

ACCESS SERVICE

20. Rates and Charges

Rates and charges for Access Service set forth below apply to all of the Issuing Carriers set forth on Title Pages 2, 3, 3.1, and 3.2.

20.1 Citizens Telecommunications Companies - Group #1⁺20.1.1 Carrier Common Line

Regulations concerning Carrier Common Line Access Service are set forth in Section 3 preceding.

Premium Access

Originating, per Access Minute	\$0.00154677 (R)
--------------------------------	------------------

*Terminating, per Access Minute	0.000000
---------------------------------	----------

Non Premium Access

Originating, per Access Minute	0.00069605 (R)
--------------------------------	----------------

*Terminating, per Access Minute	0.000000
---------------------------------	----------

* (Includes Marketing expense)

+ For a list of companies included in Group #1 refer to Title Page 3.4.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.1 Carrier Common Line (Cont'd)

Primary Interexchange Carrier Charge (PICC)

	<u>Monthly Rate</u>
<u>Residence</u>	
Primary, ⁽¹⁾ per individual line or trunk	\$0.00
Non-Primary, ⁽¹⁾ per individual line or trunk	0.00 (R)
<u>Business (Non-Centrex)</u>	
Single Line Business, per line or trunk	0.00 (R)
Multi-Line Business, including pay telephone - per individual line or trunk	4.31
<u>Centrex</u>	
- per Centrex line	
- 9 or more lines	0.48
- 8 lines	0.54
- 7 lines	0.62
- 6 lines	0.72
- 5 lines	0.86
- 4 lines	1.08
- 3 lines	1.44
- 2 lines	2.16
<u>ISDN</u>	
ISDN-BRI, per facility	0.00
ISDN-PRI, per facility	21.55

(1) Includes Centrex CO and CO-Like Dormitory Service.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)20.1.2 End User Access Service

Regulations concerning End User Common Line (EUCL) are set forth in Section 4 preceding.

		<u>Per</u>	
20.1.2.1	<u>End User Common Line (EUCL) - Business</u>	<u>Month</u>	
	Multi-Line, including pay telephone, Centrex CO and CO-Like Service, per each individual line or trunk	\$9.20	
	Single-Line, each individual line or trunk	\$6.00	
	<u>End User Common Line (EUCL) - Residence</u>		
	Primary Residence ⁽¹⁾ , per each individual line or trunk	\$6.00	
	Non-Primary Residence ⁽¹⁾ , per each individual line or trunk	7.00	
	<u>End User Common Line (EUCL) - ISDN</u>		
	Basic Rate Interface-ISDN, per facility	7.00	
	Primary Rate Interface ISDN, per facility	46.00	
20.1.2.1.1	<u>Universal Service Fund (USF) Surcharge</u>		
	Basic, per line or trunk	0.66	
	ISDN-PRI, per facility	3.30	
	DCS, per active channel	0.66	(C)
20.1.2.2	ISDN Line Port Charge, per facility		
	-ISDN-BRI	6.91	
	-ISDN-PRI	59.21	

⁽¹⁾ Includes Centrex CO and CO-Like Dormitory Service.

⁺ For a list of companies included in Group #1 refer to Title Page 3.4.

ACCESS SERVICE

20. Rates and Charges *

20.1 Citizens Telecommunications Companies – Group #1+ (Cont'd)

20.1.2 End User Access Service (Cont'd)

20.1.2.3 Local Number Portability (LNP) Charges

(a) LNP Access Query Charge RATE

Rate per call per n-1 carrier query
 only for LNP capable switches \$0.002

(b) LNP Service Surcharge and Exchanges

Host	Remotes	Surcharge Effective Dates	Service Surcharge, Per Month	PBX Customers, per trunk, per month	ISDN PRI Customers, per arrangement, per month	
McMinnville, TN		6/30/01-6/29/06	\$0.41	\$3.69	\$2.05	
Cookeville, TN	Algood, Monterey, Sparta	6/30/01-6/29/06	\$0.41	\$3.69	\$2.05	
Elk Grove, CA (including Wilton, Murray and Vineyard Central Offices)	Clarksburg, Courland, Isleton, Laguna, Meadowview, Walnut Grove	6/30/01-6/29/06	\$0.41	\$3.69	\$2.05	
Palo Cedro, CA	Paynes Creek	6/30/01-6/29/06	\$0.41	\$3.69	\$2.05	
Susanville, CA	Janesville, Standish, Herlong, Eagle Lake	8/04/01-8/03/06	\$0.41	\$3.69	\$2.05	(R)
Dresden, TN	Latham, Palmersville	8/04/01-8/03/06	\$0.41	\$3.69	\$2.05	(R)
Martin, TN	Sidonia	8/04/01-8/03/06	\$0.41	\$3.69	\$2.05	(R)

+ For a list of companies included in Group #1 refer to Title Page 3.4.

* Filed on not less than one days notice under the authority of Special Permission No. 01-081 .

Issued: July 31, 2001

Effective: August 4, 2001

Vice-President Regulatory & Government Affairs
 Citizens Telecommunications Company
 5600 Headquarters Drive
 Plano, TX 75024

Transmittal No. 110

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.3 Access Ordering

Regulations concerning Access Ordering are set forth in Section 5 preceding.

	<u>USOC</u>	<u>Nonrecurring Charge</u>
<u>Service Date Change Charge</u>		
- Per Order	OMC, SUM	\$12.38
<u>Design Change Charge</u>		
- Per Order	H28	31.76
<u>Cancellation Charge</u>		
- Per Order		402.75

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
|
(T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)20.1.4 Switched Access Service

Regulations concerning Switched Access are set forth in Section 6 preceding.

Local Switching

Premium, per Access Minute	\$0.004100 (R)
Non Premium, per Access Minute	\$0.001845 (R)
Per Installation	0.00
Per Order	130.23

USOC: SESCL/ASROC

USOC: TTPP++

Shared Trunk Port Charge	
Per Tandem Switched Access Minute	\$0.00257273 (R)

Switched 56 Kbps

Per Access Minute	\$0.004100 (R)
-------------------	----------------

Information Surcharge

Premium, per Access Minute	0.000000
Non Premium, per Access Minute	0.000000

Dedicated Trunk Port Charge

	<u>Monthly Charge</u>
-Voice Grade / DS0	7.39
-DS1	177.19
-DS3	4,961.53

⁺ For a list of companies included in Group #1 refer to Title Page 3.4.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.4 Switched Access Service (Cont'd)

	<u>Nonrecurring Charge</u>
<u>Operator Services</u>	
Operator Transfer Service - per call transferred	\$0.200000
Busy Line Verify - per call	None
Interrupt - per call	None
Operator Assistance - per call	None
<u>Local Transport*</u>	
<u>Entrance Facility</u>	
Service Order Charge - per entrance facility order	130.23

* The Local Transport rate includes non-chargeable Interface Groups and Optional Features as set forth in Section 6.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
|
(T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.4 Switched Access Service (Cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Entrance Facility - <u>2-wire and 4-wire Voice Grade</u> [*]		
2-Wire Voice Grade USOC: EFG2X	\$55.93	
4-Wire Voice Grade USOC: EFG4X	91.00	
Service Installation Charge - per entrance facility USOC: EFG2X USOC: EFG4X		\$488.24
<u>Entrance Facility - DS1</u> - per DS1 USOC: EFGDX	180.00 (R)	
Service Installation Charge - per entrance facility		600.00

* Voice Grade available for Analog Switching only.

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.4 Switched Access Service (Cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Entrance Facility - DS3</u> -per DS3, USOC:EFG3X	\$1,600.00	
<u>Service Installation Charge</u> -per DS3 entrance facility, USOC:EFOD3		\$3,410.00

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhineland Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
(T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.4 Switched Access Service (Cont'd)

	Monthly <u>Rate</u>	
<u>Direct Trunked Transport</u>		
<u>Direct Trunked Transport - Voice Grade*</u>		
All Other States:		
Termination - per Term	39.00	
USOC: TRG/1YT**		
Facility - per Mile	0.61	
USOC: 1YXSS/1YT**		
Arizona - Mohave (OCN2172)	106.83	
Termination - per Term ⁽¹⁾		
<u>Direct Trunked Transport - DS1</u>		
Arizona - Mohave (OCN2172)		
Termination - per Term ⁽¹⁾	1,539.85	
All Other States:		
Termination - per Term	\$204.00	(R)
USOC: TRG/1YT**		
Facility - per Mile	\$11.00	(R)
USOC: 1YXSS/1YT**		

⁽¹⁾ Arizona - Mohave is Direct Trunked Transport non-distance sensitive.

• Voice Grade Available for Analog Switching only.

+ For a list of companies included in Group #1 refer to Title Page 3.4.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.4 Switched Access Service (Cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Direct Trunked Transport - DS3</u> Termination, per Term, USOC:DTTD3	\$950.00	(R)
 Facility, per Mile, USOC:1YTDS	 128.00	 (R)
 <u>Direct Trunked Transport - Activated</u> Per Service Order		
2-Wire voice grade		\$130.23
4-Wire voice grade		130.23
DS1		130.23
DS3		415.00
USOC: SECSL/ASROC		
 Per 24 Trunks Activated or Fraction Thereof on a Per Order basis		 50.81

⁺ For a list of companies included in Group #1 refer to Title Page 3.4.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.4 Switched Access Service (Cont'd)

	<u>Premium</u>	<u>Non Premium</u>
<u>Tandem Switched Transport</u>		
<u>Tandem Switched Facility</u> Per Access Minute, per Mile	\$0.000050	\$0.000023
<u>Tandem Switched Termination</u> Per Access Minute, per Termination	0.001000 (R)	0.000625
<u>Tandem Switching</u> Per Access Minute, per Tandem	0.003000 (R)	0.0019734
<u>Transitional Interconnection Charge</u> Per Access Minute		
For Company Provided Transport (Terminating Only)	0.000000	0.000000
For Non-Company Provided Transport	0.000000	0.000000
<u>Shared Multiplexing</u> Per Tandem Switched Access Minute	0.000050 (R)	
<u>Shared Multiplexing</u> Per End Office Switched Access Minute	0.00100 (R)	
		<u>Monthly Rate</u>
<u>Dedicated Trunk Port Charge</u> (on Serving Wire Center side of Access Tandem)		
-Voice Grade / DS0		7.39
-DS1		177.19
-DS3		4,961.53
		DS1 to DS3 to
<u>Multiplexing</u>	<u>Voice</u>	<u>DS1</u>
USOC: M6W1XQX		
Monthly Rate USOC: MKW1X	\$263.00	1,406.16
Installation Charge	417.00	1,297.00

⁺ For a list of companies included in Group #1 refer to Title Page 3.4.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)20.1.4 Switched Access Service (Cont'd)Common Channel Signaling/SS7 Network Connection

<u>Signaling Network Access Link</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Signaling Mileage Facility per Mile	\$2.17	
Signaling Mileage Termination per Termination	32.67	
Signaling Entrance Facility per Facility	107.80	\$347.02
<u>STP Port</u> Per Port USOC: PT8SX	720.00	
<u>800/888 Data Base Service</u> Basic Query Charge	0.01049619	(I)

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.4 Switched Access Service (Cont'd)

Common Channel Signaling/SS7 Network Connection

<u>Switched Access Cross Connect[*]</u>	<u>Monthly Rate</u>
DS0 - Per Month	
Arizona ⁽¹⁾	\$.99
California ⁽²⁾	1.16
DS1 - Per Month	
Arizona ⁽¹⁾	3.77
California ⁽²⁾	3.75
DS3 - Per Month	
Arizona ⁽¹⁾	33.21
California ⁽²⁾	29.06

* The following services are furnished only to the same customer on the same premises as of July 1, 1995.

(1) Applies only to Citizens Telecommunications Company of Arizona - Alpine, Cibecue, Greer, Hawley Lake, Heber, Holbrook, Lakeside, McNary, Pinedale, Pinedale C.C., Show Low, Snowflake, Springerville, St. Johns, and Whiteriver exchanges.

(2) Applies only to Citizens Telecommunications Company of California - Meadowview, Courtland, Walnut Grove, Isleton, and Clarksburg exchanges.

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.4 Switched Access Service (Cont'd)

Miscellaneous Switched Access Rates and Charges

		(D)
		(D)
<u>Network Blocking Charge, per Call</u> (FGB, FGC, FGD & SAC)	\$0.02	
NXX Translation Nonrecurring Charge Per Order USOC: NXSAX	221.00	
500 NXX Translation Charge, Nonrecurring Charge Per End Office	(T) (D) 221.00	
0 + 900 Service	*	
FGA Optional Toll Blocking, per FGA Line USOC: CAH	*	
FGA Usage Sensitive Service Credit Allowance Credit per Originating FGA Access Minute	0.000000 (R)	
	Monthly Recurring <u>Charge</u>	
Coin Supervision/Transmission, per Payphone	\$2.10	

* No demand - rates on request.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.4 Switched Access Service (Cont'd)

Switched Access Assumed Minutes of Use

	<u>Originating Only</u>	<u>Terminating Only</u>	<u>Two- Way</u>
<u>Arizona^(A), Idaho, Utah</u>			
Feature Group A	2007	1744	3711
Feature Group B	5042	5042	5042
<u>New York</u>			
Feature Group A	2493	2210	4703
Feature Group B	5042	5042	5042
<u>Tennessee</u>			
Feature Group A	(1)	(1)	2622
Feature Group B	(1)	(1)	(1)
<u>West Virginia</u>			
Feature Group A	2493	2210	4703
Feature Group B	5042	5042	5042
<u>California^(B), Montana</u>			
Feature Group A	(1)	(1)	(1)
Feature Group B	(1)	(1)	(1)
<u>Arizona^(C), California^(D)</u>			
Feature Group A	1629	1451	3080
Feature Group B	4500	4500	9000

(A) Applies only to Citizens Telecommunications Company of Arizona (Show Low properties).

(B) Applies only to Citizens Telecommunications Company of California - Meadowview, Courtland, Walnut Grove, Isleton, and Clarksburg exchanges.

(C) Applied only to Citizens Utilities Rural Telephone Company - All exchanges in the Mohave property.

(D) Applies only to Citizens Telecommunications Company of California - All exchanges other than those listed in footnote ^(B).

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
(T)
(N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

Issued: November 15, 1999

F. Wayne Lafferty
 Vice-President
 Regulatory Affairs
 Citizens Telecommunications Company
 3 High Ridge Park
 Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service

Regulations concerning Special Access are set forth in Section 7 preceding.

<u>Metallic Service</u>	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
<u>Channel Termination</u> per Order	TMECS SESCL, ASROC		\$130.23
per Termination	EUC2X,TMECS	\$55.93	488.24
<u>Channel Mileage</u> Channel Mileage Facility, per Mile	1L5XX 1LFSX,1L5**	0.75	
Channel Mileage Termination, per Termination	TRG,1L5**	42.00	
<u>Optional Features & Functions</u>			
Bridging			
Three premises bridging, per port	BCNM3	*	*
Series bridging per port	BCNMS	*	*

- No demand - rates available on request.

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
(T)
(N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

Regulations concerning Special Access are set forth in Section 7 preceding.

<u>Voice Grade Service</u>	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Channel Termination</u> per Order	SESCL,ASROC		\$130.23
per Termination			
Two-Wire	EUC2X, TME2X	55.93	488.24
Four-Wire	EUC4X, TME4X	91.00	488.24
<u>Channel Mileage</u> Channel Mileage Facility, per Mile	1L5XX 1LFSX,1L5**	0.61 (R)	
Channel Mileage Termination per Termination	TRG,1L5**	39.00 (R)	

* No demand - rates available on request

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)20.1.5 Special Access Service (Cont'd)

<u>Voice Grade Service</u> (Cont'd)	<u>USOC</u>	<u>Monthly Rate</u>
<u>Optional Features and Functions</u>		
Central Office Bridging Capability		
Two-Wire or Four-Wire, per Port		
Data	BSNDJ, BCND2, BCND4	\$9.30 (R)
Voice	BSNVJ, BCNV2, BCNV4	\$9.30 (R)
Telephoto		*
DATAPHONE		*
Telemetry & Alarm		*
Conditioning, per Termination		
- C Type	XICPT	7.74
- Improved Attenuation Distortion**	UHW	7.74
- Improved Envelope Delay Distortion**	UHY	7.74

* No demand rates available on request.

** 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.

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

Voice Grade Service (Cont'd)

<u>Optional Features and Functions</u> (Cont'd)	<u>USOC</u>	<u>Monthly Rate</u>
Conditioning, per Termination (Cont'd)		
- Data Capability	XDCPT	\$7.74
- Sealing Current	1HBPT	*
Improved Return Loss for Effective Two-Wire or Four-Wire Transmission per Termination	1RL, 1RL2W, 1RL4W	11.10
Customer Specified Receive Level, per Termination	RLS	6.74
Signaling Capability per Termination	XSS++	\$9.40 (R)
- Loop Signaling Range Extension		
- Loop or E&M to SF		
- E&M to DX		
- E&M to Loop		
- Loop or E&M to PCM		
- Automatic Ringdown	XSSLR	

* No demand rates available on request.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

Voice Grade Service (Cont'd)

<u>Optional Features and Functions</u> (Cont'd)	<u>USOC</u>	<u>Monthly Rate</u>
Selective Signaling Arrangement	USZ	\$9.40 (R)
Transfer Arrangement (Key Activated ** or Dial Up) ^{***}		
- Per Four Port Arrangement including control circuit termination ^{****}	USY	*
- Per Five Port Arrangement including control circuit termination ^{****}	US5	*

* No demand rates available on request.

** The key activated control circuit is rated as a Metallic Circuit Termination and Circuit Milage, if applicable.

*** The Dial Up option requires the customer to purchase the Controller Arrangement from Section 20.1.7.

**** An additional Circuit Termination charge will apply whenever a space circuit is configured as a leg to the customer's premises. Additional circuit mileage charges will apply when the transfer arrangement is not located in the customer premises serving wire center.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

Voice Grade Service (Cont'd)

<u>Optional Features and Functions</u> (Cont'd)	<u>USOC</u>	<u>Monthly Rate</u>
Voice Grade Facility Switching Arrangement	UST	
Echo Control		
- Echo Suppression, per Circuit	OE1	*
- Echo Canceller, per Circuit	ORJ	*
Improved Termination Option, per Termination	X2T, X4T	\$11.09
Improved Equal Level Echo Path Loss, per Termination	ORP	
Telephoto Capability per Termination	XTCPT	

* No demand - rates available on request.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
|
(T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

<u>Program Audio Service</u>	<u>USOC</u>	<u>Monthly Rate</u>	<u>Daily Rate*</u>	<u>Nonrecurring Charge</u>
<u>Channel Termination</u> per order	SESCL ASROC			\$130.23
per Termination				
200 to 3500 Hz	EUCXX	37.95 (R)	\$5.20	741.01
100 to 5000 Hz	TMECS	37.95 (R)	5.20	741.01
50 to 8000 Hz		37.95 (R)	5.20	741.01
50 to 15000 Hz		37.95 (R)	5.20	741.01
 <u>Channel Mileage</u>	 1L5XX			
<u>Channel Mileage</u> Facility, per Mile	1L5**	37.95 (R)		
200 to 3500 Hz		0.80	0.08	
100 to 5000 Hz		1.55	0.16	
50 to 8000 Hz		2.40	0.24	
50 to 15000 Hz		3.10 (R)	0.32	
 <u>Channel Mileage Termination</u>	 TRG			
per Termination	1L5CC			
200 to 3500 Hz		37.95 (R)	4.57	
100 to 5000 Hz		37.95 (R)	4.57	
50 to 8000 Hz		37.95 (R)	4.57	
50 to 15000 Hz		37.95 (R)	4.57	

* Daily rates will be topped and maximum rates derived as set forth in Section 7 preceding.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
|
(T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

Program Audio Service (Cont'd)

<u>Optional Features and Functions</u>	<u>USOC</u>	<u>Monthly Rate</u>	<u>Daily Rate**</u>
Bridging Distribution Amplifier, per Port	BCNPT	*	*
Gain Conditioning per Service	XGC	\$12.00	\$1.20
Stereo, per Service	XSC	*	*

* No demand - rates available on request.

** Daily rates will be topped and maximum rates derived as set forth in Section 7 preceding.

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
(T)
(N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

<u>Video Service</u>	<u>USOC</u>	<u>Nonrecurring Charge</u>			
		<u>Monthly Rate</u>	<u>Daily Rate</u>	<u>Monthly Rate</u>	<u>Daily Rate</u>
<u>Channel Termination</u> per Order	SESCL, ASROC			\$130.23	
per Termination					
TV-1 or 2	TMEV1	*	*		**
4TV-5	TMEV4	*	*		**
6TV-5	TMEV6	*	*		**
TV-15	TMEV5	*	*		**
<u>Channel Mileage</u>	1L5XX				
Channel Mileage Facility per Mile		*	*		
All					
Channel Mileage Termination per Termination		*	*		
All					

* No demand - rates available on request.

** Daily rates will be topped and maximum rates derived as set forth in Section 7 preceding.

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)

(T)

(N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)20.1.5 Special Access Service (Cont'd)

<u>Digital Data Service</u>	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Channel Termination</u> per order	SESCL, ASROC		\$130.23
per Termination	EUCXX, EULCH, TMECS		
2.4 kbps		\$100.65	519.09
4.8 kbps		100.65	519.09
9.6 kbps		100.65	519.09
19.2 kbps		100.65	519.09
56.0 kbps		100.65	519.09
64.0 kbps		100.65	519.09
<u>Channel Mileage</u> Channel Mileage Facility, per Mile	1LFSX, 1L5**		
2.4 kbps		0.35	
4.8 kbps		0.35	
9.6 kbps		0.35	
19.2 kbps		0.35	
56.0 kbps		0.65	
64.0 kbps		0.65	
<u>Channel Mileage Termination, TRG,</u> per Termination	1L5**		
2.4 kbps		47.00	
4.8 kbps		47.00	
9.6 kbps		47.00	
19.2 kbps		47.00	
56.0 kbps		70.00	(R)
64.0 kbps		70.00	(R)

⁺ For a list of companies included in Group #1 refer to Title Page 3.4.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

Digital Data Service (Cont'd)

<u>Optional Features and Functions</u>	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Central Office Bridging, per Port	BCNDA	\$12.53	
Secondary Channel per Station		*	
Multiplexing Digital Data Carrier		*	*
Loop Transfer Arrangement (Key Activated** or Dial Up***)			
Per Four Port Arrangement, including control circuit termination****	XTD	ICB	ICB

* No demand- rate available on request.

** The key activated control circuit is rated as a Metallic Circuit Termination and Circuit mileage, if applicable.

*** The Dial Up option requires the customer to purchase the Controller Arrangement from Section 20.1.7

**** An additional Circuit Termination charge will apply whenever a space circuit is configured as a leg to the customer's premises. Additional circuit mileage charges will apply when the transfer arrangement is not located in the customer premises serving wire center.

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, (T)
 CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, (T)
 Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1+ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service

Channel Termination
 Channel Termination,
 per Order

Monthly
Rate

Nonrecurring
Charge

DS-1 - 1.544 Mbps		\$130.23	(Z)
DS-3 - 44.736 Mbps		415.00	
OC-3 - 155.520 Mbps		415.00	
OC-3c - 155.520 Mbps		415.00	(Z)

Channel Termination,
 per Termination

DS-1 - 1.544 Mbps	\$180.00	600.00
DS-3 - 44.736 Mbps	1,505.00	3,410.00
OC-3 - 155.520 Mbps	3,200.00	3,600.00
Oc-3c - 155.520 Mbps	3,000.00	3,600.00

+ For a list of companies included in Group #1 refer to Title Page 3.4.

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Citizens Telecommunications Companies - Group #1+ (Cont'd)20.1.5 Special Access Service (Cont'd)High Capacity ServiceChannel MileageChannel Mileage Facility
per Mile

DS-1 -	1.544 Mbps
DS-3 -	44.736 Mbps
OC-3 -	155.520 Mbps
OC-3c -	155.520 Mbps

Monthly
RateNonrecurring
Charge

\$11.00	(R)
128.00	
280.00	
280.00	

Channel Mileage Termination,
per Termination

DS-1 -	1.544 Mbps
DS-3 -	44.736 Mbps
OC-3 -	155.520 Mbps
OC-3c -	155.520 Mbps

204.00
900.00
2,000.00
2,000.00

(R)
(R)Optional Features and Functions
Multiplexing

-	OC-3 to DS-3
-	OC-3 to DS-1
-	DS-3 to DS-1
-	DS-1 to Voice
-	DS-1 to DS0

Monthly
Rate

\$1,500.00
1,800.00
1,406.16
263.00
263.00

\$1,297.00
1,297.00
1,297.00
417.00
417.00

+ For a list of companies included in Group #1 refer to Title Page 3.4.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

<u>Optional Features and Functions</u> (Cont'd)	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Multiplexing (Cont'd)			
- Digital DS3 Cross Connect		*	*
- Digital Data Substrate			
One DSO to Twenty			
2.4 Kbps	QSU24	ICB	ICB
One DSO to Ten			
4.8 Kbps	QSU48	ICB	ICB
One DSO to Five			
9.6 Kbps	QSU96	ICB	ICB
Automatic Loop transfer**			
- per Arrangement		ICB	
- per Termination	T59	\$143.05	
Automatic Protection Switching per DS1		*	*
Clear Channel Capability, per DS1 circuit arranged	CCO	24.00	\$0.00

* No demand - rates available on request.

** An additional Channel Termination charge will apply whenever the space 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.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
 (T)
 (N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

DS1- Optional Payment Plan^{*(1)}

Term: Five Years	
Monthly Rate	\$970.00
Nonrecurring Charge	900.00

DS1- Term Payment Plan^{*(2)}

Nonrecurring Charge	450.00
One Year Monthly Rates USOC: EU4DX, ICKDX	180.00
Two Year Monthly Rates USOC: EU4DX, ICKDX	170.00
Three Year Monthly Rates USOC: EU4DX, ICKDX	160.00
Five Year Monthly Rates USOC: EU4DX, ICKDX	140.00

* DS1 - Optional Payment Plan furnished only to the same customers on the same premises as of July, 1995.

(1) Applies only to Citizens Telecommunications Company of Montana - Eureka, Troy and Libby exchanges.

(2) Applies only to Citizens Telecommunications Company of California - Meadowview, Courtland, Walnut Grove, Isleton, and Clarksburg exchanges.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY,(T) CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, (T) Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

- ⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
- (X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

Issued: November 15, 1999

F. Wayne Lafferty
Vice-President
Regulatory Affairs
Citizens Telecommunications Company
3 High Ridge Park
Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
|
(T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

- ⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
(T)
- (X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

Issued: November 15, 1999

F. Wayne Lafferty
Vice-President
Regulatory Affairs
Citizens Telecommunications Company
3 High Ridge Park
Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

Issued: November 15, 1999

F. Wayne Lafferty
Vice-President
Regulatory Affairs
Citizens Telecommunications Company
3 High Ridge Park
Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

- ⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
(T)
- (X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

Issued: November 15, 1999

F. Wayne Lafferty
Vice-President
Regulatory Affairs
Citizens Telecommunications Company
3 High Ridge Park
Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

Issued: November 15, 1999

F. Wayne Lafferty
Vice-President
Regulatory Affairs
Citizens Telecommunications Company
3 High Ridge Park
Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

- ⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
(T)
- (X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

- ⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company (T)
- (X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

Issued: November 15, 1999

F. Wayne Lafferty
Vice-President
Regulatory Affairs
Citizens Telecommunications Company
3 High Ridge Park
Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

Issued: November 15, 1999

F. Wayne Lafferty
Vice-President
Regulatory Affairs
Citizens Telecommunications Company
3 High Ridge Park
Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
|
(T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.5 Special Access Service (Cont'd)

- ⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
|
(T)
- (X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

Issued: November 15, 1999

F. Wayne Lafferty
Vice-President
Regulatory Affairs
Citizens Telecommunications Company
3 High Ridge Park
Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.6 Special Federal Government Access Service Offerings

Telecommunications Service Priority (TSP) System

The following rates and charges are in addition to all other rates and charges that may be applicable for other services that may be furnished under the provisions of this tariff which operate in conjunction with the TSP System

	<u>Recurring Charges</u>	<u>Nonrecurring Charges</u>
(A) Priority Installation (PI) of an Access Service - Invocation Includes System Development, Verification, Confirmation and Preemption* Prime Service Vendor Subcontractor	ICB	ICB
(1) Expedited (Emergency or Essential)	Regulations, rates and charges are the same as those set forth for the Switched or Special Access Service for which PI is required.	

* When an Access Service is ordered with both PI and PR, the associated nonrecurring charge for PR applies.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T) (T) (N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.6 Special Federal Government Access Service Offerings (Cont'd)

Telecommunications Service Priority (TSP) System (Cont'd)

		<u>Recurring Charges</u>	<u>Nonrecurring Charges</u>
(2)	Utilizing Specially Constructed Facilities	Regulations, rates and charges are the same as those set forth in Section 10 for Special Construction of the facilities for Switched Access Service for which PI is required.	
(B)	Priority Restoration (PR) Level Implementation on an Access Service		
(1)	When PR level is implemented - includes System Development, Verification and Confirmation*		
	Prime Service Vendor	ICB	ICB
	Subcontractor	ICB	ICB

* When an Access Service is ordered with both PI and PR, the associated nonrecurring charge for PR applies.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T) (T) (N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.6 Special Federal Government Access Service Offerings (Cont'd)

Telecommunications Service Priority (TSP) System (Cont'd)

		<u>Recurring Charges</u>	<u>Nonrecurring Charges</u>
(2)	When the PR level is changed on an associated working Access Service - includes Verification and Confirmation		
	Prime Service Vendor	ICB	ICB
	Subcontractor	ICB	ICB
(3)	Administrative and maintenance of PR Service- includes Reconciliation and Redemption		
	Prime Service Vendor	ICB	ICB
	Subcontractor	ICB	ICB

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
(T)
(N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.7 Miscellaneous Service (Cont'd)

<u>Miscellaneous Service</u>	<u>USOC</u>	<u>Basic Time</u>	<u>Overtime</u>	<u>Premium Time*</u>
Charges for Additional Engineer per Engineer, 1/2 hour of Fraction thereof	AEH	\$30.19	\$45.29	\$60.38
Charges for Additional Labor per Technician, 1/2 hour or Fraction thereof	ALH	23.51	35.27	47.02
Charges for Additional Testing per Technician, 1/2 hour or Fraction thereof	ALK	23.51	35.27	47.02
Charges for Standby per Technician, 1/2 hour or Fraction thereof	ALT	23.51	35.27	47.02
Charges for Programming per Programmer, 1/2 hour or Fraction thereof	ALK	23.51	35.27	47.02
		<u>Non-recurring Charge</u>		(N)
NID Replacement per 2 pairs of capacity		\$99.00		(N)

* Subject to Minimum Charge of Four Hours.

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.7 Miscellaneous Services (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Charges for Additional Testing per Transmission Path, First Point of Switching, per Month			
- Automated Scheduled Testing	ALK	*	*
- Additional Cooperative Scheduled Testing		*	*
- Basic Offering		*	*
- Gain Slope	UBC**	*	*
- Additional Manual Scheduled Testing			
- Basic Offering	ALK	*	*
- Gain Slope		*	*
<u>Controller Agreement</u>			
- Per Arrangement	XTDDU	*	*

* No demand - rates available on request.

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
 (T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)20.1.7 Miscellaneous Services (Cont'd)Equal Access Charges

Nonrecurring
Charge

per Telephone Exchange Service Line
Trunk, Public/Semipublic Pay Telephone

-	Presubscription Change Charge	\$5.00	
-	Unauthorized PIC Change Charge	100.00	
-	IC CIC Consolation Charge	1.30	
-	USOC: NRBCC		
-	Paper or fax LOA processing Per telephone number	0.75	(N) (N)

Recurring
Charge
25.00

Special Access Surcharge

USOC: S25

Billing Name and Address Service (BNA)

-	Billing Name and Address per Order USOC: BNYM4	28.00	
-	Billing Name and Address Found/Each USOC: BNYF4	0.32	
-	Billing Name and Address Not Found/Each USOC: BNYX4	0.32	

Blocking

900 Blocking Service

-	Residence Add call blocking, each line	5.00	
	Remove call blocking, each line	5.00	
-	Business Add call blocking, each line	15.00	
	Remove call blocking, each line	15.00	

International Blocking Service 19.95

⁺ For a list of companies included in Group #1 refer to Title Page 3.4.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.7 Miscellaneous Services (Cont'd)

<u>End User/Agents List</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
- Agent List, NRC per State, per Order USOC: DMT		\$50.00
- Agent List, Initial per Customer Account* USOC:2Y6CT		0.03
- Agent List, Allocation per Listing** USOC: 2Y6CT		0.03
- Snapshot List, NRC per State, per Order USOC: SSQ		75.00
- Snapshot List, per Listing*** USOC: SSY		0.05
<u>Telecommunications Service Priority</u>		
- Establishment of TSP System Service Charge USOC: TSP	None	14.50
- Restoration Priority USOC: RSP	\$4.90	None

* For the purpose of the Initial Lists customer and agent is defined in Section 2.6.

** For the Purpose of the Allocation list, a listing is defined as an end user or agent record eligible for a Primary Interexchange Carrier Selection.

*** For the purpose of the Snapshot list, a listing is defined as an end user or agent eligible for a Predesignated Interexchange Carrier Selection.

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
(T)
(N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.7 Miscellaneous Services (Cont'd)

End User Validation List

<u>Standard Sort. Per Record Provided</u>	<u>Administrative Fee Paper Report, Electronic Transmission or Magnetic Tape/ Per Request</u>	<u>Special Sort, Per Record Provided</u>
\$0.034	\$78.00	\$0.054

PIC Freeze Verification Report

Refer to Section 20.1.7 Snapshot List, NRC and Snapshot List,
 Per Listing for rates and charges.

(N)

(N)

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.8 Special Facilities Routing Access Service

The following rates and charges are in addition to all other rates and charges that may be applicable for other services that may be furnished under the provisions of this tariff to operate in conjunction with this service.

	<u>Recurring Charges</u>	<u>Nonrecurring Charges</u>
(A) Special Routing Access Service Area Plan-Setup and Removal, Per End Office or Tandem Office Switching System. (Note 1) (Note 2)	ICB	ICB
(B) Special Routing Access Service Trunk Group Setup and Removal, Per End Office Switching System, Per Occurrence (Note 1) (Note 2)	ICB	ICB

(Note 1) The service setups will only be activated in offices that are specifically negotiated by the customer with the Telephone Company and are mutually agreeable between both parties.

(Note 2) End Offices will be updated for activation and/or deactivation annually.

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
 (T)
 (N)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.8 Special Facilities Routing Access Service (Cont'd)

	<u>Recurring Charges</u>	<u>Nonrecurring Charges</u>
(C) Activation or Deactivation of Special Routing Access Service, Per End Office or Tandem Office Switching System, Per Occurrence	ICB	ICB
(D) Special Routing Access Service Trunk Usage, When Activated, Per Trunk, Per Initial Activation Hour	ICB*	ICB

* This rate is in addition to Trunk Side premium Access Service rates which may apply on an ongoing basis whether SRAS is activated or not

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
 |
 (T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

Issued: November 15, 1999

F. Wayne Lafferty
 Vice-President
 Regulatory Affairs
 Citizens Telecommunications Company
 3 High Ridge Park
 Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.8 Special Facilities Routing Access Service (Cont'd)

		<u>Recurring Charges</u>	<u>Nonrecurring Charges</u>
(E)	Special Routing Access Service Trunk Usage, When Activated, Per Trunk, Per Subsequent 1/2 Hour	ICB*	ICB
(F)	Special Routing Access Service Maintenance and Administration. Per End Office or Tandem Office Switching System, Per Month	ICB	ICB

* This rate is in addition to Trunk Side premium Access Service rates which may apply on an on going basis whether SRAS is activated or not

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company. (T)
 |
 (T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC. (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.9 Expanded Interconnection Services

	<u>Nonrecurring Charge</u>	(T)
(A) Nonrecurring Charges		
(1) Processing Fee		(N)
Initial, - per order, per wire center	\$2,440.00	
Subsequent, -per order, per wire center	2,440.00	
Augmentation, - per order, per wire center	2,440.00	(N)
(2) Engineering Fee		(C)(D)
-Physical Caged EIS - per order, per wire center	6,240.00	(N)
-Physical Cageless EIS- per order, per wire center	6,240.00	(N)
-Virtual EIS- per order, per wire center	6,240.00	(N)
(3) Cable Pull Charge		(C)(D)
- per cable, per 100 feet	904.80	
(4) Office Arrangement		(C)(D)
-cable pull is also available		
(A) Caged Arrangement- per order, per wire center	4,608.61	(N)
(B) Cageless Arrangement, Citizen's does installation		
- Per each standard bay	1,520.00	
- Per each standard bay with Relay Rack	5,320.00	
(C) Cageless Arrangement, customer performs Installation		
- Per each cabinetized bay; Customer supplies cabinet.	1,520.00	
(5) Building Modification Charge		(C)
- This will be determined on a time and material basis from the Special Construction section of this tariff, Section 10.	ICB	(N)
(6) Installation Charge		(C)
-per OC1 or 90 Mb, per base module	1,567.30	(D)
-per OC3, per base module	2,153.42	(D)
-per DS1 card	222.77	(D)
-per DS3 card	321.78	(D)
		(D)
		(N)

+ For a list of companies included in Group #1 refer to Title Page 3.4.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.9 Expanded Interconnection Services (Cont'd)

		<u>Rate</u>	
(A)	Nonrecurring Charges (Cont'd)		
(7)	AC Power Equipment		(C)
	-per 20 Amps, per wire center	\$1,475.00	
(8)	Cross Connect		(C)
	-per DS0	413.57	
	-per DS1	352.85	
	-per DS3	1,249.98	
(9)	DC Power		(C)
	-per 40 Amps	3,527.04	

⁺ For a list of companies in Group #1 refer to Title Page 3.4.

(D)
 |
 (D)
 (N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.9 Expanded Interconnection Services

(B) Monthly Recurring Charges	<u>Monthly Rate</u>	
(1) Floor Space		(D)
- cageless, per one standard bay (10 sq. ft maximum)	\$109.00	(N)
-cageless, per one cabinetized bay (18 sq. ft. maximum)	178.00	
-cageless, per additional sq. ft.	8.58	(N)
- all other applications, per sq. ft.	8.58	(T)(C)
(2) DC Power		(T)(D)
-per 40 Amps	487.49	(I)
(3) Cross Connect		
-per DS0	1.25	
-per DS1	3.90	
-per DS3	48.00	
Multiplexing DS3-DS1	*	
(4) Maintenance		(D)
-per relay rack	44.00	(T)

+ For a list of companies in Group #1 refer to Title Page 3.4.

(N)
(D)
(D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.9 Expanded Interconnection Services (Cont'd)

(B) Monthly Recurring Charges (Cont'd)

(5) AC Power Charge

- Per 20 Amps \$274.49

(D)

(C) Additional Labor Rates

Technician rates are the same as found in Section 20.1.7 and repeated here.

(1) During normal business hours, all Labor beyond normal assistance is Charged at the hourly rate
- per technician, per hour, or portion Thereof

47.00

(2) All service provided after normal business hours
- Charge for the first 4 hours, or Portion thereof
- Charge for additional hours, or Portion thereof

284.00

71.00

(3) Training Charge
Per hour or portion thereof

47.00

(N)

* Pages 789.2-789.4 are reserved for future use.
+ For a list of companies in Group #1 refer to Title Page 3.4.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.9 Expanded Interconnection Services

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
|
(T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

(N)

Issued: November 15, 1999

F. Wayne Lafferty
Vice-President
Regulatory Affairs
Citizens Telecommunications Company
3 High Ridge Park
Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.10 Individual Case Filings

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

(T)
(T)

(X) Issued under the authority of Special Permission No. 99-189 granted by the FCC.

(N)

Issued: November 15, 1999

F. Wayne Lafferty
Vice-President
Regulatory Affairs
Citizens Telecommunications Company
3 High Ridge Park
Stamford, CT 06905

Effective: December 1, 1999

Transmittal No. 68

ACCESS SERVICE

20. Rates and Charges (cont'd)

20.1 Citizens Telecommunications Companies – Group #1 (Cont'd)

(M)

(M)

Material on this page moved to Page 789.8 and renumbered Section 20.1.14.

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)

20.1.11 Internet Digital Access Service (IDAS)

(A) Nonrecurring Charges

(1) Internet Digital Access Service

	<u>Nonrecurring Charge</u>
Initial Order, per request	\$1,000.00
Change Order, per request	130.26

(B) Monthly Recurring Charges

(1) Internet Digital Access Transport (IDAT)**

This is the rate per Facility.

<u>Number of Facilities</u>	<u>Month to Month</u>	<u>TPP - IDAS</u>		
		<u>1yr Term</u>	<u>2yr Term</u>	<u>3yr Term</u>
4 to 7	\$760.00	\$690.00	\$675.00	\$600.00
8 to 9	730.00	660.00	635.00	550.00
10 or More	710.00	640.00	615.00	550.00

(2) Internet Digital Access Port (IDAP)**

This is the rate per Facility.

<u>Number of Facilities</u>	<u>Month to Month</u>	<u>TPP - IDAS</u>		
		<u>1yr Term</u>	<u>2yr Term</u>	<u>3yr Term</u>
4 to 7	\$730.00	\$600.00	\$550.00	\$500.00
8 to 9	710.00	570.00	520.00	450.00
10 or More	690.00	550.00	500.00	450.00

(3) Internet Digital Access Foreign Exchange Service (IDAS-FX)

Rates applicable to IDAS-FX service can be found in Section 20.1.5 of this tariff for DS-1 Channel Mileage Facility and Channel Mileage Termination. These rates are in addition to the rates for IDAT or IDAP as shown above.

⁺ For a list of companies included in Group #1 refer to Title Page 3.4.
^{**} The rate per facility is based on the total number of facilities being billed at any location, at the time of the bill, even if the facilities were ordered at different times.

(N)
 |
 (N)

 (T)

 (D)
 (D)
 (D)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Citizens Telecommunications Companies - Group #1 ⁺ (Cont'd)20.1.13 ADSL Service

<u>Service Type</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
ADSL Channel, Class R1*			
Citizens Utilities Rural Company	\$39.95	\$0.00	
CTC of California	\$29.95	\$0.00	
CTC of Tennessee	\$19.95	\$0.00	
CTC of West Virginia	\$39.95	\$0.00	
CTC of Utah	\$39.95	\$0.00	
CTC of Idaho	\$39.95	\$0.00	
CTC of New York	\$39.95	\$0.00	
CTC of Montana	\$39.95	\$0.00	
CTC of the White Mountains	\$39.95	\$0.00	
Rhineland Telephone Company	\$19.95	\$0.00	
ADSL Channel, Class R2*			
Citizens Utilities Rural Company	\$39.95	\$0.00	
CTC of California	\$29.95	\$0.00	
CTC of Tennessee	\$29.95	\$0.00	
CTC of West Virginia	\$39.95	\$0.00	
CTC of Utah	\$39.95	\$0.00	
CTC of Idaho	\$39.95	\$0.00	
CTC of New York	\$39.95	\$0.00	
CTC of Montana	\$39.95	\$0.00	
CTC of the White Mountains	\$39.95	\$0.00	
Rhineland Telephone Company	\$29.95	\$0.00	
ADSL Channel, Class R7*			
CTC of Tennessee	\$29.95	\$0.00	(N)
ADSL Channel, Class B1*, Month to Month Rates			
Citizens Utilities Rural Company	\$75.00	\$0.00	
CTC of California	\$75.00	\$0.00	
CTC of Tennessee	\$75.00	\$0.00	
CTC of West Virginia	\$75.00	\$0.00	
CTC of Utah	\$75.00	\$0.00	
CTC of Idaho	\$75.00	\$0.00	
CTC of New York	\$75.00	\$0.00	
CTC of Montana	\$75.00	\$0.00	
CTC of the White Mountains	\$75.00	\$0.00	
Rhineland Telephone Company	\$75.00	\$0.00	

* For downstream and upstream transmission speeds, refer to Section 17.3.7 of this tariff.

Issued: January 3, 2003

Effective: January 18, 2003

(This page filed under Transmittal No. 132)

Vice President Regulatory, 180 S. Clinton Ave., Rochester, NY 14646

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.1 Citizens Telecommunications Companies - Group #1 * (Cont'd)20.1.13 ADSL Service

<u>Service Type</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
ADSL Channel, Class B1*, 12 Month Term Plan (C)		
Citizens Utilities Rural Company	\$63.00	\$0.00
CTC of California	\$63.00	\$0.00
CTC of Tennessee	\$63.00	\$0.00
CTC of West Virginia	\$63.00	\$0.00
CTC of Utah	\$63.00	\$0.00
CTC of Idaho	\$63.00	\$0.00
CTC of New York	\$63.00	\$0.00
CTC of Montana	\$63.00	\$0.00
CTC of the White Mountains	\$63.00	\$0.00
Rhineland Telephone Company	\$63.00	\$0.00
ADSL Channel, Class B1*, 24 Month Term Plan (C)		
Citizens Utilities Rural Company	\$59.00	\$0.00
CTC of California	\$59.00	\$0.00
CTC of Tennessee	\$59.00	\$0.00
CTC of West Virginia	\$59.00	\$0.00
CTC of Utah	\$59.00	\$0.00
CTC of Idaho	\$59.00	\$0.00
CTC of New York	\$59.00	\$0.00
CTC of Montana	\$59.00	\$0.00
CTC of the White Mountains	\$59.00	\$0.00
Rhineland Telephone Company	\$59.00	\$0.00
ADSL Channel, Class B1*, 36 Month Term Plan (C)		
Citizens Utilities Rural Company	\$55.00	\$0.00
CTC of California	\$55.00	\$0.00
CTC of Tennessee	\$55.00	\$0.00
CTC of West Virginia	\$55.00	\$0.00
CTC of Utah	\$55.00	\$0.00
CTC of Idaho	\$55.00	\$0.00
CTC of New York	\$55.00	\$0.00
CTC of Montana	\$55.00	\$0.00
CTC of the White Mountains	\$55.00	\$0.00
Rhineland Telephone Company	\$55.00	\$0.00

* For downstream and upstream transmission speeds, refer to Section 17.3.7 of this tariff.

(N)

Issued: October 16, 2002

Effective: October 31, 2002

(This page filed under Transmittal No. 127)

Vice President Regulatory, 180 S. Clinton Ave., Rochester, NY 14646

 ACCESS SERVICE

20. Rates and Charges20.1 Citizens Telecommunications Companies - Group #1 * (Cont'd)20.1.13 ADSL Service

<u>Service Type</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
ADSL Channel, Class B2*, Month to Month Rates (C)		
Citizens Utilities Rural Company	\$130.00	\$0.00
CTC of California	\$130.00	\$0.00
CTC of Tennessee	\$130.00	\$0.00
CTC of West Virginia	\$130.00	\$0.00
CTC of Utah	\$130.00	\$0.00
CTC of Idaho	\$130.00	\$0.00
CTC of New York	\$130.00	\$0.00
CTC of Montana	\$130.00	\$0.00
CTC of the White Mountains	\$130.00	\$0.00
Rhineland Telephone Company	\$130.00	\$0.00
ADSL Channel, Class B2*, 12 Month Term Plan (C)		
Citizens Utilities Rural Company	\$110.00	\$0.00
CTC of California	\$110.00	\$0.00
CTC of Tennessee	\$110.00	\$0.00
CTC of West Virginia	\$110.00	\$0.00
CTC of Utah	\$110.00	\$0.00
CTC of Idaho	\$110.00	\$0.00
CTC of New York	\$110.00	\$0.00
CTC of Montana	\$110.00	\$0.00
CTC of the White Mountains	\$110.00	\$0.00
Rhineland Telephone Company	\$110.00	\$0.00
ADSL Channel, Class B2*, 24 Month Term Plan (C)		
Citizens Utilities Rural Company	\$103.00	\$0.00
CTC of California	\$103.00	\$0.00
CTC of Tennessee	\$103.00	\$0.00
CTC of West Virginia	\$103.00	\$0.00
CTC of Utah	\$103.00	\$0.00
CTC of Idaho	\$103.00	\$0.00
CTC of New York	\$103.00	\$0.00
CTC of Montana	\$103.00	\$0.00
CTC of the White Mountains	\$103.00	\$0.00
Rhineland Telephone Company	\$103.00	\$0.00

* For downstream and upstream transmission speeds, refer to Section 17.3.7 of this tariff.

(N)

 ACCESS SERVICE

20. Rates and Charges20.1 Citizens Telecommunications Companies - Group #1 * (Cont'd)20.1.13 ADSL Service

<u>Service Type</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
ADSL Channel, Class B2*, 36 Month Term Plan (C)		
Citizens Utilities Rural Company	\$96.00	\$0.00
CTC of California	\$96.00	\$0.00
CTC of Tennessee	\$96.00	\$0.00
CTC of West Virginia	\$96.00	\$0.00
CTC of Utah	\$96.00	\$0.00
CTC of Idaho	\$96.00	\$0.00
CTC of New York	\$96.00	\$0.00
CTC of Montana	\$96.00	\$0.00
CTC of the White Mountains	\$96.00	\$0.00
Rhineland Telephone Company	\$96.00	\$0.00
ADSL Channel, Class B3*, Month to Month Rates (C)		
Citizens Utilities Rural Company	\$205.00	\$0.00
CTC of California	\$205.00	\$0.00
CTC of Tennessee	\$205.00	\$0.00
CTC of West Virginia	\$205.00	\$0.00
CTC of Utah	\$205.00	\$0.00
CTC of Idaho	\$205.00	\$0.00
CTC of New York	\$205.00	\$0.00
CTC of Montana	\$205.00	\$0.00
CTC of the White Mountains	\$205.00	\$0.00
Rhineland Telephone Company	\$205.00	\$0.00
ADSL Channel, Class B3*, 12 Month Term Plan (C)		
Citizens Utilities Rural Company	\$174.00	\$0.00
CTC of California	\$174.00	\$0.00
CTC of Tennessee	\$174.00	\$0.00
CTC of West Virginia	\$174.00	\$0.00
CTC of Utah	\$174.00	\$0.00
CTC of Idaho	\$174.00	\$0.00
CTC of New York	\$174.00	\$0.00
CTC of Montana	\$174.00	\$0.00
CTC of the White Mountains	\$174.00	\$0.00
Rhineland Telephone Company	\$174.00	\$0.00

* For downstream and upstream transmission speeds, refer to Section 17.3.7 of this tariff.

(N)

 ACCESS SERVICE

20. Rates and Charges20.1 Citizens Telecommunications Companies - Group #1 ⁺ (Cont'd)20.1.13 ADSL Service

<u>Service Type</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
ADSL Channel, Class B3*, 24 Month Term Plan (C)		
Citizens Utilities Rural Company	\$163.00	\$0.00
CTC of California	\$163.00	\$0.00
CTC of Tennessee	\$163.00	\$0.00
CTC of West Virginia	\$163.00	\$0.00
CTC of Utah	\$163.00	\$0.00
CTC of Idaho	\$163.00	\$0.00
CTC of New York	\$163.00	\$0.00
CTC of Montana	\$163.00	\$0.00
CTC of the White Mountains	\$163.00	\$0.00
Rhineland Telephone Company	\$163.00	\$0.00
ADSL Channel, Class B3*, 36 Month Term Plan (C)		
Citizens Utilities Rural Company	\$153.00	\$0.00
CTC of California	\$153.00	\$0.00
CTC of Tennessee	\$153.00	\$0.00
CTC of West Virginia	\$153.00	\$0.00
CTC of Utah	\$153.00	\$0.00
CTC of Idaho	\$153.00	\$0.00
CTC of New York	\$153.00	\$0.00
CTC of Montana	\$153.00	\$0.00
CTC of the White Mountains	\$153.00	\$0.00
Rhineland Telephone Company	\$153.00	\$0.00

* For downstream and upstream transmission speeds, refer to Section 17.3.7 of this tariff.

(N)

ACCESS SERVICE

(THIS PAGE HAS BEEN INTENTIONALLY LEFT BLANK AND WILL NOT BE AVAILABLE FOR REUSE.)

* Original Page 789.8 was inadvertently filed twice, first in Transmittal 73 for Internet Digital Access Service and secondly in Transmittal 74 for Frame Relay Service.

Material previously filed on this page for Frame Relay Service has been moved to Original Page 789.8.1.

Material previously filed on this page for Internet Digital Access Service has been moved to 3rd Revised Page 789.5.

*

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1* (Cont'd)

20.1.15 Frame Relay Service*

		<u>Monthly</u>	<u>Nonrecurring</u>
		<u>Charge**</u>	<u>Charge**</u>
(A)	(1) Network to Network Interface (NNI)-		
	DS1 Port		
	1.536 Mbps		\$475.00
	DS-3		\$1,000.00
	Network to Network Interface NNI – 1 YR Term Payment Plan (TPP)		
	DS1 Port		
	1.536 Mbps	404.00	400.00
	DS-3	850.00	1,050.00
	Network to Network Interface NNI – 2 YR Term Payment Plan (TPP)		
	DS1 Port		
	1.536 Mbps	390.00	400.00
	DS-3	820.00	1,050.00
	Network to Network Interface NNI – 3 YR Term Payment Plan (TPP)		
	DS1 Port		
	1.536 Mbps	356.00	400.00
	DS-3	750.00	1,050.00
	(2) Service Order Charge Per Order		130.23
(B)	Administrative Charge		50.00
(C)	Expedite Order Charge		250.00
(D)	(1) Frame Relay Access Connection		
	56 Kbps	135.00	204.23
	1.536 Mbps	200.00	916.12
	DS-3	1,800.00	3,410.00
	(2) Channel Mileage Facility Per Mile		
	56 Kbps	1.50	
	1.536 Mbps	15.00	
	DS-3	142.00	
(E)	UNI Connection Month to Month		
	(1) UNI Port Connection		
	56 Kbps	25.00	200.00
	64 Kbps	25.00	200.00
	128 Kbps	60.00	200.00
	256 Kbps	65.00	300.00
	384 Kbps	70.00	300.00
	512 Kbps	75.00	400.00
	768 Kbps	80.00	400.00
	1.536 Mbps	90.00	400.00
	DS-3	700.00	1,050.00

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

** Frame Relay NNI services will be offered for LATA 932 (Bluefield, WV), LATA 726 (Elk Grove, CA), LATA 133 (Middletown, NY), and LATA 470 (Cookville\Crossville, TN) only.

*** Additional Special Access charges with meet-point billing arrangements could apply in addition to NNI port charge.

X This material has been moved without change. It was originally filed in Transmittal 74 on original page 789.8 effective April 3, 2000. Original page 789.8 was inadvertently filed in two separate transmittals for two different unrelated services. This Frame Relay material has been moved to this page to correct the duplicative filing.

Issued: May 16, 2000

Effective: May 31, 2000

Vice-President-Regulatory & Government Affairs
Citizens Telecommunications Company
5600 Headquarters Drive
Plano, TX 75024

Transmittal No. 77

(M)

(M)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1* (Cont'd)

20.1.15 Frame Relay Service (Cont'd)*

		Monthly Charge**	Nonrecurring Charge**
(E)	(2) UNI Port Connection 1 YR Term Payment Plan (TPP)		
	56 Kbps	23.00	200.00
	64 Kbps	23.00	200.00
	128 Kbps	55.00	200.00
	256 Kbps	60.00	300.00
	384 Kbps	64.00	300.00
	512 Kbps	69.00	400.00
	768 Kbps	74.00	400.00
	1.536 MBps	77.00	400.00
	DS-3	595.00	1,050.00
	(3) UNI Port Connection 2 YR Term Payment Plan (TPP)		
	56 Kbps	22.50	200.00
	64 Kbps	22.50	200.00
	128 Kbps	54.00	200.00
	256 Kbps	58.50	300.00
	384 Kbps	63.00	300.00
	512 Kbps	67.50	400.00
	768 Kbps	72.00	400.00
	1.536 MBps	74.00	400.00
	DS-3	574.00	1,050.00
	(4) UNI Port Connection 3 YR Term Payment Plan (TPP)		
	56 Kbps	21.50	200.00
	64 Kbps	21.50	200.00
	128 Kbps	51.60	200.00
	256 Kbps	55.90	300.00
	384 Kbps	60.20	300.00
	512 Kbps	64.50	400.00
	768 Kbps	68.80	400.00
	1.536 MBps	68.00	400.00
	DS-3	525.00	1,050.00
(F)	Optional UNI Features		
	(1) Committed Information Rate, per PVC Month to Month		
	14 Kbps	2.00	12.00
	16 Kbps	2.00	12.00
	28 Kbps	3.00	12.00
	32 Kbps	4.00	12.00
	56 / 64 Kbps	5.00	12.00
	128 Kbps	6.00	12.00
	192 Kbps	7.00	12.00
	256 Kbps	9.00	12.00
	320 Kbps	10.00	12.00
	384 Kbps	12.00	12.00
	512 Kbps	25.00	12.00
	768 Kbps	28.00	12.00
	1.024 MBps	32.00	12.00
	1.536 MBps	75.00	12.00
	5 Mbps	125.00	100.00
	10 Mbps	200.00	100.00
	15 Mbps	275.00	100.00
	20 Mbps	350.00	100.00
	25 Mbps	425.00	100.00
	30 Mbps	500.00	100.00
	35 Mbps	575.00	100.00

* Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

* Frame Relay NNI services will be offered for LATA 932 (Bluefield, WV), LATA 726 (Elk Grove, CA), LATA 133 (Middletown, NY), and LATA 470 (Cookeville/Crossville, TN) only.

** Additional Special Access charges with meet-point billing arrangements could apply in addition to NNI port charge.

Issued: March 31, 2000

Effective: April 3, 2000

Vice-President-Regulatory & Government Affairs
Citizens Telecommunications Company
5600 Headquarters Drive
Plano, TX 75024

Transmittal No. 74

(N)

(N)

(N)

(N)

(C)

(C)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1* (Cont'd)

20.1.15 Frame Relay Service (Cont'd)*

		Monthly	Nonrecurring	(N)
			Charge**	Charge**
(F)	(2)	Committed Information Rate, per PVC 1YR Term Payment Plan (TPP)		
		14 Kbps	1.84	12.00
		16 Kbps	2.76	12.00
		28 Kbps	3.68	12.00
		32 Kbps	3.68	12.00
		56 / 64 Kbps	4.60	12.00
		128 Kbps	5.52	12.00
		192 Kbps	6.44	12.00
		256 Kbps	8.28	12.00
		320 Kbps	9.20	12.00
		384 Kbps	11.04	12.00
		512 Kbps	23.00	12.00
		768 Kbps	25.76	12.00
		1.024 MBps	29.44	12.00
		1.536 MBps	69.00	12.00
		5 Mbps	106.00	100.00
		10 Mbps	170.00	100.00
		15 Mbps	234.00	100.00
		20 Mbps	298.00	100.00
		25 Mbps	361.00	100.00
		30 Mbps	425.00	100.00
		35 Mbps	489.00	100.00
(3)		Committed Information Rate, per PVC 2YR Term Payment Plan (TPP)		
		14 Kbps	1.80	12.00
		16 Kbps	2.70	12.00
		28 Kbps	3.60	12.00
		32 Kbps	3.60	12.00
		56 / 64 Kbps	4.50	12.00
		128 Kbps	5.40	12.00
		192 Kbps	6.30	12.00
		256 Kbps	8.10	12.00
		320 Kbps	9.00	12.00
		384 Kbps	10.80	12.00
		512 Kbps	22.50	12.00
		768 Kbps	25.20	12.00
		1.024 MBps	28.80	12.00
		1.536 MBps	62.00	12.00
		5 Mbps	103.00	100.00
		10 Mbps	164.00	100.00
		15 Mbps	226.00	100.00
		20 Mbps	287.00	100.00
		25 Mbps	349.00	100.00
		30 Mbps	410.00	100.00
		35 Mbps	472.00	100.00

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

* Frame Relay NNI services will be offered for LATA 932 (Bluefield, WV), LATA 726 (Elk Grove, CA), LATA 133 (Middletown, NY), and LATA 470 (Cookeville/Crossville, TN) only.

** Additional Special Access charges with meet-point billing arrangements could apply in addition to NNI port charge.

Issued: March 31, 2000

Effective: April 3, 2000

Vice-President-Regulatory & Government Affairs
Citizens Telecommunications Company
5600 Headquarters Drive
Plano, TX 75024

Transmittal No. 74

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1* (Cont'd)

20.1.15 Frame Relay Service (Cont'd)*

	<u>Monthly Charge**</u>	<u>Nonrecurring Charge**</u>
(F) (4) Committed Information Rate, per PVC 3YR Term Payment Plan (TPP)		
14 Kbps	1.72	12.00
16 Kbps	2.58	12.00
28 Kbps	3.44	12.00
32 Kbps	3.44	12.00
56 / 64 Kbps	4.30	12.00
128 Kbps	5.16	12.00
192 Kbps	6.02	12.00
256 Kbps	7.74	12.00
320 Kbps	8.60	12.00
384 Kbps	10.32	12.00
512 Kbps	21.50	12.00
768 Kbps	24.08	12.00
1.024 MBps	27.52	12.00
1.536 MBps	56.00	12.00
5 Mbps	94.00	100.00
10 Mbps	150.00	100.00
15 Mbps	206.00	100.00
20 Mbps	263.00	100.00
25 Mbps	319.00	100.00
30 Mbps	375.00	100.00
35 Mbps	431.00	100.00

(N)

(N)

+ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC-MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV Citizens Utilities Rural Company, Rhinelander Telephone Company, Headwaters Telephone Company, Crandon Telephone Company, and Rib Lake Telephone Company.

* Frame Relay NNI services will be offered for LATA 932 (Bluefield, WV), LATA 726 (Elk Grove, CA), LATA 133 (Middletown, NY), and LATA 470 (Cookville\Crossville, TN) only.

** Additional Special Access charges with meet-point billing arrangements could apply in addition to NNI port charge.

(C)
(C)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.1 Citizens Telecommunications Companies - Group #1 ⁺ (Cont'd)

20.1.16 Digital Subscriber Line (DSL) Interface Access Service (T)

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A)	Per DS1-Connection	\$225.00	\$170.00
(B)	Per DS-3 Connection	\$1,400.00	\$600.00
(C)	Per Ethernet 10/100baseT Connection (Including cabling up to 300 feet)	\$700.00	\$400.00

⁺ Group #1 consists of the following: CTC-White Mountains, CTC-CA, CTC-ID, CTC- MT, CTC-NY, CTC-TN, CTC-UT, CTC-WV, and Citizens Utilities Rural Company.

(D)
(D)