For example, a customer that commits 90 channel terminations, but only has 70 in-service, will be billed the TDP rates for 90 channel terminations and all associated rate elements. The TDP rates billed will be based on the most recently disconnected facilities.

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Public Service Commission  
MISSOURI

JUN 10 1996

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April 26, 1996

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