

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Multiplexing

Per Arrangement

- DS3 to DS1

- DS1 to Voice

Monthly
RateTariff
Section
Reference

6.1.3(A)(5)

\$ 269.93

\$ 104.21

Premium Access- Tandem Switched Transport- Tandem Switched Facility*

Per Access Minute Per Mile

\$0.000114

6.1.3(A)(3)

- Tandem Switched Termination*

Per Access Minute

Per Termination

\$0.000592

- Tandem Switching*

Per Access Minute

Per Tandem

\$0.001494

6.1.3(A)(3)

- Joint Tandem Switched Transport*

Per Originating Toll Free Only

Access Minute Per Tandem

\$0.001

- Network Blocking Per Blocked Call

Applies to FGD only

\$0.009282

6.8.6

- Toll Free Data Base Access Service Queries

Per Query

Basic

Vertical Feature

\$0.001704

\$0.001872

(R)

(R)

ESALT Real Time CoS/QoS

Per ESALT Direct Trunked Facility, Per Option

ESALT 2 Mbps

\$ 5.00

ESALT 10 Mbps

\$ 24.98

ESALT 50 Mbps

\$ 77.74

ESALT Entrance Facility Protection

Per ESALT Entrance Facility

ESALT 2 Mbps

\$160.81

ESALT 10 Mbps

\$160.81

ESALT 50 Mbps

\$160.81

*The Joint Tandem Switched Transport rate element applies per tandem to originating toll free minutes only in lieu of the Tandem Switched Facility, Tandem Switched Termination and Tandem Switching rate elements as of July 1, 2021.

Transmittal No. 244

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff
Section
Reference(A) Local Switching
Premium

- Per Originating Access Minute

6.1.3(B)(1)

Non-Toll Free

\$0.010865

Toll Free Only

\$0.005433

(R)

- Per Terminating Access Minute

\$0.000000

Non-Premium

- Per Originating Access Minute

6.1.3(B)(1)

Non-Toll Free

\$0.004889

Toll Free Only

\$0.002445

(R)

- Per Terminating Access Minute

\$0.000000

(B) Information Surcharge-Premium

Per Originating 100 Access Minutes

6.1.3(B)(2)

Non-Toll Free

\$0.029872

Toll Free Only

\$0.014936

(R)

Per Terminating 100 Access Minutes

\$0.000000

-Non-Premium

Per Originating 100 Access Minutes

6.1.3(B)(2)

Non-Toll Free

\$0.013422

Toll Free Only

\$0.006721

(R)

Per Terminating 100 Access Minutes

\$0.000000

Transmittal No. 244

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6 of the JSI Tariff F.C.C. No. 1.

		Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>	
(A)	Channel Termination Per Termination			
	- Two-Wire	\$17.11 (I)	\$235.87	(I)
	- Four-Wire	\$27.37 (I)	\$235.87	(I)
(B)	Channel Mileage			
(1)	Channel Mileage Facility Per Mile	\$ 1.22		(I)
(2)	Channel Mileage Termination Per Termination	\$12.26		(I)
(C)	Optional Features and Functions			
(1)	Bridging			
	(a) <u>Voice Bridging</u> Per Port			
	Two-Wire/Four-Wire			
	- Two-Wire	\$ 2.06		(I)
	- Four-Wire	\$ 2.06		(I)

Transmittal No. 244

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)Monthly
Rate

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

(1) Bridging (Cont'd)

(b) Data Bridging
Per Port

- Two-Wire \$2.06 (I)

- Four-Wire \$2.06 (I)

(c) Telephoto Bridging per port

- Two-Wire \$2.06 (I)

- Four-Wire \$2.06 (I)

Transmittal No. 244

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

		Monthly Rate	
(C)	Optional Features and Functions (Cont'd)		
(2)	Conditioning Per Termination		
	- C Type	\$3.04	(I)
	- Improved Attenuation Distortion*	None	
	- Improved Envelope Delay Distortion*	None	
	- Data Capability	\$2.70	(I)
	- Telephoto Capability	\$2.86	(I)
	- Sealing Current	None	
(3)	Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination		
	- Two-Wire	\$4.33	(I)
	- Four-Wire	\$4.33	(I)
(4)	Customer Specified Receive Level per two-wire termination	\$3.27	(I)

* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

Transmittal No. 244

Issued: June 16, 2022

Effective: July 1, 2022

President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

		Monthly Rate	
(C)	Optional Features and Functions (Cont'd)		
(5)	Multiplexing Per arrangement Voice to Telegraph Grade	\$ 71.74	(I)
(6)	Signaling Capability Per termination	\$ 6.94	(I)
(7)	Selective Signaling Arrangement Per arrangement	\$ 2.06	(I)
(8)	Transfer Arrangement (key activated* or dial up**)		
-	Per four port arrangement including control channel termination***	\$ 0.99	(I)
-	Per five port arrangement including control channel termination***	\$ 2.27	(I)
(9)	Public Packet Switching Network (PPSN) Interface Arrangement Per arrangement	ICB	

ICB rates and charges are filed in Section 17.3.9 following.

* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

** The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

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

Transmittal No. 244

Issued: June 16, 2022

President
7852 Walker Drive, Greenbelt, Maryland 20770

Effective: July 1, 2022

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service

Regulations concerning Digital
DataService are set forth in
Section 7.9 of the JSI Tariff
No. 1.

Monthly
Rate

Nonrecurring
Charge

(A) Channel Termination
Per Termination

- 2.4 kbps	\$31.57	(I)	\$204.42	(I)
- 4.8 kbps	31.57	(I)	204.42	(I)
- 9.6 kbps	31.57	(I)	204.42	(I)
- 19.2 kbps	31.57	(I)	204.42	(I)
- 56.0 kbps	31.57	(I)	204.42	(I)
- 64.0 kbps	31.57	(I)	204.42	(I)

(B) Channel Mileage

(1) Channel Mileage Facility
Per Mile

- 2.4 kbps	\$1.16	(I)
- 4.8 kbps	1.16	(I)
- 9.6 kbps	1.16	(I)
- 19.2 kbps	1.16	(I)
- 56.0 kbps	1.65	(I)
- 64.0 kbps	1.65	(I)

(2) Channel Mileage Termination
Per Termination

- 2.4 kbps	\$11.64	(I)
- 4.8 kbps	11.64	(I)
- 9.6 kbps	11.64	(I)
- 19.2 kbps	11.64	(I)
- 56.0 kbps	16.49	(I)
- 64.0 kbps	16.49	(I)

Transmittal No. 244

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

		Monthly Rate	
(C)	Optional Features and Functions		
(1)	Bridging Per port	\$ 2.78	(I)
(2)	Loop Transfer Arrangement Per four port arrangement* Key activated** or Dial-Up***	\$ 1.98	(I)
(3)	Public Packet Switching Network Interface Arrangement		
	- Per 9.6 kbps arrangement	ICB	
	- Per 56.0 kbps arrangement	ICB	
(D)	Channel Service Unit Per Termination****		
	- 2.4 kbps	\$ 9.85	(I)
	- 4.8 kbps	9.85	(I)
	- 9.6 kbps	9.85	(I)
	- 56.0 kbps	9.85	(I)

* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center. ICB Rates and Charges are filed in Section 17.3.9 following.

** The key activated control channel is rated as a metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

**** Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

Transmittal No. 244

Issued: June 16, 2022

Effective: July 1, 2022

President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of the JSI Tariff F.C.C. No. 1.

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A)	Channel Termination Per Termination			
	- DS1 1.544 Mbps	\$ 78.73	(I) \$172.97	(I)
	- DS1C 3.152 Mbps	ICB	ICB	
	- DS2 6.312 Mbps	ICB	ICB	
	- DS3 44.736 Mbps	\$649.11	(I) \$233.26	(I)
	- DS4 274.176 Mbps	ICB	ICB	
(B)	Channel Mileage			
		<u>Monthly Rate</u>		
(1)	Channel Mileage Facility Per Mile			
	- 64 Kbps	\$ 1.65		(I)
	- 1.544 Mbps	\$ 4.87		(I)
	- 3.152 Mbps	ICB		
	- 6.312 Mbps	ICB		
	- 44.736 Mbps	\$42.43		(I)
	- 274.176 Mbps	ICB		
(2)	Channel Mileage Termination Per Termination			
	- 64 Kbps	\$ 16.49		(I)
	- 1.544 Mbps	\$ 25.27		(I)
	- 3.152 Mbps	ICB		
	- 6.312 Mbps	ICB		
	- 44.736 Mbps	\$162.28		(I)
	- 274.176 Mbps	ICB		

Transmittal No. 244

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

(C)	Term Discounts	<u>Percentage</u>	
	DS1 and DS3 services		
	36 months	10%	
	60 months	20%	
		<u>Monthly Rate</u>	
(D)	Optional Features and Functions		
	(1) Multiplexing, per arrangement		
	DS4 to DS1	ICB	
	DS3 to DS1	\$150.41	(I)
	DS2 to DS1	ICB	
	DS1C to DS1	ICB	
	DS1 to Voice*	62.07	(I)
	DS1 to DSO	62.07	(I)
	DSO to Subrates		
	- Up to 20 2.4 kbps services	\$148.40	(I)
	- Up to 10 4.8 kbps services	100.84	(I)
	- Up to 5 9.6 kbps services	89.42	(I)

* A channel of this DS1 to the Hub can be used for Digital Data service.
ICB rates and charges are filed in Section 17.3.9 following.

Transmittal No. 244

Issued: June 16, 2022

Effective: July 1, 2022

President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

		Monthly Rate	Nonrecurring Charge	
(D)	Optional Features and Functions (Cont'd)			
(2)	Automatic Loop Transfer Per arrangement*	\$50.10		(I)
(3)	Transfer Arrangement (key activated** or dial up***) Per four port arrangement including control channel termination****	\$54.61		(I)
(E)	Network Channel Terminating Equipment (NCTE) Per termination#			
	- 1.544 Mbps	\$ 28.41		(I)
	- Automatic Loop Transfer	114.15		(I)
(F)	DSL Access Service Connection			
	- per 1.544 Mbps	\$ 79.41	(I)	(I)
	- per 44.736 Mbps	551.53	(I)	(I)

* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

** The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

*** The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

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

NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

Transmittal No. 244

Issued: June 16, 2022

Effective: July 1, 2022

President
7852 Walker Drive, Greenbelt, Maryland 20770