

ACCESS SERVICE

Check Sheet

Pages 1 to 1007 inclusive of this tariff are effective as of the date shown. The original and revised pages named below and Supplement Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 12 13, 14 and 15 contain all changes from the original tariff that are in effect on the date shown.

<u>Page</u>	<u>Number of Revision Except As Indicated</u>	<u>Page</u>	<u>Number of Revision Except As Indicated</u>	<u>Page</u>	<u>Number of Revision Except As Indicated</u>
Title 1	2nd	27.1	8th *	60	Original
Title 2	6th	28	2nd	61	Original
Title 3	7th	29	Original	62	Original
Title 3.1	8th	30	2nd	63	Original
Title 3.2	6th	31	Original	64	Original
Title 3.3	7th	32	Original	65	Original
Title 3.4	3rd	33	1st	66	Original
Title 3.5	1st	34	1st	67	Original
Title 3.6	4th	35	Original	68	Original
1	171st *	36	Original	69	2nd
2	29th	37	Original	70	2nd
3	24th	38	Original	71	Original
4	21st	39	Original	72	3rd
5	22nd	40	2nd	73	Original
6	17th	41	2nd	74	1st
7	41st	42	Original	75	Original
8	127th *	43	Original	76	2nd
8.1	16th *	44	Original	77	Original
9	73rd *	45	Original	78	Original
9.1	59th *	46	Original	79	Original
10	3rd	47	Original	80	1st
11	2nd	48	Original	81	Original
12	4th	49	Original	82	Original
13	3rd	50	Original	83	Original
14	9th	51	1st	84	Original
15	7th	52	Original	85	Original
16	7th	53	Original	86	Original
17	6th	54	Original	87	Original
18	Original	55	Original	88	Original
19	3rd	56	Original	89	Original
20	Original	57	Original	90	Original
21	Original	58	Original	91	Original
22	1st	59	Original	92	Original
23	2nd			93	Original
24	1st			94	Original
25	4th			95	Original
26	18th				
27	12th				

*New or Revised

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741	5th	749	10th	772	7th
741.1	8th	750	8th	773	9th
741.2	2nd	751	3rd	774	20th *
741.3	8th	752	2nd	775	8th
741.3.1	1st	753	Original	776	23rd *
741.4	2nd	754	27th	776.1	4th *
741.5	7th	754.1	6th	777	9th
741.6	4th	755	38th *	777.1	4th
741.7	3rd	755.1	3rd	777.2	5th
742	5th	755.2	6th	777.3	5th
742.1	3rd	755.3	3rd	777.4	5th
743	Original	755.4	Original	777.5	5th
744	2nd	755.5	Original	777.6	5th
745	2nd	755.6	1st	777.7	5th
746	1st	755.7	Original	777.8	5th
747	1st	755.8	Original	777.9	5th
748	2nd	755.9	Original	777.10	5th
748.1	Original	755.10	1st	777.11	5th
748.2	Original	755.11	3rd	777.12	5th
748.3	Original	756	7th *	777.13	5th
748.4	Original	757	24th	777.14	5th
748.5	1st	758	12th	778	8th
748.6	Original	759	15th	779	6th
748.7	Original	759.1	6th	780	6th
748.8	Original	760	21st	781	8th *
748.9	Original	760.1	9th	782	7th
748.10	Original	761	25th	783	14th
748.11	Original	762	15th	784	8th
748.12	Original	762.1	4th	784.1	6th
748.13	Original	763	18th	784.2	Original
748.14	Original	764	6th	785	6th
748.15	Original	765	13th *	786	6th
748.16	Original	766	13th *	787	6th
		767	10th	788	11th
		768	11th	788.1	7th
		769	10th	789	11th
		770	9th	789.1	9th
		771	16th	789.2	7th

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789.3	6th	799	9th		
789.4	5th	800	11th		
789.5	5th	801	7th		
789.6	17th	802	13th		
789.7	7th	803	7th		
789.7.1	3rd	804	11th		
789.7.2	3rd	805	14th		
789.7.3	3rd	805.1	7th		
789.8	1st	805.2	20th *		
789.8.1	1st	805.2.1	3rd		
789.9	1st	805.3	8th		
789.10	1st	805.4	8th		
789.11	1st	806	9th		
789.12	4th				
790	36th *				
790.1	7th				
790.2	31st *				
790.3	1st				
790.4	2nd				
790.5	1st				
790.6	1st				
790.7	Original				
790.8	2nd				
791	9th *				
792	24th				
792.1	2nd				
793	18th				
794	23rd				
795	28th				
796	17th				
796.1	9th				
796.2	Original				
796.3	7th *				
797	18th				
798	9th				

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807	5th	836	6th	876	3rd
808	8th *	837	6th	877	4th
809	5th	838	6th	878	4th
810	12th	839	7th	879	3rd
811	5th	840	7th	880	3rd
812	7th	841	6th	881	3rd
812.1	Original	842	8th	882	3rd
813	5th	843	8th	883	3rd
814	5th	844	12th *	884	1st
815	5th	844.1	4th	885	1st
816	7th	845	9th	886	1st
816.1	7th	846	5th	887	1st
817	7th	847	6th	888	1st
817.1	7th	848	7th	889	1st
817.2	3rd	849	8th	890	1st
817.3	1st	850	8th *	891	1st
817.3.1	Original	851	5th	892	1st
817.4	Original	852	10th	893	1st
817.5	Original	853	7th	894	1st
817.6	2nd	854	8th	895	1st
817.7	9th	854.1	Original	896	1st
817.8	3rd	855	6th	897	1st
817.9	2nd	856	6th	898	1st
817.10	2nd	857	7th	899	1st
818	7th	858	7th	900	1st
819	11th	859	9th	901	1st
820	37th *	860	5th	902	1st
820.1	3rd	861	4th	903	1st
821	10th	862	4th	904	1st
822	12th	863	4th	905	1st
823	8th	864	3rd	906	1st
824	7th	865	3rd	907	1st
825	7th	866	3rd	908	1st
826	6th	867	3rd	909	1st
827	7th	868	3rd	910	1st
828	14th	869	3rd	911	1st
829	8th	870	3rd	912	1st
830	6th	871	3rd	913	1st
831	10th	872	3rd	914	1st
832	7th	873	4th	915	1st
833	8th *	874	4th	916	1st
834	8th	875	3rd		
835	6th				

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917	5th	944	1st	974	4th *
918	3rd	945	1st	975	8th *
919	27th *	946	1st	976	4th *
919.1	1st	947	3rd *	977	6th *
919.2	6th	948	1st	978	6th *
919.3	2nd	949	5th	979	4th *
919.4	Original	950	1st	980	4th *
919.5	Original	951	2nd	981	4th *
919.6	Original	951.1	Original	982	4th *
919.7	Original	952	1st	983	4th *
919.8	Original	953	1st	984	4th *
919.9	Original	954	1st	985	4th *
919.10	1st	955	3rd	986	5th *
919.11	1st	956	3rd	987	4th *
920	2nd *	957	4th	988	6th *
921	1st	957.1	4th	988.1	3rd *
922	2nd	958	2nd	989	4th *
923	1st	959	3rd	990	4th *
924	1st	960	3rd	991	4th *
925	2nd	960.1	1st	992	4th *
926	1st	961	3rd	993	5th *
927	2nd	961.1	2nd	994	4th *
928	5th	961.2	6th	995	6th *
929	7th	961.3	3rd	996	4th *
930	4th	961.4	1st	997	4th *
931	2nd *	961.5	1st	998	4th *
932	1st	962	5th *	999	4th *
933	3rd	963	6th *	1000	4th *
934	3rd	964	13th *	1001	5th *
935	1st	964.1	5th *	1002	5th *
936	2nd	965	5th *	1003	6th *
937	3rd	966	5th *	1003.1	2nd *
938	1st	967	5th *	1004	5th *
939	1st	968	4th *	1005	6th *
940	3rd *	969	4th *	1006	4th
941	1st	970	5th *	1007	3rd
942	7th *	971	4th *		
942.1	1st	972	5th *		
943	3rd	973	6th *		

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20.4	<u>Citizens Telecommunications Company - Group #4**</u> (Cont'd)		
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20.4.2	Miscellaneous Service	947	
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20.4.10	Frame Relay Service	959	
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20.4.13	Dial Internet Aggregation Access Service	961.4	
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20.5.1	Carrier Common Line	962	(N)
20.5.2	End User Access Service	964	
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20.5.8	Special Facilities Routing Access Service	1002	
20.5.9	Expanded Interconnection Services	1004	
20.5.10	Individual Case Filings	1005	(N)

** For a list of companies included in Groups #4 and #5 refer to Title Page 3.6.

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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.

20.1.2.1	<u>End User Common Line (EUCL) - Business</u>	Per Month	
	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	\$6.50	
	<u>End User Common Line (EUCL) - Residence</u>		
	Primary Residence ⁽¹⁾ , per each individual line or trunk	\$6.50	
	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) Recovery Charge</u> Surcharge applied end user revenue	11.4%	(I)
20.1.2.2	ISDN Line Port Charge, per facility -ISDN-BRI -ISDN-PRI	6.91 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.

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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	\$50.00	(I)
 <u>Design Change Charge</u>			
- Per Order	H28	31.76	
 <u>Cancellation Charge</u>			
- Per Order		402.75	

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

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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	\$150.00	1000.00 (I)
<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.

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

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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	40.00	488.24	(R)
Four-Wire	EUC4X, TME4X	65.00	488.24	(R)
<u>Channel Mileage</u>	1L5XX			
Channel Mileage Facility, per Mile	1LFSX,1L5**	0.61		
Channel Mileage Termination per Termination	TRG,1L5**	39.00		

* No demand - rates available on request

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

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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		\$50.00	519.09	(R)
4.8 kbps		50.00	519.09	
9.6 kbps		50.00	519.09	
19.2 kbps		50.00	519.09	
56.0 kbps		50.00	519.09	
64.0 kbps		50.00	519.09	(R)
<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		
Channel Mileage Termination, TRG, 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		
64.0 kbps		70.00		

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

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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 Termination
Channel Termination,
per OrderMonthly
RateNonrecurring
Charge

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

\$130.59
 415.00
 415.00
 415.00

Channel Termination,
per Termination

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

\$198.00
 1,147.00
 3,200.00
 3,000.00

700.00
 3,410.00
 3,600.00
 3,600.00

(I)
 (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)High Capacity ServiceChannel MileageChannel Mileage Facility
per MileMonthly
RateNonrecurring
Charge

DS-1 - 1.544 Mbps	\$10.00	
DS-3 - 44.736 Mbps	120.00	
OC-3 - 155.520 Mbps	280.00	
OC-3c - 155.520 Mbps	280.00	

Channel Mileage Termination,
per Termination

DS-1 - 1.544 Mbps	193.37	
DS-3 - 44.736 Mbps	900.00	
OC-3 - 155.520 Mbps	2,000.00	
OC-3c - 155.520 Mbps	2,000.00	

Optional Features and Functions
MultiplexingMonthly
Rate

- OC-3 to DS-3	\$1,500.00	\$1,297.00	
- OC-3 to DS-1	1,800.00	1,297.00	
- DS-3 to DS-1	1,400.00	1,297.00	
- DS-1 to Voice	261.00	417.00	(R)
- DS-1 to DS0	261.00	417.00	(R)

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

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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	\$40.00	\$60.00	\$80.00	(1)(1)(1)
Charges for Additional Labor per Technician, 1/2 hour or Fraction thereof	ALH	30.00	45.00	60.00	(1)(1)(1)
Charges for Additional Testing per Technician, 1/2 hour or Fraction thereof	ALK	30.00	45.00	60.00	(1)(1)(1)
Charges for Standby per Technician, 1/2 hour or Fraction thereof	ALT	30.00	45.00	60.00	(1)(1)(1)
Charges for Programming per Programmer, 1/2 hour or Fraction thereof	ALK	30.00	45.00	60.00	(1)(1)(1)
			<u>Non-recurring Charge</u>		
NID Replacement per 2 pairs of capacity			\$99.00		

* Subject to Minimum Charge of Four Hours.

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

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20. Rates and Charges (Cont'd)20.2 Citizens Telecommunications Companies - Group #2⁺20.2.1 Carrier Common Line

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

Premium Access

Originating, per Access Minute \$0.02494581 (I)

*Terminating, per Access Minute 0.00084096 (I)

Non Premium Access

Originating, per Access Minute \$0.01122561 (I)

*Terminating, per Access Minute 0.00037843 (I)

* (Includes Marketing expense)

+ For a list of companies included in Group #2 refer to Title Page 3.5.

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20. Rates and Charges (Cont'd)20.2 Citizens Telecommunications Companies - Group #2⁺ (Cont'd)20.2.2 End User Access Service

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

20.2.2.1	<u>End User Common Line (EUCL) - Business</u>	Per Month	
	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	\$6.50	
	<u>End User Common Line (EUCL) - Residence</u>		
	Primary Residence ⁽¹⁾ , per each individual line or trunk	\$6.50	
	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	
20.2.2.1.1	<u>Universal Service Fund (USF) Recovery Charge</u> Surcharge applied to end user revenue	11.4%	(I)
20.2.2.2	ISDN Line Port Charge, per facility -ISDN-BRI -ISDN-PRI	7.86 *	

* No rate has been developed for ISDN PRI because there are no PRI ISDN customers. Once there is demand, Citizens will develop and file a rate in this tariff.

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

⁺ For a list of companies included in Group #2 refer to Title Page 3.5.

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20. Rates and Charges (Cont'd)20.2 Citizens Telecommunications Companies - Group #2⁺ (Cont'd)20.2.3 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	\$50.00	(1)
	SUM		
<u>Design Change Charge</u>			
- Per Order	H28	31.76	
<u>Cancellation Charge</u>			
- Per Order		402.75	

(X) Group #2 rates and charges are filed under authority of Special Permission Number 96-289 granted by the FCC.

⁺ Group #2 consists of the following: CTC-NV, CTC-OR, CTC-Golden State, CTC- Volunteer State, CTC-Tuolumne, Mountain State Telephone Company and Navajo Communications Company.

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20. Rates and Charges (Cont'd)20.2 Citizens Telecommunications Companies - Group #2⁺ (Cont'd)20.2.5 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		\$130.26	
per Termination	EUC2X,TME2X	\$150.00	1,000.00	(I) (I)
<u>Channel Mileage</u> Channel Mileage Facility, per Mile	1L5XX 1LFSX,1L5**	0.29		
Channel Mileage Termination, per Termination	TRG,1L5**	35.00		
<u>Optional Features and Functions</u>				
<u>Bridging</u>				
Three premises bridging, per port	BCNM3	*	*	
Series bridging per port	BCNMS	*	*	

* No demand - rates available on request.

⁺ Group #2 consists of the following: CTC-NV, CTC-OR, CTC-Golden State, CTC- Volunteer State, CTC-Tuolumne, Mountain State Telephone Company and Navajo Communications Company.

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20. Rates and Charges (Cont'd)20.2 Citizens Telecommunications Companies - Group #2⁺ (Cont'd)20.2.5 Special Access Service (Cont'd)High CapacityChannel TerminationChannel Termination,
per OrderMonthly
RateNonrecurring
Charge

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

\$130.59 (l)
 415.00
 415.00
 415.00

Channel Termination,
per Termination

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

\$175.00 (l)
 1,400.00
 3,200.00
 3,000.00

700.00
 3,410.00
 3,600.00
 3,600.00

+ For a list of companies included in Group #2 refer to Title Page 3.5.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.2 Citizens Telecommunications Companies - Group #2⁺ (Cont'd)20.2.7 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	\$40.00	\$60.00	\$80.00	(I) (I) (I)
Charges for Additional Labor per Technician, 1/2 hour or Fraction thereof	ALH	30.00	45.00	60.00	(I) (I) (I)
Charges for Additional Testing per Technician, 1/2 hour or Fraction thereof	ALK	30.00	45.00	60.00	(I) (I) (I)
Charges for Standby per Technician, 1/2 hour or Fraction thereof	ALT	30.00	45.00	60.00	(I) (I) (I)
Charges for Programming per Programmer, 1/2 hour or Fraction thereof	ALK	30.00	45.00	60.00	(I) (I) (I)
		<u>Non-recurring Charge</u>			
NID Replacement per 2 pairs of capacity		\$99.00			

* Subject to Minimum Charge of Four Hours.

⁺ Group #2 consists of the following: CTC-NV, CTC-OR, CTC-Golden State, CTC- Volunteer State, CTC-Tuolumne, Mountain State Telephone Company and Navajo Communications Company.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.3 Citizens Telecommunications Companies - GROUP #3⁺ (Cont'd)20.3.2 End User Access Service

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

20.3.2.1	<u>End User Common Line (EUCL) - Business</u>	<u>Per 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	\$4.20	(l)
	<u>End User Common Line (EUCL) - Residence</u>		
	Primary Residence ⁽¹⁾ , per each individual line or trunk	\$4.20	(l)
	Non-Primary Residence ⁽¹⁾ , per each individual line or trunk	\$4.20	(l)
	<u>End User Common Line (EUCL) - ISDN</u>		
	Basic Rate Interface-ISDN, per facility	\$4.20	(l)
	Primary Rate Interface ISDN, per facility	46.00	
20.3.2.1.1	<u>Universal Service Fund (USF) Recovery Charge</u> Surcharge applied to end user revenue	11.4%	(l)
20.3.2.2	ISDN Line Port Charge, per facility		
	-ISDN-BRI	*	
	-ISDN-PRI	*	

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

⁺ For a list of companies included in Group #3 refer to Title Page 3.5.

* No demand rates available upon request.

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.3 Citizens Telecommunications Companies - GROUP #3⁺ (Cont'd)20.3.5 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		\$110.00	
per Termination	EUC2X,TMECS	\$150.00	1000.00	(I) (I)
<u>Channel Mileage</u> Channel Mileage Facility, per Mile	1L5XX 1LFSX,1L5**	3.00		
Channel Mileage Termination, per Termination	TRG,1L5**	16.79		
<u>Optional Features & Functions</u>				
<u>Bridging</u>				
Three premises bridging, per port	BCNM3	*	*	
Series bridging per port	BCNMS	*	*	

* No demand - rates available on request.

⁺ For a list of companies included in Group #3 refer to Title Page 3.5.

(X) Issued under the authority of Special Permission No. 99-110 granted by the FCC.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.3 Citizens Telecommunications Companies - GROUP #3⁺ (Cont'd)20.3.5 Special Access Service (Cont'd)High CapacityChannel TerminationChannel Termination,
per OrderMonthly
RateNonrecurring
Charge

DS-1	-	1.544 Mbps		\$130.59
DS-3	-	44.736 Mbps		415.00
OC-3	-	155.520 Mbps		415.00
OC-3c	-	155.520 Mbps		415.00

Channel Termination,
per Termination

DS-1	-	1.544 Mbps	\$150.00	700.00
DS-3	-	44.736 Mbps	1,200.00	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

(I)

+ For a list of companies included in Group #2 refer to Title Page 3.5.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.3 Citizens Telecommunications Companies - GROUP #3⁺ (Cont'd)20.3.7 Miscellaneous Service (Cont'd)

<u>Miscellaneous Service</u>	<u>USOC</u>	<u>Basic</u>	<u>Overtime</u>	<u>Premium</u>	
Charges for Additional Engineer per Engineer, 1/2 hour of Fraction thereof	AEH	\$40.00	\$60.00	\$80.00	(I) (I) (I)
Charges for Additional Labor per Technician, 1/2 hour or Fraction thereof	ALH	30.00	45.00	60.00	(I) (I) (I)
Charges for Additional Testing per Technician, 1/2 hour or Fraction thereof	ALK	30.00	45.00	60.00	(I) (I) (I)
Charges for Standby per Technician, 1/2 hour or Fraction thereof	ALT	30.00	45.00	60.00	(I) (I) (I)
Charges for Programming per Programmer, 1/2 hour or Fraction thereof	ALK	30.00	45.00	60.00	(I) (I) (I)
		<u>Non-recurring Charge</u>			
NID Replacement per 2 pairs of capacity		\$99.00			

* Subject to Minimum Charge of Four Hours.

+ For a list of companies included in Group #3 refer to Title Page 3.5.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Citizens Telecommunications Companies - Group #4+(Cont'd)20.4.2 End User Access Service

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

20.4.2.1	<u>End User Common Line (EUCL) – Business</u>	<u>Per 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	6.50	
	<u>End User Common Line (EUCL) - Residence</u>		
	Primary Residence ⁽¹⁾ , per each individual line or trunk	6.50	
	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	
20.4.2.1.1	<u>Universal Service Fund (USF) Recovery Charge</u> Surcharge applied to end user revenue	11.4%	(I)
20.4.2.2	<u>ISDN Line Port Charge, per facility</u>		
	-ISDN-BRI	2.00	
	-ISDN-PRI	9.56	

(1) Includes Centrex CO and CO-Like Dormitory Service.
 + For a list of companies included in Group #4 refer to Title Page 3.6.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Citizens Telecommunications Companies - Group #4+ (Cont'd)20.4.3 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	\$50.00	(I)
<u>Design Change Charge</u>			
- Per Order	H28	26.21	
<u>Cancellation Charge</u>			
- Per Order		402.75	

+ Group #4 consists of the following: CTC-NE, CTC-IL and CTC-MN.

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Citizens Telecommunications Companies - Group #4+ (Cont'd)20.4.5 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	\$150.00	1000.00	(l) (l)
<u>Channel Mileage</u> Channel Mileage Facility, per Mile	1L5XX 1LFSX,1L5	2.45		
Channel Mileage Termination, per Termination	TRG,1L5	28.77		
<u>Optional Features & Functions</u> Bridging				
Three premises bridging, per port	BCNM3	*	*	
Series bridging per port	BCNMS	*	*	

* No demand - rates available on request.

+ Group #4 consists of the following: CTC-NE, CTC-IL and CTC-MN.

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Citizens Telecommunications Companies - Group #4 + (Cont'd)20.4.5 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		\$50.00	250.00	(R)
4.8 kpbs		\$50.00	250.00	
9.6 kbps		\$50.00	250.00	
19.2 kbps		\$50.00	250.00	
56.0 kbps		\$50.00	250.00	
64.0 kbps		\$50.00	250.00	(R)
<u>Channel Mileage</u> Channel Mileage Facility, per Mile	1LFSX, 1L5			
2.4 kbps		4.80		
4.8 kpbs		4.80		
9.6 kbps		4.80		
19.2 kbps		3.81		
56.0 kbps		3.82		
64.0 kbps		3.82		
Channel Mileage Termination, TRG, per Termination	1L5			
2.4 kbps		30.93		
4.8 kpbs		30.93		
9.6 kbps		30.93		
19.2 kbps		30.94		
56.0 kbps		30.94		
64.0 kbps		30.94		

⁺ For a list of companies included in Group #4 refer to Title Page 3.6.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Citizens Telecommunications Companies - Group #4+ (Cont'd)20.4.5 Special Access Service (Cont'd)High Capacity ServiceChannel TerminationChannel Termination,
per OrderMonthly
RateNonrecurring
Charge

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

\$130.59
 415.00
 415.00
 415.00

Channel Termination,
per Termination

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

\$245.00
 1,400.00
 3,200.00
 3,000.00

700.00
 3,410.00
 3,600.00
 3,600.00

(I) (I)

+ For a list of companies included in Group #4 refer to Title Page 3.6.

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.4 Citizens Telecommunications Companies - Group #4+ (Cont'd)20.4.7 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	\$40.00	\$60.00	\$80.00	(I) (I) (I)
Charges for Additional Labor per Technician, 1/2 hour or Fraction thereof	ALH	30.00	45.00	60.00	(I) (I) (I)
Charges for Additional Testing per Technician, 1/2 hour or Fraction thereof	ALK	30.00	45.00	60.00	(I) (I) (I)
Charges for Standby per Technician, 1/2 hour or Fraction thereof	ALT	30.00	45.00	60.00	(I) (I) (I)
Charges for Programming per Programmer, 1/2 hour or Fraction thereof	ALK	30.00	45.00	60.00	(I) (I) (I)
		<u>Non-recurring Charge</u>			
NID Replacement per 2 pairs of capacity		\$99.00			

* Subject to Minimum Charge of Four Hours.

+ Group #4 consists of the following: CTC-NE, CTC-IL and CTC-MN.

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

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.

20.5 Citizens Telecommunications Companies - Group #5⁺20.5.1 Carrier Common Line

Regulations concerning Carrier Common Line Access Service are set forth in Section 3 preceding.	None
	None

Premium Access

Originating, per Access Minute	None
--------------------------------	------

*Terminating, per Access Minute	None
---------------------------------	------

Non Premium Access

Originating, per Access Minute	None
--------------------------------	------

*Terminating, per Access Minute	None
---------------------------------	------

(Includes Marketing expense)

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.1 Carrier Common Line (Cont'd)Primary Interexchange Carrier Charge (PICC)
 Monthly
Rate
ResidencePrimary, ⁽¹⁾ per individual line or trunk

None

Non-Primary, ⁽¹⁾ per individual line or trunk

None

Business (Non-Centrex)

Single Line Business, per line or trunk

Multi-Line Business

None

- per individual line or trunk

None

Centrex

- per Centrex line

- 9 or more lines

- 8 lines

None

- 7 lines

None

- 6 lines

None

- 5 lines

None

- 4 lines

- 3 lines

- 2 lines

ISDN

ISDN-BRI, per facility

None

ISDN-PRI, per facility

None

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

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.2 End User Access Service

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

20.5.2.1	<u>End User Common Line (EUCL) - Business</u>	Per Month
	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	\$6.50
	<u>End User Common Line (EUCL) - Residence</u> Primary Residence ⁽¹⁾ , per each individual line or trunk Non-Primary Residence ⁽¹⁾ , per each individual line or trunk	\$6.50 6.50
	<u>End User Common Line (EUCL) - ISDN</u>	
	Basic Rate Interface-ISDN, per facility	6.50
	Primary Rate Interface ISDN, per facility	46.00
20.5.2.1.1	<u>Universal Service Fund (USF) Recovery Charge</u> Surcharge applied end user revenue	11.4%
20.5.2.2	ISDN Line Port Charge, per facility -ISDN-BRI -ISDN-PRI	2.23 23.51

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

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Citizens Telecommunications Companies – Group #5+ (Cont'd)

(N)

Reserved For Future Use

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Citizens Telecommunications Companies – Group #5+ (Cont'd)

20.5.2 End User Access Service (Cont'd)

20.5.2.3 Local Number Portability (LNP) Charges

Reserved For Future Use

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.3 Access Ordering

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

	Nonrecurring Charge
<u>Service Date Change Charge</u>	
- Per Order	\$50.00
<u>Design Change Charge</u>	
- Per Order	31.76
<u>Cancellation Charge</u>	
- Per Order	402.75

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #1⁺ (Cont'd)20.5.4 Switched Access Service

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

Local Switching

Premium, per Access Minute	\$0.00260178
Non Premium, per Access Minute	\$0.00117080

Per Installation	0.00
Per Order	130.23

USOC: SESCL/ASROC
 USOC: TTPP++

Shared Trunk Port Charge	
Per Tandem Switched Access Minute	\$0.00109690

<u>Switched 56 Kbps</u>	
Per Access Minute	\$0.00260178

Information Surcharge

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

<u>Dedicated Trunk Port Charge</u>	<u>Monthly Charge</u>
-Voice Grade / DS0	10.00
-DS1	150.00
-DS3	5,000.00

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.4 Switched Access Service (Cont'd)Operator Services

Operator Transfer Service	
- per call transferred	\$0.200000

Busy Line Verify	
- per call	None

Interrupt	
- per call	None

Operator Assistance	
- per call	None

Carrier Identification ParameterCIP, per trunk Group

- per month	\$50.00
- nonrecurring charge	\$65.00

Local Transport*Entrance Facility

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.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.4 Switched Access Service (Cont'd)

	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
Entrance Facility - <u>2-wire and 4-wire Voice Grade</u> *		
2-Wire Voice Grade	\$55.93	
4-Wire Voice Grade	91.00	
Service Installation Charge - per entrance facility		\$488.24
 <u>Entrance Facility - DS1</u> - per DS1	150.00	
Service Installation Charge - per entrance facility		600.00

* Voice Grade available for Analog Switching only.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.4 Switched Access Service (Cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Entrance Facility - DS3</u> -per DS3	\$1,500.00	
<u>Service Installation Charge</u> -per DS3		\$3,410.00

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.4 Switched Access Service (Cont'd)Monthly
RateDirect Trunked TransportDirect Trunked Transport - Voice Grade*

Termination - per Term 38.00

Facility - per Mile 0.61

Direct Trunked Transport - DS1

Termination - per Term \$150.00

Facility - per Mile \$7.33

* Voice Grade Available for Analog Switching only.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.4 Switched Access Service (Cont'd)

	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
<u>Direct Trunked Transport - DS3</u> Termination, per Term, USOC:DTTD3	\$900.00	
 Facility, per Mile, USOC:1YTDS	120.00	
 <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
 Per 24 Trunks Activated or Fraction Thereof on a Per Order basis		50.81

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.4 Switched Access Service (Cont'd)Tandem Switched TransportTandem Switched Facility

Per Access Minute, per Mile	\$0.000050
-----------------------------	------------

Tandem Switched Termination

Per Access Minute, per Termination	0.00193039
------------------------------------	------------

Tandem Switching

Per Access Minute, per Tandem	0.00005000
-------------------------------	------------

Transitional Interconnection Charge

Per Access Minute

For Company Provided Transport (Terminating Only)	0.000000
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For Non-Company Provided Transport	0.000000
------------------------------------	----------

Shared Multiplexing

Per Tandem Switched Access Minute	0.000050
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Shared Multiplexing

Per End Office Switched Access Minute	0.00005000
---------------------------------------	------------

Monthly RateDedicated Trunk Port Charge

(on Serving Wire Center side of Access Tandem)

-Voice Grade / DS0

10.00

-DS1

150.00

-DS3

5,000.00

Multiplexing

DS1 to Voice	DS3 to DS1
-----------------	---------------

Monthly Rate

\$263.00

1,400.00

Installation Charge

417.00

1,297.00

+

For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.4 Switched Access Service (Cont'd)Common Channel Signaling/SS7 Network Connection

	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
<u>Signaling Network Access Link</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	720.00	
<u>800/888 Data Base Service</u>		
Basic Query Charge	0.01047977	

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)

20.5.4 Switched Access Service (Cont'd)

Common Channel Signaling/SS7 Network Connection

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.4 Switched Access Service (Cont'd)Miscellaneous Switched Access Rates and Charges

<u>Network Blocking Charge, per Call</u> (FGB, FGC, FGD & SAC)	\$0.02
---	--------

NXX Translation Nonrecurring Charge Per Order	221.00
--	--------

500 NXX Translation Charge, Nonrecurring Charge Per End Office	221.00
---	--------

0 + 900 Service	*
-----------------	---

FGA Optional Toll Blocking, per FGA Line	*
--	---

FGA Usage Sensitive Service Credit Allowance Credit per Originating FGA Access Minute	0.000000
--	----------

	Monthly Recurring <u>Charge</u>
Coin Supervision/Transmission, per Payphone	\$2.10

* No demand - rates on request.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)

20.5.4 Switched Access Service (Cont'd)

(N)

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service

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

<u>Metallic Service</u>		<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
<u>Channel Termination</u>			
per Order			\$130.23
per Termination		\$150.00	1000.00
<u>Channel Mileage</u>			
Channel Mileage Facility, per Mile		0.75	
Channel Mileage Termination, per Termination		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.

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service (Cont'd)

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

<u>Voice Grade Service</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Channel Termination</u> per Order		\$130.23
per Termination		
Two-Wire	55.93	488.24
Four-Wire	91.00	488.24
<u>Channel Mileage</u> Channel Mileage Facility, per Mile	0.61	
Channel Mileage Termination per Termination	39.00	

* No demand - rates available on request

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service (Cont'd)Voice Grade Service (Cont'd)

Monthly
Rate

Optional Features and Functions

Central Office Bridging Capability
 Two-Wire or Four-Wire, per Port

Data	\$1.00
Voice	\$1.00
Telephoto	*
DATAPHONE	*
Telemetry & Alarm	*

Conditioning, per Termination
 - C Type

1.00

- Improved Attenuation
 Distortion

1.00

- Improved Envelope Delay
 Distortion

7.74

* No demand rates available on request.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service (Cont'd)Voice Grade Service (Cont'd)Optional Features and Functions (Cont'd)

Monthly
Rate

Conditioning, per Termination (Cont'd)

- Data Capability
- Sealing Current

\$1.00
 *

Improved Return Loss for Effective
 Two-Wire or Four-Wire Transmission
 per Termination

1.00

Customer Specified Receive Level,
 per Termination

1.00

Signaling Capability
 per Termination

\$1.00

- 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

* No demand rates available on request.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service (Cont'd)Voice Grade Service (Cont'd)Optional Features and Functions (Cont'd)

Monthly
Rate

Selective Signaling Arrangement

\$1.00

Transfer Arrangement
 (Key Activated ** or Dial Up)***

- Per Four Port Arrangement
 including control circuit
 termination****

*

- Per Five Port Arrangement
 including control circuit
 termination****

*

* No demand rates 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 20.5.7.

**** 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.

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service (Cont'd)Voice Grade Service (Cont'd)Optional Features and Functions (Cont'd)

Monthly
Rate

Voice Grade Facility Switching Arrangement

Echo Control

- Echo Suppression, per Circuit
- Echo Cancellor, per Circuit

*

*

Improved Termination Option, per Termination

\$1.00

Improved Equal Level Echo Path Loss,
per TerminationTelephoto Capability
per Termination

* No demand - rates available on request.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service (Cont'd)

<u>Program Audio Service</u>	<u>Monthly Rate</u>	<u>Daily Rate*</u>	<u>Nonrecurring Charge</u>
<u>Channel Termination</u> per order			\$130.23
per Termination			
200 to 3500 Hz	37.52	\$5.20	741.01
100 to 5000 Hz	37.95	5.20	741.01
50 to 8000 Hz	37.95	5.20	741.01
50 to 15000 Hz	37.95	5.20	741.01
<u>Channel Mileage</u> Channel Mileage Facility, per Mile	37.95		
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	0.32	
<u>Channel Mileage Termination</u> per Termination			
200 to 3500 Hz	37.95	4.57	
100 to 5000 Hz	37.95	4.57	
50 to 8000 Hz	37.95	4.57	
50 to 15000 Hz	37.95	4.57	

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

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service (Cont'd)Program Audio Service (Cont'd)

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

* No demand - rates available on request.

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

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)

20.5.5 Special Access Service (Cont'd)

(N)

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service (Cont'd)

<u>Digital Data Service</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Channel Termination</u>		\$130.23
per order		
per termination		
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	46.00	519.09
64.0 kbps	46.00	519.09
<u>Channel Mileage</u>		
Channel Mileage Facility, per Mile		
2.4 kbps	0.35	
4.8 kbps	0.35	
9.6 kbps	0.35	
19.2 kbps	0.35	
56.0 kbps	0.30	
64.0 kbps	0.30	
<u>Channel Mileage Termination</u>		
per Termination		
2.4 kbps	47.00	
4.8 kbps	47.00	
9.6 kbps	47.00	
19.2 kbps	47.00	
56.0 kbps	31.99	
64.0 kbps	31.99	

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service (Cont'd)Digital Data Service (Cont'd)

<u>Optional Features and Functions</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Central Office Bridging, per Port	\$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****	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 20.5.7

**** 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.

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5+ (Cont'd)20.5.5 Special Access Service (Cont'd)High Capacity Service

Channel Termination
 Channel Termination,
 per Order

Monthly
Rate

Nonrecurring
Charge

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

\$130.59
 415.00
 415.00
 415.00

Channel Termination,
 per Termination

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

\$82.27
 686.51
 3,200.00
 3,000.00

700.00
 3,410.00
 3,600.00
 3,600.00

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5+ (Cont'd)20.5.5 Special Access Service (Cont'd)High Capacity ServiceChannel MileageChannel Mileage Facility
per MileMonthly
RateNonrecurring
Charge

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

\$ 4.57
 54.85
 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

88.38
 411.36
 2,000.00
 2,000.00

Optional Features and Functions
MultiplexingMonthly
Rate

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

\$1,500.00
 1,800.00
 1,400.00
 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 #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.5 Special Access Service (Cont'd)High Capacity Service (Cont'd)

<u>Optional Features and Functions</u> (Cont'd)	<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	ICB	ICB
One DSO to Ten		
4.8 Kbps	ICB	ICB
One DSO to Five		
9.6 Kbps	ICB	ICB
Automatic Loop transfer**		
- per Arrangement	ICB	
- per Termination	\$143.05	
Automatic Protection Switching		
per DS1	*	*
Clear Channel Capability, per DS1 circuit arranged	0.00	\$538.19

* 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.

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)

20.5.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

(N)

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)

20.5.5 Special Access Service (Cont'd)

High Capacity Service (Cont'd)

Reserved For Future Use

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.6 Special Federal Government Access Service OfferingsTelecommunications 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.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.6 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.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.6 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

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.7 Miscellaneous Service

<u>Miscellaneous Service</u>	<u>Basic Time</u>	<u>Overtime</u>	<u>Premium Time*</u>
Charges for Additional Engineer per Engineer, 1/2 hour or Fraction thereof	\$40.00	\$60.00	\$80.00
Charges for Additional Labor per Technician, 1/2 hour or Fraction thereof	30.00	45.00	60.00
Charges for Additional Testing per Technician, 1/2 hour or Fraction thereof	30.00	45.00	60.00
Charges for Standby per Technician, 1/2 hour or Fraction thereof	30.00	45.00	60.00
Charges for Programming per Programmer, 1/2 hour or Fraction thereof	30.00	45.00	60.00
	<u>Non-recurring Charge</u>		
NID Replacement per 2 pairs of capacity	\$99.00		

* Subject to Minimum Charge of Four Hours.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.7 Miscellaneous Service (Cont'd)

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

* No demand - rates available on request.

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.7 Miscellaneous Services (Cont'd)Equal Access ChargesNonrecurring
Charge

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

-	Presubscription Change Charge	
-	- Manual (InterLATA change only)	\$5.50
-	- Electronic (InterLATA change only)	1.25
-	- Manual (Simultaneous InterLATA and IntraLATA change)	2.75
-	- Electronic (Simultaneous InterLATA and IntraLATA change)	0.63
-	Unauthorized PIC Change Charge	100.00
-	IC CIC Consolation Charge	1.30
-	USOC: NRBCC	
-	Paper or fax LOA processing Per telephone number	0.75

Recurring
Charge
25.00Special Access Surcharge
USOC: S25Billing Name and Address Service (BNA)

-	Billing Name and Address per Order USOC: BNYM4	28.00
-	Billing Name and Address Found/Each USOC: BNYF4	0.40
-	Billing Name and Address Not Found/Each USOC: BNYX4	0.40

Blocking

900 Blocking Service

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

International Blocking Service 19.95

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

 ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.7 Miscellaneous Services (Cont'd)

	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
<u>End User/Agents List</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 Pre-designated Interexchange Carrier Selection.

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.7 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 20.5.7 Snapshot List, NRC and Snapshot List,
Per Listing for rates and charges.

Government Emergency Telecommunications Service (GETS)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) GETS High Probability of Completion (HPC)		
Service Preparation Charge - - For all issuing carriers		\$224,405.00
GETS HPC Feature		
- Per GETS equipped end office	\$62.36	\$ 352.66
- Per GETS equipped access tandem	\$62.36	\$ 705.32

+ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.7 Miscellaneous Services (Cont'd)Government Emergency Telecommunications Service (GETS)

(2) GETS Reports

Monthly Rate	Nonrecurring Charge
-----	-----

GETS AMA Data Report and the GETS
Operational Measurements (OMS) Report

Service Preparation Charge -
per initial request
for the development of the
GETS AMA Data Report and the
GETS OMS Report:
included with HPC Service
Preparation Charge

Office Activation Charge
for the GETS AMA Data Report and the

GETS OMS Report:

- Per end office or access tandem activated	\$205.62
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Report Modification Charge
for changes requested to the GETS AMA
Data Report or the GETS OMS Report.

- Per programmer labor hour	\$100.00
-----------------------------	----------

Report Distribution Charge
for the production and distribution of the
GETS AMA Data Report and the
GETS OMS Report.

- Per end office or access tandem	\$8.09
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⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.8 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.

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.8 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

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

(N)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)20.5.8 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

⁺ For a list of companies included in Group #5 refer to Title Page 3.6.

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)

20.5.9 Expanded Interconnection Services

Reserved For Future Use

(N)

(N)

ACCESS SERVICE

20. Rates and Charges (Cont'd)

20.5 Citizens Telecommunications Companies - Group #5⁺ (Cont'd)

(N)

Reserved For Future Use

(N)