

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(5) <u>Multiplexing</u>			
Per arrangement			
DSO to Subrates			
Up to 20 2.4 kbps services			
	QSU24		
<u>Nonzoned</u>			
Zone 1 - AR		\$135.00	
Zone 2 - AR		\$135.00	(N)
Zone 3 - AR		\$135.00	(N)
Zone 1 - MO		\$135.00	
Zone 2 - MO		\$135.00	
Zone 3 - MO		\$135.00	
Zone 1 - OK		\$135.00	(N)
Zone 2 - OK		\$135.00	(N)
Zone 3 - OK		\$135.00	(N)
Zone 1 - TX		\$135.00	
Zone 2 - TX		\$135.00	
Zone 3 - TX		\$135.00	
<u>Nonrecurring Charge</u>			
<u>Nonzoned</u>			
Zone 1 - AR		\$ 0.00	(N)
Zone 2 - AR		\$ 0.00	(N)
Zone 3 - AR		\$ 0.00	(N)
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	(N)
Zone 2 - OK		\$ 0.00	(N)
Zone 3 - OK		\$ 0.00	(N)
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

(This page filed under Transmittal No. 2492)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(5) <u>Multiplexing</u>			
Per arrangement (Cont'd)			
DS0 to Subrates (Cont'd)			
Up to 10 4.8 kbps services			
	QSU48		
Nonzoned		\$125.00	
Zone 1 - AR		\$125.00	(N)
Zone 2 - AR		\$125.00	
Zone 3 - AR		\$125.00	(N)
Zone 1 - MO		\$125.00	
Zone 2 - MO		\$125.00	
Zone 3 - MO		\$125.00	
Zone 1 - OK		\$125.00	(N)
Zone 2 - OK		\$125.00	
Zone 3 - OK		\$125.00	(N)
Zone 1 - TX		\$125.00	
Zone 2 - TX		\$125.00	
Zone 3 - TX		\$125.00	
<u>Nonrecurring Charge</u>			
Nonzoned		\$ 0.00	
Zone 1 - AR		\$ 0.00	(N)
Zone 2 - AR		\$ 0.00	
Zone 3 - AR		\$ 0.00	(N)
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	(N)
Zone 2 - OK		\$ 0.00	
Zone 3 - OK		\$ 0.00	(N)
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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One Bell Center, St. Louis, Missouri 63101

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(5) <u>Multiplexing</u>			
Per arrangement (Cont'd)			
DSO to Subrates (Cont'd)			
Up to 5 9.6 kbps services			
	QS096		
<u>Nonzoned</u>			
Zone 1 - AR		\$235.00	
Zone 2 - AR		\$235.00	(N)
Zone 3 - AR		\$235.00	(N)
Zone 1 - MO		\$235.00	
Zone 2 - MO		\$235.00	
Zone 3 - MO		\$235.00	
Zone 1 - OK		\$235.00	(N)
Zone 2 - OK		\$235.00	(N)
Zone 3 - OK		\$235.00	(N)
Zone 1 - TX		\$235.00	
Zone 2 - TX		\$235.00	
Zone 3 - TX		\$235.00	
<u>Nonrecurring Charge</u>			
<u>Nonzoned</u>			
Zone 1 - AR		\$ 0.00	
Zone 2 - AR		\$ 0.00	(N)
Zone 3 - AR		\$ 0.00	(N)
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	(N)
Zone 2 - OK		\$ 0.00	(N)
Zone 3 - OK		\$ 0.00	(N)
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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One Bell Center, St. Louis, Missouri 63101

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(5) <u>Multiplexing</u>			
Per arrangement (Cont'd)			
DS1 to DS0	<u>OMU</u>		
Nonzoned		\$180.00	
Zone 1 - AR		\$180.00	(N)
Zone 2 - AR		\$180.00	
Zone 3 - AR		\$180.00	(N)
Zone 1 - MO		\$180.00	
Zone 2 - MO		\$180.00	
Zone 3 - MO		\$180.00	
Zone 1 - OK		\$180.00	(N)
Zone 2 - OK		\$180.00	
Zone 3 - OK		\$180.00	(N)
Zone 1 - TX		\$180.00	
Zone 2 - TX		\$180.00	
Zone 3 - TX		\$180.00	
			<u>Nonrecurring Charge</u>
Nonzoned		\$ 0.00	
Zone 1 - AR		\$ 0.00	(N)
Zone 2 - AR		\$ 0.00	
Zone 3 - AR		\$ 0.00	(N)
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	(N)
Zone 2 - OK		\$ 0.00	
Zone 3 - OK		\$ 0.00	(N)
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(5) <u>Multiplexing</u>			
Per arrangement (Cont'd)			
DS1 to Voice	MQ1		
Nonzoned		\$180.00	
Zone 1 - AR		\$180.00	(N)
Zone 2 - AR		\$180.00	
Zone 3 - AR		\$180.00	(N)
Zone 1 - MO		\$180.00	
Zone 2 - MO		\$180.00	
Zone 3 - MO		\$180.00	
Zone 1 - OK		\$180.00	(N)
Zone 2 - OK		\$180.00	
Zone 3 - OK		\$180.00	(N)
Zone 1 - TX		\$180.00	
Zone 2 - TX		\$180.00	
Zone 3 - TX		\$180.00	
		<u>Nonrecurring Charge</u>	
Nonzoned		\$ 0.00	
Zone 1 - AR		\$ 0.00	(N)
Zone 2 - AR		\$ 0.00	
Zone 3 - AR		\$ 0.00	(N)
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	(N)
Zone 2 - OK		\$ 0.00	
Zone 3 - OK		\$ 0.00	(N)
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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One Bell Center, St. Louis, Missouri 63101

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(6) <u>Clear Channel Capability</u>	CLR		
Per channel termination			
<u>Nonzoned</u>		\$ 0.00	
Zone 1 - AR		\$ 0.00	(N)
Zone 2 - AR		\$ 0.00	(N)
Zone 3 - AR		\$ 0.00	(N)
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	(N)
Zone 2 - OK		\$ 0.00	(N)
Zone 3 - OK		\$ 0.00	(N)
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	
		<u>Nonrecurring Charge</u>	
<u>Nonzoned</u>		\$100.00	
Zone 1 - AR		\$100.00	(N)
Zone 2 - AR		\$100.00	(N)
Zone 3 - AR		\$100.00	(N)
Zone 1 - MO		\$100.00	
Zone 2 - MO		\$100.00	
Zone 3 - MO		\$100.00	
Zone 1 - OK		\$100.00	(N)
Zone 2 - OK		\$100.00	(N)
Zone 3 - OK		\$100.00	(N)
Zone 1 - TX		\$100.00	
Zone 2 - TX		\$100.00	
Zone 3 - TX		\$100.00	

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One Bell Center, St. Louis, Missouri 63101

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(7) <u>Extended Superframe Format</u>	SP1		
Per channel termination			
Nonzoned		\$ 0.00	
Zone 1 - AR		\$ 0.00	(N)
Zone 2 - AR		\$ 0.00	
Zone 3 - AR		\$ 0.00	(N)
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	(N)
Zone 2 - OK		\$ 0.00	
Zone 3 - OK		\$ 0.00	(N)
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	
		<u>Nonrecurring Charge</u>	
Nonzoned		\$ 0.00	
Zone 1 - AR		\$ 0.00	(N)
Zone 2 - AR		\$ 0.00	
Zone 3 - AR		\$ 0.00	(N)
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	(N)
Zone 2 - OK		\$ 0.00	
Zone 3 - OK		\$ 0.00	(N)
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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One Bell Center, St. Louis, Missouri 63101

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(8) <u>Power Over the Interface</u>	PW1		
Per channel termination			
Nonzoned		\$ 0.00	
Zone 1 - AR		\$ 0.00	(N)
Zone 2 - AR		\$ 0.00	(N)
Zone 3 - AR		\$ 0.00	(N)
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	(N)
Zone 2 - OK		\$ 0.00	(N)
Zone 3 - OK		\$ 0.00	(N)
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	
		<u>Nonrecurring Charge</u>	
Nonzoned		\$ 0.00	
Zone 1 - AR		\$ 0.00	(N)
Zone 2 - AR		\$ 0.00	(N)
Zone 3 - AR		\$ 0.00	(N)
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	(N)
Zone 2 - OK		\$ 0.00	(N)
Zone 3 - OK		\$ 0.00	(N)
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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One Bell Center, St. Louis, Missouri 63101

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(9) <u>SecureNet</u>			
Per channel termination			
Hub Redundancy	R16AA		
Nonzoned			
Zone 1 - AR		\$ 185.58	
Zone 2 - AR		\$ 185.58	(N)
Zone 3 - AR		\$ 185.58	(N)
Zone 1 - MO		\$ 185.58	
Zone 2 - MO		\$ 185.58	
Zone 3 - MO		\$ 185.58	
Zone 1 - OK		\$ 185.58	(N)
Zone 2 - OK		\$ 185.58	(N)
Zone 3 - OK		\$ 185.58	(N)
Zone 1 - TX		\$ 185.58	
Zone 2 - TX		\$ 185.58	
Zone 3 - TX		\$ 185.58	
<u>Nonrecurring Charge</u>			
Nonzoned			
Zone 1 - AR		\$1,422.00	
Zone 2 - AR		\$1,422.00	(N)
Zone 3 - AR		\$1,422.00	(N)
Zone 1 - MO		\$1,422.00	
Zone 2 - MO		\$1,422.00	
Zone 3 - MO		\$1,422.00	
Zone 1 - OK		\$1,422.00	(N)
Zone 2 - OK		\$1,422.00	(N)
Zone 3 - OK		\$1,422.00	(N)
Zone 1 - TX		\$1,422.00	
Zone 2 - TX		\$1,422.00	
Zone 3 - TX		\$1,422.00	

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One Bell Center, St. Louis, Missouri 63101

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(9) <u>SecureNet</u> (Cont'd)			
Per channel termination (Cont'd)			
Serving Wire Center and Facility Redundancy R18AB			
Nonzoned		\$ 140.44	
Zone 1 - AR		\$ 140.44	(N)
Zone 2 - AR		\$ 140.44	
Zone 3 - AR		\$ 140.44	(N)
Zone 1 - MO		\$ 140.44	
Zone 2 - MO		\$ 140.44	
Zone 3 - MO		\$ 140.44	
Zone 1 - OK		\$ 140.44	(N)
Zone 2 - OK		\$ 140.44	
Zone 3 - OK		\$ 140.44	(N)
Zone 1 - TX		\$ 140.44	
Zone 2 - TX		\$ 140.44	
Zone 3 - TX		\$ 140.44	
<u>Nonrecurring Charge</u>			
Nonzoned		\$ 923.00	
Zone 1 - AR		\$ 923.00	(N)
Zone 2 - AR		\$ 923.00	
Zone 3 - AR		\$ 923.00	(N)
Zone 1 - MO		\$ 923.00	
Zone 2 - MO		\$ 923.00	
Zone 3 - MO		\$ 923.00	
Zone 1 - OK		\$ 923.00	(N)
Zone 2 - OK		\$ 923.00	
Zone 3 - OK		\$ 923.00	(N)
Zone 1 - TX		\$ 923.00	
Zone 2 - TX		\$ 923.00	
Zone 3 - TX		\$ 923.00	

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One Bell Center, St. Louis, Missouri 63101

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(10) <u>Transfer Arrangement, Key Activated*</u>	USV		
Per four port arrangement including control channel termination**			
<u>Nonrecurring Charge</u>			
Nonzoned		\$ 184.24	
Zone 1 - AR		\$ 184.24	(N)
Zone 2 - AR		\$ 184.24	
Zone 3 - AR		\$ 184.24	(N)
Zone 1 - MO		\$ 184.24	
Zone 2 - MO		\$ 184.24	
Zone 3 - MO		\$ 184.24	
Zone 1 - OK		\$ 184.24	(N)
Zone 2 - OK		\$ 184.24	
Zone 3 - OK		\$ 184.24	(N)
Zone 1 - TX		\$ 184.24	
Zone 2 - TX		\$ 184.24	
Zone 3 - TX		\$ 184.24	
<u>Nonrecurring Charge</u>			
Nonzoned		\$ 213.00	
Zone 1 - AR		\$ 213.00	(N)
Zone 2 - AR		\$ 213.00	
Zone 3 - AR		\$ 213.00	(N)
Zone 1 - MO		\$ 213.00	
Zone 2 - MO		\$ 213.00	
Zone 3 - MO		\$ 213.00	
Zone 1 - OK		\$ 213.00	(N)
Zone 2 - OK		\$ 213.00	
Zone 3 - OK		\$ 213.00	(N)
Zone 1 - TX		\$ 213.00	
Zone 2 - TX		\$ 213.00	
Zone 3 - TX		\$ 213.00	

\* The key activated control channel is rated as a Metallic Channel Termination (use USOC T6EME in lieu of T6ECS) and Channel Mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).

\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage will also apply when the transfer arrangement is not located in the customer premises serving wire center.

(This page filed under Transmittal No. 2492)

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

ACCESS SERVICE TARIFF  
Section 7  
16th Revised Sheet 100

### ACCESS SERVICE

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

#### 7.3 Service Descriptions, Rates and Charges (Cont'd)

#### 7.3.10 High Capacity Service

##### (A) Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps\* or 1.544 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 (1) between customer designated premises, (2) between a customer designated premises and a Telephone Company Hub, (3) between Network Reconfiguration Service Hubs at 1.544 Mbps transmission, (4) between Transport Resource Management Service Hubs at 1.544 Mbps transmission, (5) between a Transport Resource Management Service Hub and a Telephone Company Hub at 1.544 Mbps transmission, or (6) between a Network Reconfiguration Service Hub and a Transport Resource Management Service Hub at 1.544 Mbps transmission. High Capacity (1.544 Mbps) channels are also provided in conjunction with Frame Relay Service as set forth in Section 15.

(AT) Loop Redundancy, which provides automatic restoration of the 1.544 Mbps High Capacity Service Channel Termination and physical route redundancy between the customer's premises and the customer's serving wire center in the event of a single loop failure, will be provided on High Capacity Channel Terminations in those situations where the customer's premises and serving wire center are equipped with the necessary equipment and facilities. If the equipment and facilities are not available, the interval for loop redundancy will be within 2 years from the date of customer request or the agreed upon date if Special Construction applies.

It is the customer's responsibility to arrange for the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. When a single High Capacity channel is ordered to be terminated at a customer's designated Interexchange Carrier's all digital POP which requires a minimum digital interface level of 44.736

(C) Mbps, the Telephone Company will provide the required interface where facilities are available.

(MT)

\*Available only as a channel of a 1.544 Mbps facility between two Telephone Company MegaLink Data Hubs. The customer must provide system and channel assignment data.

Issued: June 29, 1995

Effective: July 21, 1995

By A. Dale Robertson, President-Arkansas  
Southwestern Bell Telephone Company  
Little Rock, Arkansas

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

ACCESS SERVICE TARIFF  
Section 7  
3rd Revised Sheet 100.01

### ACCESS SERVICE

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

#### 7.3 Service Descriptions, Rates and Charges (Cont'd)

#### 7.3.10 High Capacity Service (Cont'd)

#### (MT) (B) Technical Specifications Packages

Transmission Parameter	Package HC-					
	0	1	1C	2	3	4
Error-Free Seconds		X				

(MT) A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a Channel Service Unit equivalent which is designed, manufactured, and maintained to conform with the specifications contained in the appropriate Technical Reference for High Capacity Service.

#### (C) Channel Interfaces (CI)

The following channel interface defines the bit rate that is available for a High Capacity DS1 channel:

<u>CI</u>	<u>Bit Rate</u>
DS-15*	1.544 Mbps (DS1)

#### (D) Service to Service Through Connect Arrangement

##### (1) High Capacity Service Arrangement

This provides the interconnection of two DS1 services at a Digital Hub.

##### (2) Multiplexed Service Arrangement

This provides the interconnection of two digital channels extended from High Capacity multiplexed services. The through connect will be provisioned in lieu of a typical High Capacity channel termination. The ordering customer must provide channel assignments for both multiplexed services. Channel mileage is required if the multiplexed services are terminated in two separate digital hubs.

\* A 64.0 kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Telephone Company Hub.

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

ACCESS SERVICE TARIFF  
Section 7  
3rd Revised Sheet 100.02

### ACCESS SERVICE

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

##### 7.3 Service Descriptions, Rates and Charges (Cont'd)

###### 7.3.10 High Capacity Service (Cont'd)

#### (E) Optional Features, BSEs and Functions

	Package HC-	
	0	1
Automatic Loop Transfer		X
Central Office Multiplexing:		
DS0 to Subrate *	X	
DS1 to DS0		X
DS1 to Voice		X
Clear Channel Capability		X
Extended Superframe Format		X
(AT) Power Over the Interface (1)		X
SecureNet Hub Redundancy		X
Secure Net Service Wire Center and Facility Redundancy		X
SecureNet Loop Redundancy		X
Transfer Arrangement		X

#### (1) Automatic Loop Transfer BSE

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.

(AT) (1) Obsolete and limited to existing installations at existing locations, for existing customers as of December 15, 1993.

\* Available only on a channel of a 1.544 Mbps facility to a Telephone Company Hub or on a DS0 channel that connects to a customer's Network Reconfiguration Service (NRS) network which contains a DS1 channel.

Issued: November 15, 1993

Effective: December 15, 1993

By Michael T. Flynn, President-Arkansas  
Southwestern Bell Telephone Company  
Little Rock, Arkansas

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

ACCESS SERVICE TARIFF  
Section 7  
3rd Revised Sheet 100.03

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(E) Optional Features, BSEs and Functions (Cont'd)

(2) Central Office Multiplexing BSE

(a) DSO 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.

(b) DS1 to DSO

An arrangement that converts a 1.544 Mbps channel to 23 64.0 kbps channels utilizing digital time division multiplexing.

(c) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel of this DS1 to the hub can also be used for MegaLink Data, DevLink<sup>SM</sup>, Program Audio, Metallic Service, or WATS Access Lines.

(AT)

Issued: October 5, 1992

Effective: January 28, 1993

By Michael T. Flynn, President-Arkansas Division  
Southwestern Bell Telephone Company  
Little Rock, Arkansas

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

ACCESS SERVICE TARIFF  
Section 7  
1st Revised, Sheet 100.04

## ACCESS SERVICE

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

(CT)

#### 7.3 Service Descriptions, Rates and Charges (Cont'd)

##### 7:3.10 High Capacity Service (Cont'd)

#### (E) Optional Features, BSEs and Functions (Cont'd)

##### (3) Clear Channel Capability BSE

Clear Channel Capability is a BSE that provides the customer with 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 on 1.544 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 the appropriate Technical Reference for High Capacity Service. Customer equipment must be compatible with this method of providing the unconstrained signal.

##### (4) Extended Superframe Format BSE

Extended Superframe Format is a BSE that passes a customer provided framing format for 1.544 Mbps High Capacity service. Extended Superframe Format extends the customer's 1.544 Mbps framing structure from 12 to 24 frames and divides the 8 kbps 193rd bit position pattern into three distinct functionalities: 2 kbps for frame synchronization, 2 kbps for cyclic redundancy checking, and 4 kbps used primarily to send performance monitoring information over the Facilities Data Link.

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Little Rock, Arkansas

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ACCESS SERVICE TARIFF  
Section 7  
8th Revised Sheet 101

#### ACCESS SERVICE

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

#### 7.3 Service Descriptions, Rates and Charges (Cont'd)

##### 7.3.10 High Capacity Service (Cont'd)

#### (E) Optional Features, BSEs and Functions (Cont'd)

#### (AT) (5) Power Over the Interface (1)

Power Over the Interface is an optional feature available with the installation of 1.544 Mbps High Capacity service. This option provides line power to the Customer's Premises Equipment, enabling the customer to benefit from uninterrupted service if a commercial power failure occurs.

#### (6) SecureNet

SecureNet options provide automatic restoration capabilities which prevent service interruption in the event of a single facility break or a single electronics failure. SecureNet Options are available with two-point 1.544 Mbps High Capacity Service and are available only where fiber optic facilities are used to provide the 1.544 Mbps High Capacity Service.

The automatic restoration capabilities are provided through the use of intelligent components which are capable of sensing transmission failure and by separately routing the primary transmission path and secondary transmission path in geographically separate fiber optic cables. In the event of a transmission failure, the intelligent components will automatically switch the 1.544 Mbps High Capacity Service to either the primary or secondary transmission path within 2.0 seconds.

(AT) (1) Obsolete and limited to existing installations at existing locations, for existing customers as of December 15, 1993.

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ACCESS SERVICE TARIFF  
Section 7  
9th Revised Sheet 102

#### ACCESS SERVICE

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

#### 7.3. Service Descriptions, Rates and Charges (Cont'd)

#### 7.3.10 High Capacity Service (Cont'd)

#### (E) Optional Features, BSEs and Functions (Cont'd)

#### (6) SecureNet (Cont'd)

The primary and secondary transmission paths for 1.544 Mbps High Capacity Service provisioned with SecureNet will be routed in geographically separate fiber optic cables up to the nearest point to the customer's premises that route redundancy can be achieved. In the event a facility break occurs in that portion of the 1.544 Mbps High Capacity Service for which route redundancy could not be achieved, the Telephone Company cannot guarantee automatic restoration of the customer's service within 2.0 seconds and a credit as set forth for SecureNet in 2.5.6(B) and 2.5.7(A) (MegaLink Custom and Special Access Services Equipped with a SecureNet Option) will not apply.

(AT) SecureNet options are available at those serving wire centers where equipment and facilities are available. Hub Redundancy and Serving Wire Center and Facility Redundancy will be provided in those serving wire centers found in the National Exchange Carrier Association, Inc. Tariff FCC No. 4. Technical specifications may be referenced in the appropriate Technical Reference.

(AT) SecureNet is provided with two options allowing for two levels of 1.544 Mbps High Capacity Service Redundancy.

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ACCESS SERVICE TARIFF  
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**ACCESS SERVICE**

(RT)

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ACCESS SERVICE Tariff  
Section 7  
Amended 9th Revised Sheet 104

#### ACCESS SERVICE

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

#### 7.3 Service Descriptions, Rates and Charges (Cont'd)

#### 7.3.10 High Capacity Service (Cont'd)

#### (E) Optional Features, BSEs and Functions (Cont'd)

#### (6) SecureNet (Cont'd)

#### (a) Hub Redundancy

This option provides automatic restoration of the 1.544 Mbps High Capacity Service and physical route redundancy from the customer's premises to the customer's DS3/DS1 multiplexing hub in the event of a single loop, serving wire center, interoffice facility or hub failure. The customer's wire center and multiplexing hub may be collocated. This option includes interoffice mileage for the redundant facility. When a 1.544 Mbps High Capacity Service is derived from a MegaLink Custom Electrical Service via multiplexing and provisioned with Hub Redundancy, the MegaLink Custom Electrical service must also be provisioned with this option in accordance with 16.2.2 (SecureNet). A 1.544 Mbps High Capacity Service equipped with Hub Redundancy may be directly connected to a Self-healing Transport Network as described in 19.3.1(B) (2) (b) (SecureNet Interconnection with High Capacity DS1 Services).

(AT) Hub Redundancy is available where more than one exchange telephone company is involved (i.e. jointly provided service) when those telephone companies have agreed upon facilities and terms and conditions of the jointly provided service.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

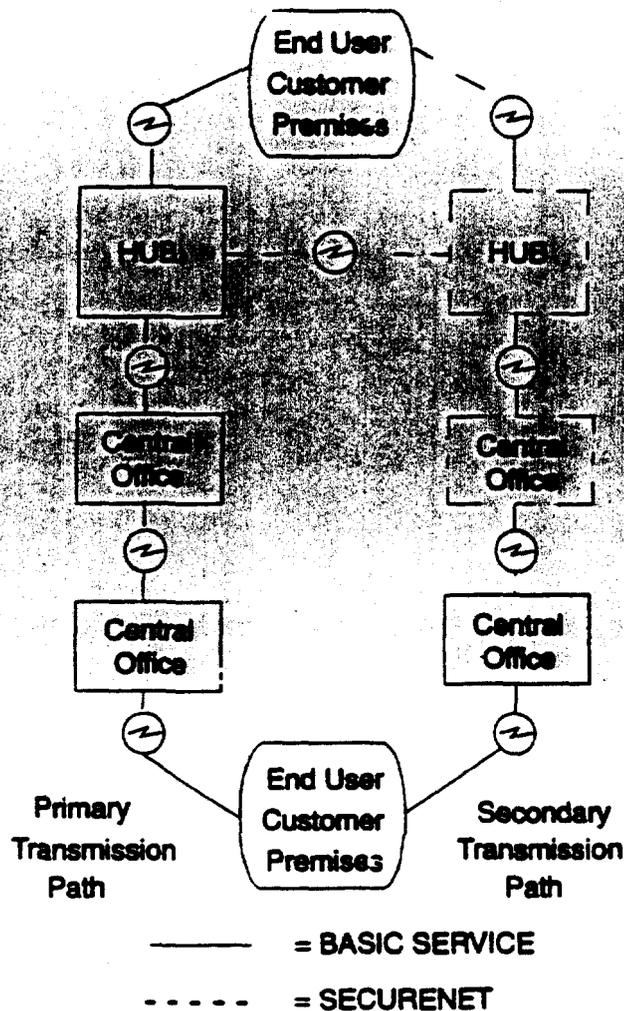
(E) Optional Features, BSEs and Functions (Cont'd)

(6) SecureNet (Cont'd)

(a) Hub Redundancy

The following diagram depicts SecureNet with the Hub Redundancy option.

(CT)



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ACCESS SERVICE TARIFF  
Section 7  
5th Revised Sheet 106

#### ACCESS SERVICE

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

#### 7.3 Service Descriptions, Rates and Charges (Cont'd)

#### 7.3.10 High Capacity Service (Cont'd)

#### (E) Optional Features, BSEs and Functions (Cont'd)

#### (6) SecureNet (Cont'd)

#### (b) Serving Wire Center and Facility Redundancy

This option provides automatic restoration of the 1.544 Mbps High Capacity Service and physical route redundancy from the customer's premises to a DS3/DS1 multiplexing hub or from a customer's premises to another premises in the event of a single loop, wire center or interoffice facility failure. The customer's serving wire center and DS3/DS1 multiplexing hub are separate locations. This option includes interoffice mileage for the redundant facility.

(AT) Serving Wire Center and Facility Redundancy is available where more than one exchange telephone company is involved (i.e., jointly provided service) when those telephone companies have agreed upon facilities and terms and conditions of the jointly provided service.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

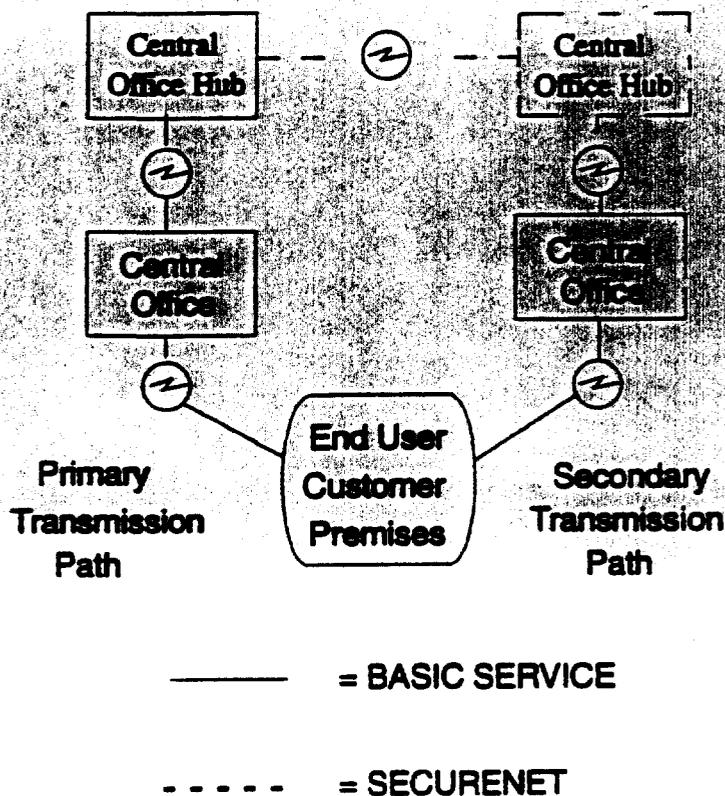
(E) Optional Features, SSEs and Functions (Cont'd)

(6) SecureNet (Cont'd)

(b) Serving Wire Center and Facility Redundancy (Cont'd)

The following diagram depicts SecureNet with the Serving Wire Center and Facility Redundancy option.

(CT)



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ACCESS SERVICE TARIFF  
Section 7  
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