ADVANCED SERVICES TARIFF Section: 1 Sheet: 49 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.2 Service Components (Cont'd)

4.2.8 Permanent Virtual Circuits (PVCs) (Cont'd)

4.2.8.B Traffic Parameters (Cont'd)

(2) Sustainable Information Rate (SIR)

The Sustainable Information Rate (SIR) specifies the "average" traffic rate that is transmitted and received. SIR is expressed in Kbps or Mbps.

(3) Maximum Burst Size (MBS)

MBS specifies the maximum number of cells per second (cps) that can be transmitted at the PIR. The MBS default is 32cps.

- 4.2.8.C PVC Types
 - (1) Virtual Channel Connection (VCC)

Logical connection between one ATM switch port and another switch port. The VCC allows exchange of information in the form of fixed cells at variable rates. Company configures and maintains the individual VCCs within the ATM connection.

(2) Virtual Path Connection (VPC)

A group of logical connections between one ATM switch port and another ATM switch port. A VPC connection is typically used to route multiple customer defined VCCs as a group. It is the responsibility of the customer to configure and maintain the individual VCCs within a VPC connection.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 50 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.2 Service Components (Cont'd)
 - 4.2.8 Permanent Virtual Circuits (PVCs) (Cont'd)
 - 4.2.8.D VCC/VPC Types
 - (1) Standard VCC/VPC

Standard VCCs/VPCs are utilized in typical ATM networks to provide logical connections between two ports.

(2) Circuit Emulation Service (CES) VCC

CES VCCs provide logical connection between a CES port and another ATM port. CES VCC is to be used in conjunction with CES Port Only. CES VCCs are always provisioned with CBR Quality of Service and a PIR traffic parameter of 1.755 Mbps. A CES DS1 VCC cannot be provisioned to an ATM DS1 UNI Port.

(3) Frame Relay to ATM Service (FRATM) VCC

A FRATM VCC is established to connect two customer locations, one having a Frame Relay port and the other an ATM port, to provide transparent interworking between Frame Relay and ATM networks. The FRATM VCC can be provisioned with either of the following Quality of Service options:

- VBR-nrt Quality of Service on the ATM portion of the service, and Standard Quality of Service on the Frame Relay portion;
- VBR-rt Quality of Service on the ATM portion of the service and Priority Quality of Service on the Frame Relay portion

A FRATM VCC with the VBR-nrt Standard option is priced based upon the ATM SIR value selected. A FRATM VCC with the VBR-rt/Priority option is priced based upon the ATM PIR value selected.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 51 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.2 Service Components (Cont'd)
 - 4.2.8 Permanent Virtual Circuits (PVCs) (Cont'd)
 - 4.2.8.D VCC/VPC Types (Cont'd)
 - (4) Disaster Recovery VCC/VPC

Disaster Recovery VCCs/VPCs allow for the implementation of logical connections between branch locations and a secondary processor/server center (disaster recovery location) should a non-recoverable disaster occur at the primary host location. The disaster recovery location must also be served by an active, Company provided ATM/Frame Relay Port.

Disaster Recovery VCCs/VPCs are provisioned based upon an initial order from the customer and pre-configured in the ATM switch, but set to a disabled mode. Customer must initiate VCC activation with Company and necessary third party vendors.

(5) Alternate Routing VCC/VPC

Alternate Routing VCCs/VPCs provide a logical connection to an alternate host location processor/server in the event of an outage at the primary location. Alternate Routing VCCs/VPCs are to be utilized in the event of an outage at the primary location only, not day-to-day use. Alternate Routing VCCs/VPCs are provisioned based upon an initial order from the customer and available at all times. The remote customer location is provisioned with two active VCCs/VPCs, one end to the primary customer location and one end to the backup customer location.

(6) Multicasting VCC

Multicasting VCCs are used to communicate unidirectionally from one location to many locations. It allows customer premises equipment to send cells into the Company ATM network over a specially designated Multicast VCC. The cells are replicated and sent across various VCCs defined on the same port as the Multicast VCC. Multicast VCCs are used in conjunction with the VBR-nrt Quality of Service and SIR traffic parameter.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 52 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.2 Service Components (Cont'd)
 - 4.2.8 Permanent Virtual Circuits (PVCs) (Cont'd)

4.2.8.E Quality of Service (QoS)

The PVC Quality of Service required is based upon the traffic parameter selected.

(1) Constant Bit Rate (CBR)

CBR supports the transmission of a continuous flow of user information required to support applications where variable delays in transmission could negatively impact the streaming information content. CBR is the highest priority traffic on the network. Examples of applications requiring CBR are video and data streaming. When choosing CBR, customer must specify the Peak Information Rate (PIR), Sustained Information Rate (SIR) and Maximum Burst Size (MBS) Traffic Parameters. The PIR is used to determine the price.

(2) Variable Bit Rate - real time (VBR-rt)

VBR-rt supports traffic transmission levels for applications where the PVC requires low cell deviation. Such applications could include variable bit rate video compression and packet voice and video, which are somewhat tolerant of delay. When choosing VBR-rt, customer must specify the Peak Information Rate (PIR), Sustained Information Rate (SIR) and Maximum Burst Size (MBS) traffic parameters. The PIR is used to determine the price.

(3) Variable Bit Rate - non real time (VBR-nrt)

VBR-nrt supports traffic transmission levels for applications where the PVC can tolerate larger cell delay variation than VBR-rt. Such applications could include data file transfers. When choosing VBR-nrt, customer must specify the Peak Information Rate (PIR), Sustained Information Rate (SIR) and Maximum Burst Size (MBS) traffic parameters. The SIR is used to determine the price.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 53 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.2 Service Components (Cont'd)
 - 4.2.8 Permanent Virtual Circuits (PVCs) (Cont'd)
 - 4.2.8.E Quality of Service (QoS) (Cont'd)
 - (3) Unspecified Bit Rate (UBR)

UBR supports the transmission of a continuous bit stream of traffic for delay-tolerant applications such as data file transfers. When choosing UBR, customer must specify the Peak Information Rate (PIR) traffic parameter. The PIR value cannot be greater than the port speed. Customers wishing to oversubscribe may purchase additional UBR connections.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 54 Revision: Original Replacing:

ADVANCED SERVICES

4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)

4.3 Rates

UNI Por	t Only	Out of	Term	1 Y	ear	2 7	ear	3 Ye	ar	5 Yea	ar
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
DS1	1.5Mbps	\$1,503	NA	\$1,443	\$600	\$1,382	\$600	\$1,310	\$0	\$790	\$0
Subrate DS3	20Mbps	\$5,789	NA	\$5,162	\$1,250	\$4,589	\$1,250	\$3,965	\$0	\$2,318	\$0
DS3	40Mbps	\$8,093	NA	\$7,443	\$1,250	\$6,616	\$1,250	\$5,715	\$0	\$3,340	\$0
Subrate OC-3c	50Mbps	\$8,208	NA	\$7,776	\$1,500	\$7,350	\$1,500	\$6,754	\$0	\$4,664	\$0
Subrate OC-3c	100Mbps	\$9,364	NA	\$8,933	\$1,500	\$8,259	\$1,500	\$7,996	\$0	\$5,362	\$0
OC-3c	149Mbps	\$10,148	NA	\$9,468	\$1,500	\$9,042	\$1,500	\$8,655	\$0	\$5,735	\$0
0C-12c	599Mbps	\$18,788	NA	\$17,531	\$1,500	\$16,740	\$1,500	\$16,023	\$0	\$11,126	\$0

IMA UNI P	ort Only	Out of	Term	1 7	ear	2 2	ear	3 Ye	ar	5 Yei	ar ¹
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
2 DS1s	3.0Mbps	\$2,592	NA	\$2,337	\$1,200	\$2,238	\$1,200	\$2,117	\$0	\$1,278	\$0
3 DS1s	4.5Mbps	\$2,878	NA	\$2,669	\$1,200	\$2,556	\$1,200	\$2,420	\$0	\$1,461	\$0
4 DS1s	6.0Mbps	\$3,388	NA	\$3,002	\$1,200	\$2,878	\$1,200	\$2,722	\$0	\$1,644	\$0
5 DS1s	7.6Mbps	\$3,802	NA	\$3,401	\$1,200	\$3,258	\$1,200	\$3,086	\$0	\$1,863	\$0
6 DS1s	9.1Mbps	\$4,222	NA	\$3,801	\$1,200	\$3,642	\$1,200	\$3;448	\$0	\$2,082	\$0
7 DS1s	10.6Mbps	\$4,636	NA	\$4,200	\$1,200	\$4,025	\$1,200	\$3,812	\$0	\$2,302	\$0
8 DS1s	12.1Mbps	\$5,320	NA	\$4,865	\$1,200	\$4,474	\$1,200	\$4,234	\$0	\$2,675	\$0

B-ICI PO	rt Only	Out of	Term	1 2	ear	2 9	ear	3 Ye	ar	5 Ye	ar ¹
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
DS1	1.5Mbps	\$3,654	NA	\$3,214	\$600	\$2,775	\$600	\$2,332	\$0	\$1,310	\$0
DS3	40Mbps	\$8,175	NA	\$7,516	\$1,250	\$6,671	\$1,250	\$5,850	\$0	\$3,492	\$0
0C-3c	149Mbps	\$10,539	NA	\$9,910	\$1,500	\$9,516	\$1,500	\$9,155	\$0	\$6,104	\$0
0C-12c	599Mbps	\$19,930	NA	\$18,675	\$1,500	\$17,883	\$1,500	\$17,164	\$0	\$11,412	\$0

¹ Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 55 Revision: Original Replacing:

ADVANCED SERVICES

4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)

4.3 Rates (Cont'd)

Bandwidth DS1	Speed	Monthly \$1,523	NRC	Monthly \$1,463	NRC	Monthly \$1,402	NRC	Monthly \$1,330	NRC	Monthly \$810	NRC \$0
CES Port O		Out of	Term	1 7	ear	2 Y	ear	3 Yea	r 🕄	5 Yea	lr ¹

UNI Port and	Access	Out of	Term	1 1	ear	2 1	lear	3 Ye	ar	5 Yea	ar ¹
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
DS1 Port	1.5Mbps	\$1,503	NA	\$1,443	\$600	\$1,382	\$600	\$1,310	\$0	\$790	\$0
Access	1.5Mbps	\$248	NA	\$227	\$400	\$218	\$400	\$208	\$0	\$204	\$0
Total DS1 Port and Access	1.5Mbps	\$1,751	NA	\$1,670	\$1,000	\$1,600	\$1,000		· · · ·		\$0
Subrate DS3 Port	20Mbps	\$5,789	NA	\$5,162	\$1,250	\$4,589	\$1,250	\$3,965	\$0	\$2,318	\$0
Access	20Mbps	\$2,736	NA	\$2,585	\$1,250	\$2,437	\$1,250	\$1,985	\$0	\$1,671	\$0
Total Subrate DS3 Port and Access	20Mbps	\$8,525	NA	\$7,747	\$2,500	\$7,026			\$0	<2 090	\$0
DS3 Port	40Mbps	\$8,093	NA	\$7,443	\$1,250	\$6,616	\$1,250	\$5,715	\$0	\$3,340	\$0
Access	40Mbps	\$2,736	NA	\$2,585	\$1,250	\$2,437	\$1,250	\$1,985	\$0	\$1,671	\$0
Total DS3 Port and Access	40Mbps	\$10,829	NA	\$10,028	\$2,500	\$9,053	\$2,500	\$7,700	\$0	\$5,011	\$0
Subrate OC-3c Port	50Mbps	\$8,208	NA	\$7,776	\$1,500	\$7,350	\$1,500	\$6,754	\$0	\$4,664	\$0
Access	50Mbps	\$2,867	NA	\$2,839	\$3,000	\$2,675	\$3,000	\$2,179	\$0	\$1,946	\$0
Total Subrate OC-3c Port and Access	50Mbps	\$11,075	NA	\$10,615	\$4,500	\$10,025	\$4,500	\$8,933	\$0	\$6,610	\$0
Subrate OC-3c Port	50Mbps	\$8,208	NA	\$7,77 6	\$1,500	\$7,350	\$1,500	\$6,754	\$0	\$4,664	\$0
Access (Protected)	50Mbps	\$3,867	NA	\$3,839	\$3,000	\$3,675	\$3,000	\$3,179	\$0	\$2,946	\$0
Total Subrate OC-3c Port and Access (Protected)	50Mbps	\$12,075	NA	\$11,615	\$4,500	\$11,025	\$4,500	\$9,933	\$0	\$7,610	\$0
Subrate OC-3c Port	100Mbps	\$9,364	NA	\$8,933	\$1,500	\$8,259	\$1,500	\$7,996	\$0	\$5,362	\$0
Access	100Mbps	\$2,867	NA	\$2,839	\$3,000	\$2,675	\$3,000	\$2,179	\$0	\$1,946	\$0
Total OC-3c Port and Access	100Mbps	\$12,231	NA	\$11,772	\$4,500	\$10,934	\$4,500	\$10,175	\$0	\$7,308	\$0
Subrate OC-3c Port	100Mbps	\$9,364	NA	\$8,933	\$1,500	\$8,259	\$1,500	\$7,996	\$0	\$5,362	\$0
Access (Protected)	100Mbps	\$3,867	NA	\$3,839	\$3,000	\$3,675	\$3,000	\$3,179	\$0	\$2,946	\$0
Total OC-3c Port and Access (Protected)	100Mbps	\$13,231	NA	\$12,772	\$4,500	\$11,934	\$4,500	\$11,175	\$0	\$8,308	\$0

 1 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 56 Revision: Original Replacing:

ADVANCED SERVICES

4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)

4.3 Rates (Cont'd)

UNI Port and	i Access	Out of	Term	1 7	ear	2 1	'ear	3 Ye	ar 🦷	5 Yea	ır ¹
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
OC-3c Port	149Mbps	\$10,148	NA	\$9,468	\$1,500	\$9,042	\$1,500	\$8,655	\$0	\$5,735	\$0
Access	149Mbps	\$2,867	NA	\$2,839	\$3,000	\$2,675	\$3,000	\$2,179	\$0	\$1,946	\$0
Total OC-3c Port and Access	149Mbps	\$13,015	NA	\$12,307	\$4,500	\$11,717	\$4,500	\$10,834	\$0	\$7,681	\$0
OC-3c Port	149Mbps	\$10,148	NA	\$9,468	\$1,500	\$9,042	\$1,500	\$8,655	\$0	\$5,735	\$0
Access (Protected)	149Mbps	\$3,867	NA	\$3,839	\$3,000	\$3,675	\$3,000	\$3,179	\$0	\$2,946	\$0
Total OC-3c Port and Access (Protected)	149Mbps	\$14,015	NA	\$13,307	\$ 4 ,500	\$12,717	\$4,500	\$11,834	\$0	\$8,681	\$0
OC-12c Port	599Mbps	\$18,788	NA	\$17,531	\$1,500	\$16,740	\$1,500	\$16,023	\$0	\$11,126	\$0
Access ²	599Mbps	\$5,142	NA	\$4,686	\$6,000	\$4,686	\$6,000	\$3,886	\$0	\$2,962	\$0
Total OC-12c Port and Access	599Mbps	\$23,930	NA	\$22,217	\$7,500	\$21,426	\$7,500	\$19,909	\$0	\$14,088	\$0
OC-12c Port	599Mbps	\$18,788	NA	\$17,531	\$1,500	\$16,740	\$1,500	\$16,023	\$0	\$11,126	\$0
Access ² (Protected)	599Mbps	\$6,142	NA	\$5,686	\$6,000	\$5,686	\$6,000	\$4,886	\$0	\$3,962	\$0
Total OC-12c Port and Access (Protected)	599Mbps	\$24,930	NA	\$23,217	\$7,500	\$22,426	\$7,500	\$20,909	\$0	\$15,088	\$0

IMA UNI Port Access	and	Out of	Term	1 1	ear	2 7	ear	3 Ye	sr	5 Yea	ur ¹
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
2 DS1s Port	3.0Mbps	\$2,592	NA	\$2,337	\$1,200	\$2,238	\$1,200	\$2,117	\$0	\$1,278	\$0
Access	3.0Mbps	\$496	NA	\$454	\$800	\$435	\$800	\$416	\$0	\$407	\$0
Total 2 DS1s Port and Access	3.0Mbps	\$3,088	NA	\$2,791	\$2,000	\$2,673	\$2,000	\$2,533	\$0	\$1,685	\$0
3 DS1s Port	4.5Mbps	\$2,878	NA	\$2,669	\$1,200	\$2,556	\$1,200	\$2,420	\$0	\$1,461	\$0
Access	4.5Mbps	\$744	NA	\$682	\$1,200	\$653	\$1,200	\$625	\$0	\$611	\$0
Total 3 DS1s Port and Access	4.5Mbps	\$3,622	NA	\$3,351	\$2,400	\$3,209	\$2,400	\$3,045	\$0	\$2,072	\$0

¹ Effective March 19, 2010, 5 Year terms are not available to new customers.

 2 OC-12c Access rates do not include applicable Interoffice Mileage.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 57 Revision: Original Replacing:

ADVANCED SERVICES

4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)

4.3 Rates (Cont'd)

IMA UNI Po Acces		Out of	Term	ı x	68T	2 Y	ear	3 Ye	1T	5 Уеа	r
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
4 DS1s Port	6.0Mbps	\$3,388	NA	\$3,002	\$1,200	\$2,878	\$1,200	\$2,722	\$0	\$1,644	\$0
Access	6.0Mbps	\$992	NA	\$909	\$1,600	\$871	\$1,600	\$833	\$0	\$814	\$0
Total 4 DS1s Port and Access	6.0Mbps	\$4,380	NA	\$3,911	\$2,800	\$3,749	\$2,800	\$3,555	\$0	\$2,458	\$0
5 DS1s Port	7.6Mbps	\$3,802	NA	\$3,401	\$1,200	\$3,258	\$1,200	\$3,086	\$0	\$1,863	\$0
Access	7.6Mbps	\$1,240	NA	\$1,136	\$2,000	\$1,089	\$2,000	\$1,041	\$0	\$1,018	\$0
Total 5 DS1s Port and Access	7.6Mbps	\$5,042	NA	\$4,537	\$3,200	\$4,347	\$3,200	\$4,127	\$0	\$2,881	\$0
6 DS1s Port	9.1Mbps	\$4,222	NA	\$3,801	\$1,200	\$3,642	\$1,200	\$3,448	\$0	\$2,082	\$0
Access	9.1Mbps	\$1,487	NA	\$1,363	\$2,400	\$1,306	\$2,400	\$1,249	\$0	\$1,221	\$0
Total 6 DS1s Port and Access	9.1Mbps	\$5,709	NA	\$5,164	\$3,600	\$4,948	\$3,600	\$4,697	\$0	\$3,303	\$0
7 DS1s Port	10.6Mbps	\$4,636	NA	\$4,200	\$1,200	\$4,025	\$1,200	\$3,812	\$0	\$2,302	\$0
Access	10.6Mbps	\$1,735	NA	\$1,590	\$2,800	\$1,524	\$2,800	\$1,458	\$0	\$1,425	\$0
Total 7 DS1s Port and Access	10.6Mbps	\$6,371	NA	\$5,790	\$4,000	\$5,549	\$4,000	\$5,270	\$0	\$3,727	\$0
8 DS1s Port	12.1Mbps	\$5,320	NA	\$4,865	\$1,200	\$4,474	\$1,200	\$4,234	\$0	\$2,675	\$0
Access	12.1Mbps	\$1,983	NA	\$1,817	\$3,200	\$1,742	\$3,200	\$1,666	\$0	\$1,628	\$0
Total 8 DS1s Port and Access	12.1Mbps	\$7,303	NA	\$6,682	\$4,400	\$6,216	\$4,400	\$5,900	\$0	\$4,303	\$0

¹ Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 58 Revision: Original Replacing:

NA

NA

\$2,035

\$530

NA

NA

ADVANCED SERVICES

4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)

4.3 Rates (Cont'd)

Fixed

Per Mile

B-ICI Port an	d Access	Out of	Term		ear	2 Y	'ear	3 Хе	ar	5 Yea	rl
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
DS1 Port	1.5Mbps	\$3,654	NA	\$3,214	\$600	\$2,775	\$600	\$2,332	\$0	\$1,310	\$0
Access	1.5Mbps	\$248	NA	\$227	\$400	\$218	\$400	\$208	\$0	\$204	\$0
Total DS1 Port and Access	1.5Mbps	\$3,902	NA	\$3,441	\$1,000	\$2,993	\$1,000	\$2,540	\$0	\$1,514	\$0
DS3 Port	40Mbps	\$8,175	NA	\$7,516	\$1,250	\$6,671	\$1,250	\$5,850	\$0	\$3,492	\$0
Access	40Mbps	\$2,736	NA	\$2,585	\$1,250	\$2,437	\$1,250	\$1,985	\$0	\$1,671	\$0
Total DS3 Port and Access	40Mbps	\$10,911	NA	\$10,101	\$2,500	\$9,108	\$2,500	\$7,835	\$0	\$5,163	\$0
OC-3c Port	149Mbps	\$10,539	NA	\$9,910	\$1,500	\$9,516	\$1,500	\$9,155	\$0	\$6,104	\$0
Access	149Mbps	\$2,867	NA	\$2,839	\$3,000	\$2,675	\$3,000	\$2,179	\$0	\$1,946	\$0
Total OC-3c Port and Access	149Mbps	\$13,406	NA	\$12,749	\$4,500	\$12,191	\$4,500	\$11,334	\$0	\$8,050	\$0
OC-3c Port	149Mbps	\$10,539	NA	\$9,910	\$1,500	\$9,516	\$1,500	\$9,155	\$0	\$6,104	\$0
Access (Protected)	149Mbps	\$3,867	NA	\$3,839	\$3,000	\$3,675	\$3,000	\$3,179	\$0	\$2,946	\$0
Total OC-3c Port and Access (Protected)	149Mbps	\$14,406	NA	\$13,749	\$4,500	\$13,191	\$4,500	\$12,334	\$0	\$9,050	\$0
OC-12c Port	599Mbps	\$19,930	NA	\$18,675	\$1,500	\$17,883	\$1,500	\$17,164	\$0	\$11,412	\$0
Access ²	599Mbps	\$5,142	NA	\$4,686	\$6,000	\$4,686	\$6,000	\$3,886	\$0	\$2,962	\$0
Total OC-12c Port and Access	599Mbps	\$25,072	NA	\$23,361	\$7,500	\$22,569	\$7,500	\$21,050	\$0	\$14,374	\$0
OC-12c Port	599Mbps	\$19,930	NA	\$18,675	\$1,500	\$17,883	\$1,500	\$17,164	\$0	\$11,412	\$0
Access ² (Protected)	599Mbps	\$6,142	NA	\$5,686	\$6,000	\$5,686	\$6,000	\$4,886	\$0	\$3,962	\$0
Total OC-12c Port and Access (Protected)	599Mbps	\$26,072	NA	\$24,361	\$7,500	\$23,569	\$7,500	\$22,050	\$0	\$15,374	\$0
OC-12 Interof Mileage	fice	Out of	\$	ΙY	ear	2 9		3 Ye		5 Yea	2
		Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC

 $^{1}\,$ Effective March 19, 2010, 5 Year terms are not available to new customers.

 $^2\,$ OC-12c Access rates do not include applicable Interoffice Mileage.

\$3,182

\$665

\$3,632

\$775

NA

NA

NA

NA

\$3,182

\$665

NA

NA

\$2,595

\$563

ADVANCED SERVICES TARIFF Section: 1 Sheet: 59 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.3 Rates (Cont'd)

** . *. *	r	······································		DARD PVC	S - MONTI	era		° ∲ °24	t i Mary i
1928	* g * g		Qual	ity of S	ervice ()) 20S)	1. 1. 1. 1. N. 1.	244 ₁ 7 2	*
Speed	UBR	(PIR)	VBR-nrt	(SIR)	VBR-rt	(PIR)	CBR	(PIR)	NRC ²
st	VCC	VPC	• VCC	VPC .	VCC	VPC	vcc	VPC	e vz
8Kbps	\$2	\$3	\$3	\$4	\$6	\$8	\$7	\$9	\$60
16Kbps	\$2	\$3	\$3	\$4	\$6	\$8	\$7	\$9	\$60
32Kbps	\$2	\$3	\$3	\$4	\$6	\$8	\$7	\$9	\$60
48Kbps	\$2	\$3	\$3	\$4	\$6	\$8	\$7	\$9	\$60
56Kbps	\$2	\$3	\$3	\$4	\$6	\$8	\$7	\$9	\$60
64Kbps	\$2	\$3	\$3	\$4	\$6	\$8	\$7	\$9	\$60
128Kbps	\$3	\$4	\$5	\$6	\$6	\$8	\$7	\$9	\$60
192Kbps	\$5	\$6	\$8	\$9	\$9	\$12	\$10	\$13	\$60
256Kbps	\$7	\$8	\$10	\$13	\$13	\$16	\$13	\$17	\$60
320Kbps	\$8	\$10	\$13	\$16	\$16	\$20	\$17	\$21	\$60
384Kbps	\$10	\$13	\$15	\$19	\$19	\$23	\$20	\$25	\$60
448Kbps	\$12	\$15	\$18	\$22	\$22	\$27	\$23	\$29	\$60
512Kbps	\$13	\$17	\$20	\$25	\$25	\$31	\$27	\$33	\$60
576Kbps	\$15	\$19	\$23	\$28	\$28	\$35	\$30	\$38	\$60
640Kbps	\$17	\$21	\$25	\$31	\$31	\$39	\$33	\$42	\$60
704Kbps	\$18	\$23	\$28	\$34	\$34	\$43	\$37	\$46	\$60
768Kbps	\$20	\$25	\$30	\$38	\$38	\$47	\$40	\$50	\$60
832Kbps	\$22	\$27	\$33	\$41	\$41	\$51	\$43	\$54	\$60
896Kbps	\$23	\$29	\$35	\$44	\$44	\$55	\$47	\$58	\$60
960Kbps	\$25	\$31	\$38	\$47	\$47	\$59	\$50	\$63	\$60
1000Kbps	\$25	\$31	\$50	\$63	\$69	\$86	\$75	\$94	\$60
1024Kbps	\$27	\$33	\$40	\$50	\$50	\$63	\$53	\$67	\$60
1536Kbps	\$40	\$50	\$60	\$75	\$75	\$94	\$80	\$100	\$60
2Mbps	\$30	\$38	\$60	\$75	\$83	\$103	\$90	\$113	\$60
3Mbps	\$35	\$44	\$70	\$88	\$96	\$120	\$105	\$131	\$60
4Mbps	\$40	\$50	\$80	\$100	\$110	\$138	\$120	\$150	\$60
5Mbps	\$45	\$56	\$90	\$113	\$124	\$155	\$135	\$169	\$60
6Mbps	\$50	\$63	\$100	\$125	\$138	\$172	\$150	\$188	\$60
7Mbps	\$55	\$69	\$110	\$138	\$151	\$189	\$165	\$206	\$60
8Mbps	\$60	\$75	\$120	\$150	\$165	\$206	\$180	\$225	\$60
9Mbps	\$65	\$81	\$130	\$163	\$179	\$223	\$195	\$244	\$60
10Mbps	\$70	\$88	\$140	\$175	\$193	\$241	\$210	\$263	\$60

- ¹ Nonrecurring charges are waived for PVCs purchased with customer's initial order for installation of ATM service, and only if customer's associated Port or Port and Access is provided under a three (3) or five (5)** year TPP.
- 2 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 60 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.3 Rates (Cont'd)

Fr., 1674	8 <u>`</u> 2	8 ×	. STI	INDARD PV	cs - Mont	[hly		1	signa .
Speed	* .*		Qua	lity of S	ervice (QoS)	- 14 J	W. T	14.
l' pour	UBR	(PIR)	VBR-nr	t (SIR)	VBR-r	t (PIR)	CBR	(PIR)	NRC
hand the second state and the	vcc	VPC	VCC	VPC	VCC	VPC	vcc	VPC	
11Mbps	\$75	\$94	\$150	\$188	\$206	\$258	\$225	\$281	\$60
12Mbps	\$80	\$100	\$160	\$200	\$220	\$275	\$240	\$300	\$60
13Mbps	\$85	\$106	\$170	\$213	\$234	\$292	\$255	\$319	\$60
14Mbps	\$90	\$113	\$180	\$225	\$248	\$309	\$270	\$338	\$60
15Mbps	\$95	\$119	\$190	\$238	\$261	\$327	\$285	\$356	\$60
16Mbps	\$100	\$125	\$200	\$250	\$275	\$344	\$300	\$375	\$60
17Mbps	\$105	\$131	\$210	\$263	\$289	\$361	\$315	\$394	\$60
18Mbps	\$110	\$138	\$220	\$275	\$303	\$378	\$330	\$413	\$60
19Mbps	\$115	\$144	\$230	\$288	\$316	\$395	\$345	\$431	\$60
20Mbps	\$120	\$150	\$240	\$300	\$330	\$413	\$360	\$450	\$60
25Mbps	\$125	\$156	\$250	\$313	\$344	\$430	\$375	\$469	\$60
30Mbps	\$150	\$188	\$300	\$375	\$413	\$516	\$450	\$563	\$60
35Mbps	\$175	\$219	\$350	\$438	\$481	\$602	\$525	\$656	\$60
40Mbps	\$200	\$250	\$400	\$500	\$550	\$688	\$600	\$750	\$60
45Mbps	\$205	\$256	\$410	\$513	\$564	\$705	\$615	\$769	\$60
50Mbps	\$207	\$259	\$414	\$517	\$569	\$711	\$621	\$776	\$60
55Mbps	\$228	\$284	\$455	\$569	\$626	\$782	\$683	\$853	\$60
60Mbps	\$248	\$310	\$497	\$621	\$683	\$853	\$745	\$931	\$60
65Mbps	\$269	\$336	\$538	\$672	\$740	\$925	\$807	\$1,009	\$60
70Mbps	\$290	\$362	\$579	\$724	\$797	\$996	\$869	\$1,086	\$60
75Mbps	\$310	\$388	\$621	\$776	\$853	\$1,067	\$931	\$1,164	\$60
80Mbps	\$331	\$414	\$662	\$828	\$910	\$1,138	\$993	\$1,241	\$60
85Mbps	\$352	\$440	\$703	\$879	\$967	\$1,209	\$1,055	\$1,319	\$60
90Mbps	\$372	\$466	\$745	\$931	\$1,024	\$1,280	\$1,117	\$1,397	\$60
95Mbps	\$393	\$491	\$786	\$983	\$1,081	\$1,351	\$1,179	\$1,474	\$60
100Mbps	\$414	\$517	\$828	\$1,034	\$1,138	\$1,422	\$1,241	\$1,552	\$60
105Mbps	\$434	\$543	\$869	\$1,086	\$1,195	\$1,494	\$1,303	\$1,629	\$60
110Mbps	\$455	\$569	\$910	\$1,138	\$1,252	\$1,565	\$1,366	\$1,707	\$60
115Mbps	\$476	\$595	\$952	\$1,190	\$1,309	\$1,636	\$1,428	\$1,784	\$60
120Mbps	\$497	\$621	\$993	\$1,241	\$1,366	\$1,707	\$1,490	\$1,862	\$60
125Mbps	\$517	\$647	\$1,034	\$1,293	\$1,422	\$1,778	\$1,552	\$1,940	\$60
130Mbps	\$538	\$672	\$1,076	\$1,345	\$1,479	\$1,849	\$1,614	\$2,017	\$60
135Mbps	\$559	\$698	\$1,117	\$1,397	\$1,536	\$1,920	\$1,676	\$2,095	\$60
140Mbps	\$579	\$724	\$1,159	\$1,448	\$1,593	\$1,991	\$1,738	\$2,172	\$60
145Mbps	\$600	\$750	\$1,200	\$1,500	\$1,650	\$2,063	\$1,800	\$2,250	\$60

¹ Nonrecurring charges are waived for PVCs purchased with customer's initial order for installation of ATM service, and only if customer's associated Port or Port and Access is provided under a three (3) or five (5)² year TPP.

 2 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 61 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.3 Rates (Cont'd)

	ay, da ' "	e tite y	FRATM PVCS	5 – Monthly		kin i	S.41.2
		darđ	Alternate	a Routing		Recovery	NRC ¹
Speed	VBR-nrt (SIR)	VBR-rt (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	(SIR)	VBR-rt (PIR)	
	VCC Only	VCC Only	VCC Only	VCC Only	VCC Only	VCC Only	
8Kbps	\$4	\$6	\$3	\$5	\$2	\$3	\$60
16Kbps	\$5	\$8	\$4	\$6	\$3	\$4	\$60
32Kbps	\$6	\$9	\$5	\$8	\$3	\$5	\$60
48Kbps	\$7	\$11	\$6	\$9	\$4	\$5	\$60
56Kbps	\$8	\$12	\$7	\$10	\$4	\$6	\$60
64Kbps	\$9	\$14	\$8	\$11	\$5	\$7	\$60
128Kbps	\$10	\$15	\$9	\$13	\$5	\$8	\$60
192Kbps	\$11	\$17	\$9	\$14	\$6	\$8	\$60
256Kbps	\$12	\$18	\$10	\$15	\$6	\$9	\$60
320Kbps	\$13	\$19	\$11	\$16	\$6	\$9	\$60
384Kbps	\$15	\$23	\$13	\$19	\$8	\$11	\$60
448Kbps	\$18	\$26	\$15	\$22	\$9	\$13	\$60
512Kbps	\$20	\$30	\$17	\$26	\$10	\$15	\$60
576Kbps	\$23	\$34	\$19	\$29	\$11	\$17	\$60
640Kbps	\$25	\$38	\$21	\$32	\$13	\$19	\$60
704Kbps	\$28	\$41	\$23	\$35	\$14	\$21	\$60
768Kbps	\$30	\$45	\$26	\$38	\$15	\$23	\$60
832Kbps	\$33	\$49	\$28	\$41	\$16	\$24	\$60
896Kbps	\$35	\$53	\$30	\$45	\$18	\$26	\$60
960Kbps	\$38	\$56	\$32	\$48	\$19	\$28	\$60
1000Kbp	\$50	\$75	\$43	\$64	\$25	\$38	\$60
1024Kbp	\$40	\$60	\$34	\$51	\$20	\$30	\$60
1536Kbp	\$60	\$90	\$51	\$77	\$30	\$45	\$60
2Mbps	\$60	\$90	\$51	\$77	\$30	\$45	\$60
3Mbps	\$70	\$105	\$60	\$89	\$35	\$53	\$60
4Mbps	\$80	\$120	\$68	\$102	\$40	\$60	\$60
5Mbps	\$90	\$135	\$77	\$115	\$45	\$68	\$60
6Mbps	\$100	\$150	\$85	\$128	\$50	\$75	\$60
7Mbps	\$110	\$165	\$94	\$140	\$55	\$83	\$60
8Mbps	\$120	\$180	\$102	\$153	\$60	\$90	\$60
9Mbps	\$130	\$195	\$111	\$166	\$65	\$98	\$60
10Mbps	\$140	\$210	\$119	\$179	\$70	\$105	\$60

- 1 Nonrecurring charges are waived for PVCs purchased with customer's initial order for installation of ATM service, and only if customer's associated Port or Port and Access is provided under a three (3) or five $(5)^2$ year TPP.
- 2 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 62 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.3 Rates (Cont'd)

		8. ·	FRATM PVCS	- MONTHLY	С. 2 С. 2 С. 2 С. 2 С. 2 С. 2 С. 2 С. 2		12
- <i>5</i> 22	Star	dard	Alternate	Routing	Disaster	Recovery	E Start
Speed	VBR-nrt (SIR)	VBR-rt (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	NRC
e Alexandre di Statute Alexandre	VCC Only	VCC Only	VCC Only	VCC Only	VCC Only	VCC Only	n L C A
11Mbps	\$150	\$225	\$128	\$191	\$75	\$113	\$60
12Mbps	\$160	\$240	\$136	\$204	\$80	\$120	\$60
13Mbps	\$170	\$255	\$145	\$217	\$85	\$128	\$60
14Mbps	\$180	\$270	\$153	\$230	\$90	\$135	\$60
15Mbps	\$190	\$285	\$162	\$242	\$95	\$143	\$60
16Mbps	\$200	\$300	\$170	\$255	\$100	\$150	\$60
17Mbps	\$210	\$315	\$179	\$268	\$105	\$158	\$60
18Mbps	\$220	\$330	\$187	\$281	\$110	\$165	\$60
19Mbps	\$230	\$345	\$196	\$293	\$115	\$173	\$60
20Mbps	\$240	\$360	\$204	\$306	\$120	\$180	\$60
25Mbps	\$250	\$375	\$213	\$319	\$125	\$188	\$60
30Mbps	\$300	\$450	\$255	\$383	\$150	\$225	\$60
35Mbps	\$350	\$525	\$298	\$446	\$175	\$263	\$60
40Mbps	\$400	\$600	\$340	\$510	\$200	\$300	\$60

¹ Nonrecurring charges are waived for PVCs purchased with customer's initial order for installation of ATM service, and only if customer's associated Port or Port and Access is provided under a three (3) or five (5)² year TPP.

² Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 63 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.3 Rates (Cont'd)

· · ·	Alterna	te Routing	g PVCs -	Monthly	Disaste	Monthly			
*21 *8	°, 'ø	Quality o	E Service	ŀ	1. The second se	Quality of	Service		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
SPEED	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	NRC ¹
a da se de s	1.6. 2 ^{.4}	VCC (Dnly	k		VCC O	L	<u>t</u>	ing to the second s
8Kbps	\$2	\$3	\$5	\$6	\$1	\$2	\$3	\$4	\$60
16Kbps	\$2	\$3	\$5	\$6	\$1	\$2	\$3	\$4	\$60
32Kbps	\$2	\$3	\$5	\$6	\$1	\$2	\$3	\$4	\$60
48Kbps	\$2	\$3	\$5	\$6	\$1	\$2	\$3	\$4	\$60
56Kbps	\$2	\$3	\$5	\$6	\$1	\$2	\$3	\$4	\$60
64Kbps	\$2	\$3	\$5	\$6	\$1	\$2	\$3	\$4	\$60
128Kbps	\$3	\$4	\$5	\$6	\$2	\$3	\$3	\$4	\$60
192Kbps	\$4	\$6	\$8	\$9	\$3	\$4	\$5	\$5	\$60
256Kbps	\$6	\$9	\$11	\$11	\$3	\$5	\$6	\$7	\$60
320Kbps	\$7	\$11	\$13	\$14	\$4	\$6	\$8	\$8	\$60
384Kbps	\$9	\$13	\$16	\$17	\$5	\$8	\$9	\$10	\$60
448Kbps	\$10	\$15	\$19	\$20	\$6	\$9	\$11	\$12	\$60
512Kbps	\$11	\$17	\$21	\$23	\$7	\$10	\$13	\$13	\$60
576Kbps	\$13	\$19	\$24	\$26	\$8	\$11	\$14	\$15	\$60
640Kbps	\$14	\$21	\$27	\$28	\$8	\$13	\$16	\$17	\$60
704Kbps	\$16	\$23	\$29	\$31	\$9	\$14	\$17	\$18	\$60
768Kbps	\$17	\$26	\$32	\$34	\$10	\$15	\$19	\$20	\$60
832Kbps	\$18	\$28	\$35	\$37	\$11	\$16	\$20	\$22	\$60
896Kbps	\$20	\$30	\$37	\$40	\$12	\$18	\$22	\$23	\$60
960Kbps	\$21	\$32	\$40	\$43	\$13	\$19	\$23	\$25	\$60
1000Kbps	\$21	\$43	\$58	\$64	\$13	\$25	\$34	\$38	\$60
1024Kbps	\$23	\$34	\$43	\$45	\$13	\$20	\$25	\$27	\$60
1536Kbps	\$34	\$51	\$64	\$68	\$20	\$30	\$38	\$40	\$60
2Mbps	\$26	\$51	\$70	\$77	\$15	\$30	\$41	\$45	\$60
3Mbps	\$30	\$60	\$82	\$89	\$18	\$35	\$48	\$53	\$60
4Mbps	\$34	\$68	\$94	\$102	\$20	\$40	\$55	\$60	\$60
5Mbps	\$38	\$77	\$105	\$115	\$23	\$45	\$62	\$68	\$60
6Mbps	\$43	\$85	\$117	\$128	\$25	\$50	\$69	\$75	\$60
7Mbps	\$47	\$94	\$129	\$140	\$28	\$55	\$76	\$83	\$60
8Mbps	\$51	\$102	\$140	\$153	\$30	\$60	\$83	\$90	\$60
9Mbps	\$55	\$111	\$152	\$166	\$33	\$65	\$89	\$98	\$60
10Mbps	\$60	\$119	\$164	\$179	\$35	\$70	\$96	\$105	\$60

- 1 Nonrecurring charges are waived for PVCs purchased with customer's initial order for installation of ATM service, and only if customer's associated Port or Port and Access is provided under a three (3) or five (5)² year TPP.
 2 Effective March 10, 2010, 5 Year terms are not as in the side of the second second
- 2 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 64 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.3 Rates (Cont'd)

	Alterna	te Routing	g PVCs -	Monthly	Disast				
	×	Quality o	E Servic	•``	21 L 2 1	Quality o	f Servic	e ^{**} .~ ?*	
SPEED	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	NRC1
	* 2	VCC (Dnly	(**))#	1. ¹⁹⁹⁸	VCC	Only	stand and a second s	2. ·
11Mbps	\$64	\$128	\$175	\$191	\$38	\$75	\$103	\$113	\$60
12Mbps	\$68	\$136	\$187	\$204	\$40	\$80	\$110	\$120	\$60
13Mbps	\$72	\$145	\$199	\$217	\$43	\$85	\$117	\$128	\$60
14Mbps	\$77	\$153	\$210	\$230	\$45	\$90	\$124	\$135	\$60
15Mbps	\$81	\$162	\$222	\$242	\$48	\$95	\$131	\$143	\$60
16Mbps	\$85	\$170	\$234	\$255	\$50	\$100	\$138	\$150	\$60
17Mbps	\$89	\$179	\$245	\$268	\$53	\$105	\$144	\$158	\$60
18Mbps	\$94	\$187	\$257	\$281	\$55	\$110	\$151	\$165	\$60
19Mbps	\$98	\$196	\$269	\$293	\$58	\$115	\$158	\$173	\$60
20Mbps	\$102	\$204	\$281	\$306	\$60	\$120	\$165	\$180	\$60
25Mbps	\$106	\$213	\$292	\$319	\$63	\$125	\$172	\$188	\$60
30Mbps	\$128	\$255	\$351	\$383	\$75	\$150	\$206	\$225	\$60
35Mbps	\$149	\$298	\$409	\$446	\$88	\$175	\$241	\$263	\$60
40Mbps	\$170	\$340	\$468	\$510	\$100	\$200	\$275	\$300	\$60
45Mbps	\$174	\$349	\$479	\$523	\$103	\$205	\$282	\$308	\$60
50Mbps	\$176	\$352	\$484	\$528	\$103	\$207	\$284	\$310	\$60
55Mbps	\$193	\$387	\$532	\$580	\$114	\$228	\$313	\$341	\$60
60Mbps	\$211	\$422	\$580	\$633	\$124	\$248	\$341	\$372	\$60
65Mbps	\$229	\$457	\$629	\$686	\$134	\$269	\$370	\$403	\$60
70Mbps	\$246	\$492	\$677	\$739	\$145	\$290	\$398	\$434	\$60
75Mbps	\$264	\$528	\$725	\$791	\$155	\$310	\$427	\$466	\$60
80Mbps	\$281	\$563	\$774	\$844	\$166	\$331	\$455	\$497	\$60
85Mbps	\$299	\$598	\$822	\$897	\$176	\$352	\$484	\$528	\$60
90Mbps	\$317	\$633	\$871	\$950	\$186	\$372	\$512	\$559	\$60
95Mbps	\$334	\$668	\$919	\$1,002	\$197	\$393	\$541	\$590	\$60
100Mbps	\$352	\$703	\$967	\$1,055	\$207	\$414	\$569	\$621	\$60
105Mbps	\$369	\$739	\$1,016	\$1,108	\$217	\$434	\$597	\$652	\$60
110Mbps	\$387	\$774	\$1,064	\$1,161	\$228	\$455	\$626	\$683	\$60
115Mbps	\$404	\$809	\$1,112	\$1,213	\$238	\$476	\$654	\$714	\$60
120Mbps	\$422	\$844	\$1,161	\$1,266	\$248	\$497	\$683	\$745	\$60
125Mbps	\$440	\$879	\$1,209	\$1,319	\$259	\$517	\$711	\$776	\$60
130Mbps	\$457	\$914	\$1,257	\$1,372	\$269	\$538	\$740	\$807	\$60
135Mbps	\$475	\$950	\$1,306	\$1,424	\$279	\$559	\$768	\$838	\$60
140Mbps	\$492	\$985	\$1,354	\$1,477	\$290	\$579	\$797	\$869	\$60
145Mbps	\$510	\$1,020	\$1,403	\$1,530	\$300	\$600	\$825	\$900	\$60

 Nonrecurring charges are waived for PVCs purchased with customer's initial order for installation of ATM service, and only if customer's associated Port or Port and Access is provided under a three (3) or five (5)² year TPP.
 Effective March 19, 2010, 5 Year terms are not available to new customers.

65

ADVANCED SERVICES TARIFF Section: 1 Sheet: 65 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.3 Rates (Cont'd)

· · ·	Altern	ate Routing	g PVCs –	Monthly	Disaste	***			
	С., °,	Quality of	E Service	1 755	· · · · · · · · · · · · · · · · · · ·	wality of	Service		NRC ¹
	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	a la
	** *3	VPC (DNLY	5 øČt	i in in	VPC C	NLY	r Salariy	\$. \$ [*]
8Kbps	\$2	\$3	\$6	\$7	\$1	\$2	\$4	\$4	\$60
16Kbps	\$2	\$3	\$6	\$7	\$1	\$2	\$4	\$4	\$60
32Kbps	\$2	\$3	\$6	\$7	\$1	\$2	\$4	\$4	\$60
48Kbps	\$2	\$3	\$6	\$7	\$1	\$2	\$4	\$4	\$60
56Kbps	\$2	\$3	\$6	\$7	\$1	\$2	\$4	\$4	\$60
64Kbps	\$3	\$4	\$6	\$7	\$1	\$3	\$4	\$4	\$60
128Kbps	\$4	\$5	\$7	\$7	\$2	\$3	\$4	\$5	\$60
192Kbps	\$5	\$8	\$10	\$11	\$3	\$5	\$6	\$6	\$60
256Kbps	\$7	\$11	\$13	\$14	\$4	\$6	\$8	\$8	\$60
320Kbps	\$9	\$13	\$17	\$18	\$5	\$8	\$10	\$10	\$60
384Kbps	\$11	\$16	\$20	\$21	\$6	\$9	\$12	\$13	\$60
448Kbps	\$12	\$19	\$23	\$25	\$7	\$11	\$14	\$15	\$60
512Kbps	\$14	\$21	\$27	\$28	\$8	\$13	\$16	\$17	\$60
576Kbps	\$16	\$24	\$30	\$32	\$9	\$14	\$18	\$19	\$60
640Kbps	\$18	\$27	\$33	\$35	\$10	\$16	\$20	\$21	\$60
704Kbps	\$19	\$29	\$37	\$39	\$11	\$17	\$21	\$23	\$60
768Kbps	\$21	\$32	\$40	\$43	\$13	\$19	\$23	\$25	\$60
832Kbps	\$23	\$35	\$43	\$46	\$14	\$20	\$25	\$27	\$60
896Kbps	\$25	\$37	\$46	\$50	\$15	\$22	\$27	\$29	\$60
960Kbps	\$27	\$40	\$50	\$53	\$16	\$23	\$29	\$31	\$60
1000Kbp	\$27	\$53	\$73	\$80	\$16	\$31	\$43	\$47	\$60
1024Kbp	\$28	\$43	\$53	\$57	\$17	\$25	\$31	\$33	\$60
1536Kbp	\$43	\$64	\$80	\$85	\$25	\$38	\$47	\$50	\$60
2Mbps	\$32	\$64	\$88	\$96	\$19	\$38	\$52	\$56	\$60
3Mbps	\$37	\$74	\$102	\$112	\$22	\$44	\$60	\$66	\$60
4Mbps	\$43	\$85	\$117	\$128	\$25	\$50	\$69	\$75	\$60
5Mbps	\$48	\$96	\$131	\$143	\$28	\$56	\$77	\$84	\$60
6Mbps	\$53	\$106	\$146	\$159	\$31	\$63	\$86	\$94	\$60
7Mbps	\$58	\$117	\$161	\$175	\$34	\$69	\$95	\$103	\$60
8Mbps	\$64	\$128	\$175	\$191	\$38	\$75	\$103	\$113	\$60
9Mbps	\$69	\$138	\$190	\$207	\$41	\$81	\$112	\$122	\$60
10Mbps	\$74	\$149	\$205	\$223	\$44	\$88	\$120	\$131	\$60

1 Nonrecurring charges are waived for PVCs purchased with customer's initial order for installation of ATM service, and only if customer's associated Port or Port and Access is provided under a three (3) or five (5)² year TPP.

2 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 66 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.3 Rates (Cont'd)

1. Nov 1	Alterna	te Routin	g PVCs -	Monthly	Disaste	r Recovery	PVCs -	Monthly	- 4. j
SPEED	* "£ ³	Quality o	f Service	a. ¹³ ,	1	Quality of	Servic	e .	NRC1
	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	
× *		VPC	DNLY	<u>к.</u> С. 2, – С.		VPC C	NLY	1	
11Mbps	\$80	\$159	\$219	\$239	\$47	\$94	\$129	\$141	\$60
12Mbps	\$85	\$170	\$234	\$255	\$50	\$100	\$138	\$150	\$60
13Mbps	\$90	\$181	\$248	\$271	\$53	\$106	\$146	\$159	\$60
14Mbps	\$96	\$191	\$263	\$287	\$56	\$113	\$155	\$169	\$60
15Mbps	\$101	\$202	\$278	\$303	\$59	\$119	\$163	\$178	\$60
16Mbps	\$106	\$213	\$292	\$319	\$63	\$125	\$172	\$188	\$60
17Mbps	\$112	\$223	\$307	\$335	\$66	\$131	\$180	\$197	\$60
18Mbps	\$117	\$234	\$321	\$351	\$69	\$138	\$189	\$206	\$60
19Mbps	\$122	\$244	\$336	\$367	\$72	\$144	\$198	\$216	\$60
20Mbps	\$128	\$255	\$351	\$383	\$75	\$150	\$206	\$225	\$60
25Mbps	\$133	\$266	\$365	\$398	\$78	\$156	\$215	\$234	\$60
30Mbps	\$159	\$319	\$438	\$478	\$94	\$188	\$258	\$281	\$60
35Mbps	\$186	\$372	\$511	\$558	\$109	\$219	\$301	\$328	\$60
40Mbps	\$213	\$425	\$584	\$638	\$125	\$250	\$344	\$375	\$60
45Mbps	\$218	\$436	\$599	\$653	\$128	\$256	\$352	\$384	\$60
50Mbps	\$220	\$440	\$605	\$659	\$129	\$259	\$356	\$388	\$60
55Mbps	\$242	\$484	\$665	\$725	\$142	\$284	\$391	\$427	\$60
60Mbps	\$264	\$528	\$725	\$791	\$155	\$310	\$427	\$466	\$60
65Mbps	\$286	\$572	\$786	\$857	\$168	\$336	\$462	\$504	\$60
70Mbps	\$308	\$616	\$846	\$923	\$181	\$362	\$498	\$543	\$60
75Mbps	\$330	\$659	\$907	\$989	\$194	\$388	\$533	\$582	\$60
80Mbps	\$352	\$703	\$967	\$1,055	\$207	\$414	\$569	\$621	\$60
85Mbps	\$374	\$747	\$1,028	\$1,121	\$220	\$440	\$605	\$659	\$60
90Mbps	\$396	\$791	\$1,088	\$1,187	\$233	\$466	\$640	\$698	\$60
95Mbps	\$418	\$835	\$1,149	\$1,253	\$246	\$491	\$676	\$737	\$60
100Mbps	\$440	\$879	\$1,209	\$1,319	\$259	\$517	\$711	\$776	\$60
105Mbps	\$462	\$923	\$1,270	\$1,385	\$272	\$543	\$747	\$815	\$60
110Mbps	\$484	\$967	\$1,330	\$1,451	\$284	\$569	\$782	\$853	\$60
115Mbps	\$506	\$1,011	\$1,390	\$1,517	\$297	\$595	\$818	\$892	\$60
120Mbps	\$528	\$1,055	\$1,451	\$1,583	\$310	\$621	\$853	\$931	\$60
125Mbps	\$550	\$1,099	\$1,511	\$1,649	\$323	\$647	\$889	\$970	\$60
130Mbps	\$572	\$1,143	\$1,572	\$1,715	\$336	\$672	\$925	\$1,009	\$60
135Mbps	\$594	\$1,187	\$1,632	\$1,781	\$349	\$698	\$960	\$1,047	\$60
140Mbps	\$616	\$1,231	\$1,693	\$1,847	\$362	\$724	\$996	\$1,086	\$60
145Mbps	\$638	\$1,275	\$1,753	\$1,913	\$375	\$750	\$1,03	\$1,125	\$60

1 Nonrecurring charges are waived for PVCs purchased with customer's initial order for installation of ATM service, and only if customer's associated Port or Port and Access is provided under a three (3) or five (5)² year TPP.

2 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 67 Revision: Original Replacing:

ADVANCED SERVICES

- 4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)
 - 4.3 Rates (Cont'd)

	Mul	ticasting 1	VCs - Monthly		
2 ⁹ 7	VBR-nrt (SIR)	3° " 2	1 1 1 1	VBR-nrt (SIR)	<u>h</u>
Speed	VCC Only	NRC*	Speed	VCC Only	NRC1
8Kbps	\$2	\$60	13Mbps	\$85	\$60
16Kbps	\$2	\$60	14Mbps	\$90	\$60
32Kbps	\$2	\$60	15Mbps	\$95	\$60
48Kbps	\$2	\$60	16Mbps	\$100	\$60
56Kbps	\$2	\$60	17Mbps	\$105	\$60
64Kbps	\$2	\$60	18Mbps	\$110	\$60
128Kbps	\$3	\$60	19Mbps	\$115	\$60
192Kbps	\$4	\$60	20Mbps	\$120	\$60
256Kbps	\$5	\$60	25Mbps	\$125	\$60
320Kbps	\$6	\$60	30Mbps	\$150	\$60
384Kbps	\$8	\$60	35Mbps	\$175	\$60
448Kbps	\$9	\$60	40Mbps	\$200	\$60
512Kbps	\$10	\$60	45Mbps	\$205	\$60
576Kbps	\$11	\$60	50Mbps	\$207	\$60
640Kbps	\$13	\$60	55Mbps	\$228	\$60
704Kbps	\$14	\$60	60Mbps	\$248	\$60
768Kbps	\$15	\$60	65Mbps	\$269	\$60
832Kbps	\$16	\$60	70Mbps	\$290	\$60
896Kbps	\$18	\$60	75Mbps	\$310	\$60
960Kbps	\$19	\$60	80Mbps	\$331	\$60
1000Kbps	\$25	\$60	85Mbps	\$352	\$60
1024Kbps	\$20	\$60	90Mbps	\$372	\$60
1536Kbps	\$30	\$60	95Mbps	\$393	\$60
2Mbps	\$30	\$60	100Mbps	\$414	\$60
3Mbps	\$35	\$60	105Mbps	\$434	\$60
4Mbps	\$40	\$60	110Mbps	\$455	\$60
5Mbps	\$45	\$60	115Mbps	\$476	\$60
6Mbps	\$50	\$60	120Mbps	\$497	\$60
7Mbps	\$55	\$60	125Mbps	\$517	\$60
8Mbps	\$60	\$60	130Mbps	\$538	\$60
9Mbps	\$65	\$60	135Mbps	\$559	\$60
10Mbps	\$70	\$60	140Mbps	\$579	\$60
11Mbps	\$75	\$60	145Mbps	\$600	\$60
12Mbps	\$80	\$60	St and a state of the state of	go x	* *

 Nonrecurring charges are waived for PVCs purchased with customer's initial order for installation of ATM service, and only if customer's associated Port or Port and Access is provided under a three (3) or five (5)² year TPP.
 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 68 Revision: Original Replacing:

ADVANCED SERVICES

4. PremierSERVSM ASYNCHRONOUS TRANSFER MODE (ATM) SERVICE (Cont'd)

4.3 Rates (Cont'd)

	Standard PVC - Monthly	e . 12
SPERD		NPCI
« «`.	CBR (PIR)	MAC
	VCC Only	
1.755Mbps	\$91	\$60

1 Nonrecurring charges are waived for PVCs purchased with customer's initial order for installation of ATM service, and only if customer's associated Port or Port and Access is provided under a three (3) or five (5)² year TPP.

2 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 69 Revision: Original Replacing:

ADVANCED SERVICES

5. PremierSERVSM FRAME RELAY SERVICE

5.1 Service Description

Effective September 30, 2011, PremierSERVsm Frame Relay service defined in this section of this Tariff will no longer be available to new customers. Existing term plan customers of PremierSERV Frame Relay Service may add, move, remove or change lines and/or locations in accordance with the terms and conditions of their current term plan agreement for the duration of their current term plan agreement, but may not enter into any new term plan agreements. The Company will support one extension of an existing non-expired term plan agreement past its current term for twelve (12) months, provided the extension is signed on or before June 30, 2013. Upon expiration of the extension and for existing customers who do not extend an existing non-expired term plan agreement, service will continue on a month-to-month basis until the service is discontinued on at least 30 days prior notice by the customer or on at least 30 days notice (or such longer period as may be required by the Commission) by the Company.

PremierSERVSM Frame Relay Service (FRS) is a public, metropolitan wide-area data service that provides high throughput and low delay. It utilizes advanced packet switching technology and highly reliable digital transmission facilities to provide the performance of leased lines and the flexibility and connectivity features of Local Area Networks (LANs) in an efficient, economical data delivery service.

5.2 Service Components

A nonrecurring charge and a monthly rate apply, based upon the speed of the connections and term plan selected.

5.2.1 User Network Interface (UNI) Port and Access

UNI Port and Access connects the Customer to the Company's FRS network, based upon the standards defined UNI signaling protocol. UNI Port and Access is available at various speeds between 56 Kbps and DS3. Each UNI Port and Access will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

5.2.2 User Network Interface (UNI) Port Only

UNI Port Only provides the Customer a port connection into the Company's FRS network based upon the standards defined UNI signaling protocol. UNI Port Only is available at several speeds between 56 Kbps and DS3. When UNI Port Only is selected, it is the Customer's responsibility to obtain access to Company's FRS network. Each UNI Port Only will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 70 Revision: Original Replacing:

ADVANCED SERVICES

- 5. PremierSERVSM FRAME RELAY SERVICE (Cont'd)
 - 5.2 Service Components (Cont'd)
 - 5.2.3 Multilink UNI Port and Access

Multilink UNI Port and Access provides inverse multiplexing of a frame stream over two (2) to eight (8) physical DS1s and retrieval of the original stream at the far end of those connections. Multilink UNI Port and Access is based upon the standards defined FRF. 16 UNI signaling protocol.

5.2.4 Multilink UNI Port Only

Multilink UNI Port Only provides the Customer a Multilink port connection into the Company's FRS network based upon the standards defined UNI signaling protocol. When Multilink UNI Port Only is selected, it is the Customer's responsibility to obtain access to Company's FRS network. Multilink UNI Port Only is provided over two (2) to eight (8) physical DS1s.

5.2.5 Network to Network Interface (NNI) Port and Access

NNI Port and Access connects the Customer to the Company's FRS network, based upon the standards defined NNI signaling protocol. NNI Port and Access is available at DS1 and DS3 speeds. Each NNI Port and Access will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

5.2.6 Network to Network Interface (NNI) Port Only

NNI Port Only provides the Customer a port connection into the Company's FRS network based upon the standards defined NNI signaling protocol. NNI Port Only is available at DS1 and DS3 speeds. When NNI Port Only is selected, it is the Customer's responsibility to obtain access to Company's FRS network. Each NNI Port Only will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 71 Revision: Original Replacing:

ADVANCED SERVICES

- 5. PremierSERVSM FRAME RELAY SERVICE (Cont'd)
 - 5.2 Service Components (Cont'd)
 - 5.2.7 Permanent Virtual Circuits (PVCs)

PVCs are logical connections between two (2) ports that allow data to be sent from one Customer location to another. PVCs do not engage capacity when idle, allowing the available capacity to be allocated to other active PVCs that are in need of additional bandwidth. PVCs are duplex (two-way).

Each PVC type is assigned a Committed Information Rate (CIR). CIR is the rate in Kbps or Mbps at which the Company commits to transfer user data under normal conditions.

A PVC may exceed its assigned CIR when transmitting a large file or volume of information. This condition is known as bursting. Excess capacity must be available on the port connection for bursting to occur. Bursting cannot exceed the port speed.

When placing an order for Service, customer must specify the following for each PVC:

- PVC Connection Type;
- PVC Type; and
- Quality of Service.

PVCs purchased from this Section of Frame Relay Service must have at least one associated Port purchased from this Section as well.

5.2.7.A PVC Connection Types

(1) Frame Relay to Frame Relay

Frame Relay to Frame Relay connects two Frame Relay customer locations.

(2) Frame Relay to ATM Service (FRATM)

FRATM connects two customer locations, one having a Frame Relay port and the other an ATM port, to provide transparent interworking between Frame Relay and ATM networks.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 72 Revision: Original Replacing:

ADVANCED SERVICES

- 5. PremierSERVSM FRAME RELAY SERVICE (Cont'd)
 - 5.2 Service Components (Cont'd)
 - 5.2.7 Permanent Virtual Circuits (PVCs) (Cont'd)
 - 5.2.7.B PVC Types
 - (1) Standard PVC

Standard PVCs are utilized in typical Frame Relay networks to provide logical connections between two ports.

(2) Disaster Recovery PVC

Disaster Recovery PVCs allow for the implementation of logical connections between branch locations and a secondary processor/server center (disaster recovery location) should a non-recoverable disaster occur at the primary host location. The disaster recovery location must also be served by an active, Company provided Frame Relay Port.

The Disaster Recovery PVC is provisioned based upon an initial order from the Customer and pre-configured in the Frame Relay switch, but set to a disabled mode. Customer must initiate PVC activation with Company and necessary third party vendors.

(3) Alternate Routing PVCs

Alternate Routing PVCs provide a logical connection to an alternate host site processor/server in the event of an outage at the primary location. Alternate Routing PVCs are to be utilized in the event of an outage at the primary location only, not day-to-day use.

The Alternate Routing PVC is provisioned based upon an initial order from the Customer and available at all times. The remote Customer location is provisioned with two active PVCs, one end to the primary Customer location and one end to the backup Customer location.

- 5.2.7.C PVC Quality of Service (QoS)
 - (1) Standard

Standard QoS is available for Frame Relay applications that contain bursty traffic.

(2) Priority

Priority QoS offers reduced delay and packet loss between end-points.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 73 Revision: Original Replacing:

ADVANCED SERVICES

5. PremierSERVSM FRAME RELAY SERVICE (Cont'd)

5.3 Rates

UNI Port	Only	Out of	Term	1 %	ear	2 1	ear	3 Уе	ar	5 Year ¹	
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
DS0	56Kbps	\$136	NA	\$113	\$350	\$96	\$350	\$93	\$0	\$86	\$0
DS0	64Kbps	\$136	NA	\$113	\$350	\$96	\$350	\$93	\$0	\$86	\$0
Fractional DS1	128Kbps	\$291	NA	\$267	\$400	\$223	\$400	\$213	\$0	\$208	\$0
Fractional DS1	256Kbps	\$891	NA	\$818	\$400	\$681	\$400	\$648	\$0	\$441	\$0
Fractional DS1	384Kbps	\$954	NA	\$876	\$400	\$725	\$400	\$698	\$0	\$473	\$0
Fractional DS1	512Kbps	\$1,001	NA	\$921	\$400	\$766	\$400	\$734	\$0	\$497	\$0
Fractional DS1	768Kbps	\$1,061	NA	\$975	\$400	\$809	\$400	\$776	\$0	\$525	\$0
DS1	1.5Mbps	\$1,554	N/A	\$1,426	\$450	\$1,188	\$450	\$1,136	\$0	\$770	\$0
DS3	40Mbps	\$9,172	N/A	\$8,664	\$1,000	\$7,703	\$1,000	\$6,653	\$0	\$3,890	\$0

5 V 8 36., 39	: UNI Port ly	Out o	f Term	1 ¥e	ar	2 Ye	ar	3 Ye	ar	5 Year ¹	
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
2 DS1s Por	t 3.0Mbps	\$2,063	NA	\$1,983	\$1,200	\$1,900	\$1,200	\$1,815	\$0	\$1,232	\$0
3 DS1s Por	t 4.5Mbps	\$2,571	NA	\$2,466	\$1,200	\$2,366	\$1,200	\$2,261	\$0	\$1,535	\$0
4 DS1s Por	t 6.0Mbps	\$3,006	NA	\$2,886	\$1,200	\$2,764	\$1,200	\$2,645	\$0	\$1,794	\$0
5 DS1s Por	t 7.6Mbps	\$3,395	NA	\$3,258	\$1,200	\$3,123	\$1,200	\$2,987	\$0	\$2,026	\$0
6 DS1s Por	t 9.1Mbps	\$3,747	NA	\$3,598	\$1,200	\$3,446	\$1,200	\$3,298	\$0	\$2,236	\$0
7 DS1s Por	t 10.6Mbps	\$4,074	NA	\$3,912	\$1,200	\$3,747	\$1,200	\$3,585	\$0	\$2,433	\$0
8 DS1s Por	t 12.1Mbps	\$4,380	NA	\$4,204	\$1,200	\$4,031	\$1,200	\$3,855	\$0	\$2,615	\$0

NNI Port		Out of	NOT WITH Some of	1 4	ear 👘	2 ¥e	ar	3 Уе	ar	5 Ye	ar ¹
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
DS1	1.5Mbps	\$1,554	NA	\$1,426	\$450	\$1,188	\$450	\$1,136	\$0	\$770	\$0
D\$3	40Mbps	\$9,172	NA	\$8,664	\$1,000	\$7,703	\$1,000	\$6,653	\$0	\$3,890	\$0

 $^{\rm 1}$ Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 74 Revision: Original Replacing:

ADVANCED SERVICES

- 5. PremierSERVSM FRAME RELAY SERVICE (Cont'd)
 - 5.3 Rates

UNI Port and	l Access	Out of Term		1 ¥	ear	2 Ye	ar	3 Ye	ar	5 Ye	ar ¹
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
DS0 Port	56Kbps	\$136	NA	\$113	\$350	\$96	\$350	\$93	\$0	\$86	\$0
Access	56Kbps	\$115	NA	\$96	\$350	\$93	\$350	\$91	\$0	\$83	\$0
Total DS0 Port and Access	56Kbps	\$251	NA	\$209	\$700	\$189	\$700	\$184	\$0	\$169	\$0
DS0 Port	64Kbps	\$136	NA	\$113	\$350	\$96	\$350	\$93	\$0	\$86	\$0
Access	64Kbps	\$115	NA	\$96	\$350	\$93	\$350	\$91	\$0	\$83	\$0
Total DS0 Port and Access	64Kbps	\$251	NA	\$209	\$700	\$189	\$700	\$184	\$0	\$169	\$0
Fractional DS1 Port	128Kbps	\$291	NA	\$267	\$400	\$223	\$400	\$216	\$0	\$208	\$0
Access	128Kbps	\$248	NA	\$227	\$400	\$218	\$400	\$208	\$0	\$204	\$0
Total Fractional DS1 Port and Access	128Kbps	\$539	NA	\$494	\$800	\$441	\$800	\$421	\$0	\$412	\$0
Fractional DS1 Port	256Kbps	\$891	NA	\$818	\$400	\$681	\$400	\$648	\$0	\$441	\$0
Access	256Kbps	\$248	NA	\$227	\$400	\$218	\$400	\$208	\$0	\$204	\$0
Total Fractional DS1 Port and Access	256Kbps	\$1,139	NA	\$1,045	\$800	\$899	\$800	\$856	\$0	\$645	\$0
Fractional DS1 Port	384Kbps	\$954	NA	\$876	\$400	\$725	\$400	\$698	\$0	\$473	\$0
Access	384Kbps	\$248	NA	\$227	\$400	\$218	\$400	\$208	\$0	\$204	\$0
Total Fractional DS1 Port and Access	384Kbps	\$1,202	NA	\$1,103	\$800	\$943	\$800	\$906	\$0	\$677	\$0

 $^{1}\,$ Effective March 19, 2010, 5 Year terms are not available to new customers.

.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 75 Revision: Original Replacing:

ADVANCED SERVICES

5. PremierSERVSM FRAME RELAY SERVICE (Cont'd)

5.3 Rates (Cont'd)

UNI Port and	l Access	Out of Term		1 ¥	ear	2 ¥6	ar	3 Ye	ar	5 Ye	ar ¹
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
Fractional DS1 Port	512Kbps	\$1,001	NA	\$921	\$400	\$766	\$400	\$734	\$0	\$497	\$0
Access	512Kbps	\$248	NA	\$227	\$400	\$218	\$400	\$208	\$0	\$204	\$0
Total Fractional DS1 Port and Access	512Kbps	\$1,249	NA	\$1,148	\$800	\$984	\$800	\$942	\$0	\$701	\$0
Fractional DS1 Port	768Kbps	\$1,061	NA	\$975	\$400	\$809	\$400	\$776	\$0	\$525	\$0
Access	768Kbps	\$248	NA	\$227	\$400	\$218	\$400	\$208	\$0	\$204	\$0
Total Fractional DS1 Port and Access	768Kbps	\$1,309	NA	\$1,202	\$800	\$1,027	\$800	\$984	\$0	\$729	\$0
DS1 Port	1.5Mbps	\$1,554	NA	\$1,426	\$450	\$1,188	\$450	\$1,136	\$0	\$770	\$0
Access	1.5Mbps	\$248	NA	\$227	\$400	\$218	\$400	\$208	\$0	\$204	\$0
Total DS1 Port and Access	1.5Mbps	\$1,802	NA	\$1,653	\$850	\$1,406	\$850	\$1,344	\$0	\$974	\$0
DS3 Port	40Mbps	\$9,172	NA	\$8,664	\$1,000	\$7,703	\$1,000	\$6,653	\$0	\$3,890	\$0
Access	40Mbps	\$2,736	NA	\$2,585	\$1,250	\$2,437	\$1,250	\$1,985	\$0	\$1,671	\$0
Total DS3 Port and Access	40Mbps	\$11,908	NA	\$11,249	\$2,250	\$10,140	\$2,250	\$8,638	\$0	\$5,561	\$0

 $^{\rm 1}$ Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 76 Revision: Original Replacing:

ADVANCED SERVICES

5. PremierSERVSM FRAME RELAY SERVICE (Cont'd)

5.3 Rates (Cont'd)

Multilink UN and Acc		Out of	Term	1 Y	ear	2 4	Par	3 126	ar	5 Yea	ar ¹
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
2 DS1s Port	3.0Mbps	\$2,063	NA	\$1,983	\$1,200	\$1,900	\$1,200	\$1,815	\$0	\$1,232	\$0
Access	3.0Mbps	\$496	NA	\$454	\$800	\$435	\$800	\$416	\$0	\$407	\$0
Total 2 DS1s Port and Access	3.0Mbps	\$2,559	NA	\$2,437	\$2,000	\$2,335	\$2,000	\$2,231	\$0	\$1,639	\$0
3 DS1s Port	4.5Mbps	\$2,571	NA	\$2,466	\$1,200	\$2,366	\$1,200	\$2,261	\$0	\$1,535	\$0
Access	4.5Mbps	\$744	NA	\$682	\$1,200	\$653	\$1,200	\$625	\$0	\$611	\$0
Total 3 DS1s Port and Access	4.5Mbps	\$3,315	NA	\$3,148	\$2,400	\$3,019	\$2,400	\$2,886	\$0	\$2,146	\$0
4 DS1s Port	6.0Mbps	\$3,006	NA	\$2,886	\$1,200	\$2,764	\$1,200	\$2,645	\$0	\$1,794	\$0
Access	6.0Mbps	\$992	NA	\$909	\$1,600	\$871	\$1,600	\$833	\$0	\$814	\$0
Total 4 DS1s Port and Access	6.0Mbps	\$3,998	NA	\$3,795	\$2,800	\$3,635	\$2,800	\$3,478	\$0	\$2,608	\$0
5 DS1s Port	7.6Mbps	\$3,395	NA	\$3,258	\$1,200	\$3,123	\$1,200	\$2,987	\$0	\$2,026	\$0
Access	7.6Mbps	\$1,240	NA	\$1,136	\$2,000	\$1,089	\$2,000	\$1,041	\$0	\$1,018	\$0
Total 5 DS1s Port and Access	7.6Mbps	\$4,635	NA	\$4,394	\$3,200	\$4,212	\$3,200	\$4,028	\$0	\$3,044	\$0
6 DS1s Port	9.1Mbps	\$3,747	NA	\$3,598	\$1,200	\$3,446	\$1,200	\$3,298	\$0	\$2,236	\$0
Access	9.1Mbps	\$1,487	NA	\$1,363	\$2,400	\$1,306	\$2,400	\$1,249	\$0	\$1,221	\$0
Total 6 DS1s Port and Access	9.1Mbps	\$5,234	NA	\$4,961	\$3,600	\$4,752	\$3,600	\$4,547	\$0	\$3,457	\$0
7 DS1s Port	10.6Mbps	\$4,074	NA	\$3,912	\$1,200	\$3,747	\$1,200	\$3,585	\$0	\$2,433	\$0
Access	10.6Mbps	\$1,735	NA	\$1,590	\$2,800	\$1,524	\$2,800	\$1,458	\$0	\$1,425	\$0
Total 7 DS1s Port and Access	10.6Mbps	\$5,809	NA	\$5,502	\$4,000	\$5,271	\$4,000	\$5,043	\$0	\$3,858	\$0
8 DS1s Port	12.1Mbps	\$4,380	NA	\$4,204	\$1,200	\$4,031	\$1,200	\$3,855	\$0	\$2,615	\$0
Access	12.1Mbps	\$1,983	NA	\$1,817	\$3,200	\$1,742	\$3,200	\$1,666	\$0	\$1,628	\$0
Total 8 DS1s Port and Access	12.1Mbps	\$6,363	NA	\$6,021	\$4,400	\$5,773	\$4,400	\$5,521	\$0	\$4,243	\$0

 1 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 77 Revision: Original Replacing:

ADVANCED SERVICES

- 5. PremierSERVSM FRAME RELAY SERVICE (Cont'd)
 - 5.3 Rates (Cont'd)

NNI Port and	Access	Out of	Term	1 Y	BAR	2 Ye	ar	3 Yea	r	5 Yea	1 r 1
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
DS1 Port	1.5Mbps	\$1,554	NA	\$1,426	\$450	\$1,188	\$450	\$1,136	\$0	\$770	\$0
Access	1.5Mbps	\$248	NA	\$227	\$400	\$218	\$400	\$208	\$0	\$204	\$0
Total DS1 Port and Access	1.5Mbps	\$1,802	NA	\$1,653	\$850	\$1,406	\$850	\$1,344	\$0	\$974	\$0
DS3 Port	40Mbps	\$9,172	NA	\$8,664	\$1,000	\$7,703	\$1,000	\$6,653	\$0	\$3,890	\$0
Access	40Mbps	\$2,736	NA	\$2,585	\$1,250	\$2,437	\$1,250	\$1,985	\$0	\$1,671	\$0
Total DS3 Port and Access	40Mbps	\$11,908	NA	\$11,249	\$2,250	\$10,140	\$2,250	\$8,638	\$0	\$5,561	\$0

 $^{1}\,$ Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 78 Revision: Original Replacing:

- ATH - + + - FF-

ADVANCED SERVICES

5. PremierSERVSM FRAME RELAY SERVICE (Cont'd)

5.3 Rates (Cont'd)

			Mon	thly	N. A. W. M.	S. Martin	a de sec			
CIR Speed	Standa	rd PVC				ecovery PVC	NRC ¹			
1 M. C. M. C. M. C.	Quality of Service (QoS)									
	Standard	Priority	Standard	Priority	Standard	Priority				
8Kbps	\$3	\$5	\$2	\$4	\$1	\$3	\$30			
16Kbps	\$4	\$6	\$3	\$5	\$2	\$4	\$30			
32Kbps	\$5	\$7	\$4	\$6	\$3	\$4	\$30			
48Kbps	\$6	\$8	\$5	\$7	\$3	\$4	\$30			
56Kbps	\$7	\$9	\$6	\$9	\$4	\$5	\$30			
64Kbps	\$8	\$10	\$7	\$10	\$4	\$6	\$30			
128Kbps	\$9	\$14	\$8	\$11	\$5	\$7	\$30			
192Kbps	\$10	\$15	\$9	\$13	\$5	\$8	\$30			
256Kbps	\$11	\$17	\$9	\$14	\$6	\$8	\$30			
320Kbps	\$12	\$18	\$10	\$15	\$6	\$9	\$30			
384Kbps	\$14	\$21	\$12	\$18	\$7	\$11	\$30			
448Kbps	\$16	\$24	\$14	\$20	\$8	\$12	\$30			
512Kbps	\$18	\$27	\$15	\$23	\$9	\$14	\$30			
576Kbps	\$22	\$33	\$19	\$28	\$11	\$17	\$30			
640Kbps	\$24	\$36	\$20	\$31	\$12	\$18	\$30			
704Kbps	\$27	\$40	\$23	\$34	\$13	\$20	\$30			
768Kbps	\$28	\$42	\$24	\$36	\$14	\$21	\$30			
832Kbps	\$29	\$44	\$25	\$37	\$15	\$22	\$30			
896Kbps	\$31	\$46	\$26	\$39	\$15	\$23	\$30			
960Kbps	\$32	\$48	\$27	\$40	\$16	\$24	\$30			
1000Kbps	\$32	\$49	\$28	\$41	\$16	\$24	\$30			
1024Kbps	\$33	\$49	\$28	\$42	\$16	\$25	\$30			
1536Kbps	\$42	\$62	\$35	\$53	\$21	\$31	\$30			

1 Nonrecurring charges are waived for PVCs purchased with Customer's initial order for installation of Service, and only if Customer's associated Port or Port and Access is provided under a three (3) or five (5)² year TPP.

2 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 79 Revision: Original Replacing:

ADVANCED SERVICES

5. PremierSERVSM FRAME RELAY SERVICE (Cont'd)

5.3 Rates (Cont'd)

	Monthly								
CIR Speed	Standa	rd PVC	Alternate	Routing PVC	Disaster R	ecovery PVC			
CIN SPEED		35. Yakiri (Quality of S	ervice (QoS))	1997 - D. B	NRC ¹		
	Standard	PRIORITY	Standard	Priority	Standard	Priority			
2Mbps	\$48	\$73	\$41	\$62	\$24	\$36	\$30		
3Mbps	\$61	\$92	\$52	\$78	\$31	\$46	\$30		
4Mbps	\$72	\$108	\$61	\$92	\$36	\$54	\$30		
5Mbps	\$82	\$123	\$70	\$105	\$41	\$62	\$30		
6Mbps	\$91	\$137	\$77	\$116	\$46	\$68	\$30		
7Mbps	\$100	\$149	\$85	\$127	\$50	\$75	\$30		
8Mbps	\$107	\$161	\$91	\$137	\$54	\$81	\$30		
9Mbps	\$115	\$173	\$98	\$147	\$58	\$86	\$30		
10Mbps	\$122	\$183	\$104	\$156	\$61	\$92	\$30		
11Mbps	\$129	\$194	\$110	\$165	\$65	\$97	\$30		
12Mbps	\$136	\$204	\$115	\$173	\$68	\$102	\$30		
13Mbps	\$142	\$213	\$121	\$181	\$71	\$107	\$30		
14Mbps	\$148	\$222	\$126	\$189	\$74	\$111	\$30		
15Mbps	\$154	\$231	\$131	\$197	\$77	\$116	\$30		
16Mbps	\$160	\$240	\$136	\$204	\$80	\$120	\$30		
17Mbps	\$166	\$249	\$141	\$211	\$83	\$124	\$30		
18Mbps	\$171	\$257	\$146	\$218	\$86	\$129	\$30		
19Mbps	\$177	\$265	\$150	\$225	\$88	\$133	\$30		
20Mbps	\$182	\$273	\$155	\$232	\$91	\$137	\$30		
25Mbps	\$207	\$310	\$176	\$264	\$103	\$155	\$30		
30Mbps	\$230	\$345	\$207	\$310	\$115	\$172	\$30		
35Mbps	\$251	\$377	\$226	\$339	\$126	\$188	\$30		

1 Nonrecurring charges are waived for PVCs purchased with Customer's initial order for installation of Service, and only if Customer's associated Port or Port and Access is provided under a three (3) or five (5)² year TPP.

2 Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 80 Revision: Original Replacing:

ADVANCED SERVICES

6. PROMOTIONS

The Company may provide special promotional offerings to its Customers. These offerings may be limited to certain dates, times and locations.

FRAME RELAY SERVICE NONRECURRING CHARGE WAIVER

Company will waive the following Nonrecurring Charges for new Frame Relay Service ordered under a two (2) year TPP for the period from October 1, 2002 through December 29, 2002:

All Port Only and Port and Access Nonrecurring Charges
 PVC Nonrecurring Charges

If Customer terminates Service prior to expiration of the committed service period, Termination Charges will apply as specified in Section 3 of this tariff and Customer will be assessed and liable for any nonrecurring charges waived as a result of this promotion.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 81 Revision: Original Replacing:

ADVANCED SERVICES

- 7. SPECIAL CONSTRUCTION
 - 7.1 Regulations
 - 7.1.1 When special construction of facilities is required, the provisions of this section apply in addition to all regulations, rates, and charges set forth in the appropriate service section.
 - 7.1.2 Special construction is required if 1) facilities or equipment is not available to meet an order for Service and Company or its vendors must construct facilities; 2) Customer requests Service to be furnished using a type of facility or equipment, or via a route, other than that which Company would normally utilize in providing the requested Service; or 3) Customer requests construction be expedited resulting in added cost to Company.
 - 7.1.3 Special construction charges will be developed based on estimated costs.
 - 7.1.4 Written Customer approval of all special construction charges must be provided to Company prior to start of construction.
 - 7.1.5 For Services provided on a month to month basis, Customer must pay all special construction charges upfront before Company will begin special construction.
 - 7.1.6 For Services provided pursuant to a volume or term commitment, Company may spread special construction charges across the term of the commitment, which will be in addition to any charges associated with the Service. If Customer cancels Service after construction has begun, but before commencement of Service, Customer will be liable for all charges incurred by Company. If Customer cancels Service after commencement of Service, Customer will be liable for all unpaid special construction charges in addition to any termination liability associated with termination of Service as set forth in the appropriate service section.
 - 7.1.7 If Customer fails to pay special construction charges due, refusal and discontinuance of the Services using the specially constructed facilities shall be in accordance with the appropriate regulations under which the Service is being provided.
 - 7.1.8 Rates, charges and liabilities for special construction to provide facilities for use are following.

7.2 Charges

ADVANCED SERVICES TARIFF Section: 1 Sheet: 82 Revision: Original Replacing:

ADVANCED SERVICES

- 8. DISCOUNT PRICING PLANS
 - 8.1 TPP Volume Discount Plan (TVP)

TPP Volume Discount Plan (TVP) is a discount pricing plan available to all Frame Relay and ATM Service arrangements. TVP applies as follows:

- Customer is required to submit a Confirmation of Service Order to Company specifying it wishes to participate in TVP and identify desired Volume Commitment Level;
- New Frame Relay or ATM Services ordered under a two (2), three (3) or five (5)¹ year TPP will qualify for the TVP discounts;
- Existing Frame Relay or ATM Services that are converted to new two (2), three (3) or five (5)¹ year TPPs greater than or equal in length to the remaining portion of their current period qualify for TVP;
- 4. TVP discounts apply to monthly recurring charges for Frame Relay or ATM Ports, PVCs or Port and Access combinations. TVP discounts will be in addition to any discounts received under Term Pricing Plans. PVCs will receive TVP discounts but will not contribute to the Volume Commitment Levels described below;
- 8.1.1 Volume Discount Levels

Each Frame Relay or ATM Port Only or Port and Access combination that meets the conditions set forth in 8.1 above will count toward the Volume Commitment Levels. Each Frame Relay or ATM Port Only or Port and Access combination is equivalent to one Service arrangement.

Services converted to the Out of Term rates and Services purchased under a one (1) year TPP will not contribute to the Volume Commitment Level.

Customers may increase their volume discount level at any time during the TPP period. To receive the increased discount, customer must sign a new two (2), three (3) or five (5)¹ year TPP for all Services to be included in discount and submit a new Confirmation of Service Order indicating their desire to increase their Volume Commitment Level.

Section 8.1 preceding applies to all Frame Relay and ATM Service arrangements used to increase the Volume Commitment Level.

 $^{^{1}}$ Effective March 19, 2010, 5 Year terms are not available to new customers.

ADVANCED SERVICES TARIFF Section: 1 Sheet: 83 Revision: Original Replacing:

ADVANCED SERVICES

8. DISCOUNT PRICING PLANS (Cont'd)

8.1 TPP Volume Discount Plan (TVP) (Cont'd)

8.1.2 TVP Discounts

Number of Frame and ATM	
Service Arrangements ¹	24, 36 or 60 Month TP
10-49	5%
50-99	78
100-199	9%
200-299	118
300+	13%
Number of ATM	
Service Arrangements ²	24, 36 or 60 Month TP
5-14	5%
15-24	7%
25-49	9%
50+	12%

8.1.3 Annual Review

Company will verify that customer is maintaining its Volume Commitment Level annually on anniversary date of TVP agreement. Customer must maintain service quantities equal to or greater than their minimum volume commitment to remain eligible for the discount. If customer drops below their committed volume level, Company will downgrade customer to the appropriate volume discount level for which they qualify. If customer's volume level drops below the minimum Volume Commitment Level TVP will no longer apply.

¹ This category applies to Frame only or any combination of Frame and ATM Service arrangements.

² This category applies to ATM Service arrangements only.

ADVANCED SERVICES TARIFF Section: 2 Sheet: 1 Revision: Original Replacing:

AT&T TEXAS¹

ADVANCED SERVICES (Vintage I)

This Tariff ("Tariff") applies to Advanced telecommunications Data services furnished by AT&T Texas ("Company").

Effective August 20, 2004, services contained within this Section of the tariff are grandfathered and no longer available for new subscribers.

Services provided in this Section of the tariff were formerly provided by AT&T Corp. d/b/a AT&T Advanced Solutions under the Texas General Tariff No. 1. These services are obsolete and are only provided to customers who subscribed to them prior to August 24, 2004.
ADVANCED SERVICES TARIFF Section: 2 Sheet: 2 Revision: Original Replacing:

ADVANCED SERVICES (Vintage I)

CHECK PAGE

The pages of this Tariff are effective as of the date shown at the top of the respective page. Original and revised pages as named below comprise all changes from the original Tariff.

D3 00	DENTSTON				
PAGE 1	REVISION	PAGE	REVISION	PAGE	REVISION
2	Original	36	Original	71	Original
∠ 3	Original	37	Original	72	Original
	Original	38	Original	73	Original
4	Original	39	Original	74	Original
5	Original	40	Original	75	Original
6	Original	41	Original	76	Original
7	Original	42	Original	77	Original
8	Original	43	Original	78	Original
9	Original	44	Original	79	Original
10	Original	45	Original	80	Original
11	Original	46	Original	81	Original
12	Original	47	Original	82	Original
13	Original	48	Original	83	Original
14	Original	49	Original	84	Original
15	Original	50	Original	85	Original
16	Original	51	Original	86	Original
17	Original	52	Original	87	Original
18	Original	53	Original	88	Original
19	Original	54	Original	89	Original
20	Original	55	Original	90	Original
21	Original	56	Original	91	Original
22	Original	57	Original	92	Original
23	Original	58	Original	93	Original
24	Original	59	Original	94	Original
25	Original	60	Original		-
26	Original	61	Original		
27	Original	62	Original		
28	Original	63	Original		
29	Original	64	Original		
30	Original	65	Original		
31	Original	66	Original		
32	Original	67	Original		
33	Original	68	Original		
34	Original	69	Original		
35	Original	70	Original		
			-		

* New or Revised Page

ADVANCED SERVICES TARIFF Section: 2 Sheet: 3 Revision: Original Replacing:

ADVANCED SERVICES (Vintage I)

TABLE OF CONTENTS

CHECK TABLE APPLIC EXPLAN TARIFF	PAGE. 1 PAGE. 2 OF CONTENTS. 3 ATION OF TARIFF. 5 ATION OF SYMBOLS. 6 'FORMAT. 7 EFINITIONS 8
	EGULATIONS
2.1	
2.1	Regulations Applying to all Customer's Contracts
2.2	Application for Service
2.3	Advance Payments and Deposits
2.4	Use of Service and Facilities
2.5	Payments for Service
2.0	Obligations of Customers and Rights of the Company
2.8	Liability of the Company
2.0	Transfers of Contracts
2.10	Termination of Contracts
2.10	Special Charges, Fees and Taxes
2.12	Distance Learning
2.13	Educational Percentage Discount Rate (E-Rate)
2.14	Customer Access to the Network
2.15	Suspension of Service 41 Special Construction 42
	42
3. AP	PLICATION OF RATES
3.1	Business Rates
3.2	Residence Rates
	44
	RVICE CONNECTION CHARGES
4.1	General
4.2	Service Charges
5. FR.	
5. FR. 5.1	AME RELAY DIGITAL SERVICE
5.1	Descriptive Summary
5.3	Definitions
5.3	General Regulations
5.4 5.5	Service Availability
5.6	Limitations
5.8	Responsibility of the Customer
5.8	Responsibility of the Company
5.9	Application of Rates
5.10	Rates and Charges
5.10	Volume Pricing

.

ADVANCED SERVICES TARIFF Section: 2 Sheet: 4 Revision: Original Replacing:

ADVANCED SERVICES (Vintage I)

TABLE OF CONTENTS (Continued)

6. C	USTOMER SPECIFIC PRICING	Page
6.1	Scope	
6.2	Liability	. 60
6.3	Liability	. 60
6.4	Obligations of Customers	. 62
6.5	Rights of the Company	. 64
6.6	Use	. 65
6.7	Payment Arrangements and Credit Allowances	. 65
6.8	Public Utility Commission Notification	. 66
	Payment Options	. 67
6.9	Distance Learning	. 69
6.10	Educational Percentage Discount Rates (E-Rates)	. 69
6.11	High Capacity Network Services	. 69
6.12	Customized Services	. 71
7. PI		
7. P	RIVATE NETWORK SERVICES	
7.1	Descriptive Summary	. 72
7.2	Provision of Service	. 72
	Definitions	74
7.4	Broadband Educational Videoconferencing Service	. 78
7.5	Native LAN Interconnection and Channel Extension Services	
	(NLIS/CES)	. 84
7.6	Other Private Network Services	. 85
8. AI	DITIONAL ENGINEERING, ADDITIONAL LABOR AND MAINTENANCE OF SERVICE	
8.1	Additional Engineering	
8.2	Additional Maintenance	. 86
8.3	Maintenance of Service	. 86
8.4	Rates and Charges	. 87
		. 89
9. TE	LECOMMUNICATIONS SERVICE PRIORITY (TSP)	
9.1	General	0.0
9.2	Regulations	90
9.3	Definitions	90
9.4	Availability of Service	90
9.5	Provision of Service	91
9.6	Application of Rates	91
9.7	Rates and Charges	92
	Maceb und charges	94

ADVANCED SERVICES TARIFF Section: 2 Sheet: 5 | Revision: Original Replacing:

ADVANCED SERVICES (Vintage I)

APPLICATION OF TARIFF

- A. This Tariff contains the description, regulations, and rates applicable to Services offered by the Company. Services are furnished subject to the availability on a continuing basis of all the necessary facilities as set forth in this Tariff. The Company will provide Advanced Data Services, including but not limited to: ADSL, IDSL, xDSL, Frame Relay, Cell Relay, and VPOP-Dial Access Service which relies upon packetized technology and has the capability of supporting transmission speeds of at least 56 kilobits per second in both the transmit and receive direction.
- B. The rates and regulations contained in this Tariff apply only to the Services furnished by Company and do not apply, unless otherwise specified, to the lines, facilities, or services provided by a Local Exchange Carrier or other common Carrier for use in accessing the Services of Company.
- C. The Company shall not be deemed to have waived or impaired any right, power, requirement or option reserved by this Tariff (including, but not limited to, the right to demand exact compliance with every term and condition herein), by virtue of any custom or practice of the Company at variance with the terms hereof, or any failure, refusal or neglect of Company to exercise any right under this Tariff or to insist upon exact compliance with its terms, or any waiver, forbearance, delay, failure or omission by Company to exercise any right, power or option hereunder.
- D. The provision of Services are subject to existing regulations and terms and conditions specified in this Tariff and may be revised, added to or supplemented by superseding Tariffs.
- E. The Company reserves the right to offer its Customers a variety of Services as deemed appropriate by the Company.
- F. The Company will provide Services requested by Customers which are not included in this Tariff, depending on equipment and facility availability and economic considerations. Pricing for these Services will be accomplished on an Individual Case Basis (ICB) or a Customer specific contract.
- G. This tariff is applicable to Business and Residential Customers.

ADVANCED SERVICES TARIFF Section: 2 Sheet: 6 Revision: Original Replacing:

ADVANCED SERVICES (Vintage I)

EXPLANATION OF SYMBOLS

The following symbols will be used in the right-hand margins of each tariff sheet to indicate changes made on the sheets:

- (C) Indicates a Change in Regulation
- (D) Indicates Discontinued Rate or Regulation
- (E) Indicates Correction of an Error Made During a Revision
- (I) Indicates Rate Increase
- (M) Indicates a Move of Text but no Change in Text, Rate or Regulation
- (N) Indicates a New Rate or Regulation
- (R) Indicates a Rate Reduction
- (T) Indicates a Change in Text but no Change in Rate or Regulation

ADVANCED SERVICES TARIFF Section: 2 Sheet: 7 Revision: Original Replacing:

ADVANCED SERVICES (VINTAGE I)

TARIFF FORMAT

- A. **Page Numbering** Page numbers appear in the upper right hand corner of each page. Pages are numbered sequentially. However, new pages are added to the Tariff from time to time. When a new page is added between pages already in effect, a decimal is added. For example, a new page added between pages 14 and 15 would be 14. 1.
- B. **Page Revision Numbers** Revision numbers also appear in the upper right hand corner of each page. These numbers are used to determine the most current page version on file with the Commission. For example, the 4th revised page 14 cancels the 3rd revised page 14. Because of various suspension periods, deferrals, etc. the Commission follows in their Tariff approval process, the most current page number on file with the Commission is not always the Tariff page in effect.
- C. **Paragraph Numbering Sequence** There are six (6) levels of paragraph coding. Each level of coding is subservient to its next higher level:
 - 2 2.1 2.1.1 2.1.1.A 2.1.1.A.1 2.1.1.A.1.(a) 2.1.1.A.1.(a).I
- D. Check Pages When a Tariff filing is made with the Commission, an updated check page accompanies the Tariff filing. The check page lists the pages contained in the Tariff with a cross-reference to the current revision number. When new pages are added, the check page is changed to reflect the revision. An asterisk (*) designates all revisions made in a given filing. There will be no other symbols used on this page if these are the only changes made to it. The Tariff user should refer to eh latest check page to find out if a particular page is the most current on file with the Commission.

1. DEFINITIONS

Certain terms used generally throughout this Tariff are defined below:

ALTERNATING CURRENT SUPPLY: Electrical energy which is used for the operation of bells and signal devices.

<u>AUTOMATIC DIALING-ANNOUNCING DEVICE</u>: An automatic dialing-announcing device is any automatic equipment used for solicitation which incorporates the following features: storage capability of multiple numbers to be called or a random or sequential number generator that produces numbers to be called; and has the capability, working alone or in conjunction with other equipment, of disseminating a prerecorded message to the number called.

BATTERY: (See Direct Current Supply).

CANCELLATION CHARGE: (See Termination Charge.)

<u>CENTRAL OFFICE</u>: A central office is a local exchange switching unit which is used to interconnect an Exchange Access Arrangement or telephone within a specified area.

<u>CENTRAL OFFICE DISTRICT</u>: A central office district is the specific district normally served by a central office. A central office district may be served in several ways, namely:

By a single-unit central office.

By a multiple-unit central office.

By a theoretical central office established for the purpose of development, in which case the switching is done on the switchboard of a central office already established and located in the central office district, a part of which will subsequently become the new central office district. Such a theoretical central office district is termed "Potential Central Office District."

<u>COMMUNICATIONS SYSTEMS</u>: Channels and other facilities which are capable, when not connected to the telecommunications network, of two-way communications between terminal equipment.

<u>COMPOSITE DATA SERVICE</u>: The combined use of terminal and data switching equipment provided by a Composite Data Service Vendor with the use of telecommunications services of the Company to perform data switching for others.

<u>COMPOSITE DATA SERVICE VENDOR</u>: A customer that has been certificated by the proper state or municipal regulatory body, and/or the Federal Communications Commission pursuant to section 214 of the Communications Act of 1934, as amended, to acquire and operate facilities to perform data switching for others. A customer shall be classified as a Composite Data Service Vendor only with respect to use of those exchange services which are utilized for the provision of composite data service.

1. DEFINITIONS (Cont'd)

<u>CONNECTING COMPANY</u>: A corporation, association, firm or individual, owning and operating one or more central offices and with whom traffic is interchanged.

<u>CONSTRUCTION CHARGE</u>: A separate initial charge made for construction of pole lines, circuits, facilities, etc., in excess of that contemplated under the rates quoted in the tariffs of the Company.

<u>COVERED PUBLIC MALL</u>: A covered public area, originally intended for, or formerly used as, a public street or alley running between two or more buildings.

CUSTOMER: The person, firm or corporation which orders service and is responsible for the payment of charges and compliance with the regulation of the Company.

CUSTOMER PREMISES INSIDE WIRE:

- Simple All wiring on the customer's side of the demarcation point which is not complex wiring.
- Complex Wiring, also called intrasystem wiring, includes all cable and wire and its associated components (e.g., connecting blocks, terminal boxes, conduit between buildings on the same customer's premises, etc.) located on the customer's side of the demarcation point, which connect station components to each other and to the common equipment of a Private Branch Exchange (PBX) or key system.

<u>CUSTOMER-PROVIDED TEST EQUIPMENT</u>: Denotes test equipment located at the premises of the customer that is used by the customer for the detection and/or isolation of a communications service fault.

<u>DATA SWITCHING</u>: When used in connection with enhanced services, denotes the switching of data (non-voice) messages by the interchange, and the controlling and routing of data messages via communications facilities where the information content of the message remains unaltered.

<u>DIRECT CURRENT SUPPLY</u>: Electrical energy for talking and signaling purposes, other than ringing, except in the case of intercommunicating systems, when direct current may be used in ringing the station bells.

DIRECT ELECTRICAL CONNECTION: A physical connection of the electrical conductors in the communications path.

<u>DISTANCE LEARNING</u>: Instruction, learning, and training that is transmitted from one site to one or more sites by telecommunications services that are used predominantly for such instruction, learning, or training, including video, data, voice, and electronic information.

ADVANCED SERVICES TARIFF Section: 2 Sheet: 10 Revision: Original Replacing:

ADVANCED SERVICES (VINTAGE I)

1. DEFINITIONS (Cont'd)

EDUCATIONAL INSTITUTION: Accredited primary or secondary schools owned or operated by state and local government entities or by private entities; institutions of higher education as defined by the Education Code, §61.003(13); the Central Education Agency, its successors and assigns; regional education service centers established and operated pursuant to the Education Code, §11.32 and §11.33; and the Texas Higher Education Coordinating Board, its successors and assigns.

<u>DEMARCATION POINT</u>: The point of interconnection between the Company communications facilities and wiring the Customer's premises.

INSTALLATION CHARGE: An initial and nonrecurring charge made under certain conditions covering the cost or portion of the cost of the work of connecting and furnishing service. (See Construction Charge and Service Connection Charge.)

INTERACTIVE MULTIMEDIA COMMUNICATIONS: Real-time, two way, interactive voice, video, and data communications conducted over networks that link geographically dispersed locations. This definition includes interactive communications within or between buildings on the same campus.

<u>JURISDICTION</u>: A geographic area meeting each of the following conditions: (1) Presided over by the same regulatory body, (2) Within the boundary of a single state, (3) An area in which the Company is authorized to provide service.

<u>LATA</u>: Local Access and Transport Area (LATA) denotes a geographic area established for the administration of telecommunications service. It encompasses designated local operating telephone company exchanges which are grouped to serve common social, economic and miscellaneous purposes.

LIBRARY: Public library or regional library system as defined by Government Code, §441.122, or a library operated by an institution of higher education or a school district.

<u>MOVE</u>: A change in the location on the same premises of the customer's equipment, which does not involve a change in the class or grade of service, the rate charged for service furnished, or a break in the continuity of the contract under which the service is furnished.

<u>OTHER COMMON CARRIER</u>: The term Other Common Carrier denotes specialized common carriers, domestic and international record carriers and domestic satellite carriers engaged in providing telecommunications services as such carriers may be authorized by the Federal Communications Commission to provide.

ADVANCED SERVICES TARIFF Section: 2 Sheet: 11 Revision: Original Replacing:

ADVANCED SERVICES (VINTAGE I)

1. DEFINITIONS (Cont'd)

PREMISES:

All portions of the same building occupied by the same customer, provided that:

- (A) All portions are not separated from each other by intervening offices, rooms or suites not occupied by the customer.
- (B) The portions on different floors are contiguous and that the portion on the upper floor is directly above the portion occupied on the lower floor.

All of the buildings occupied by the same customer, provided that all of the buildings are located on the same continuous property, which is owned and/or leased by the same customer, and are not separated by a public highway.

<u>REGISTERED</u>: The term registered denotes equipment which complies with and has been approved within the registration provisions of Part 68 of the Federal Communications Commission's Rules and Regulations.

<u>SERVICE CONNECTION CHARGE</u>: A charge made to a customer for the purpose of reimbursing the Company for the cost involved in connecting, disconnecting, or rearranging facilities upon customer's premises.

<u>SERVICE CONNECTION, MOVES AND CHANGES</u>: Refers to charges made to customers for the purpose of reimbursing the Company for the cost involved in connecting, moving, changing, and disconnecting facilities.

<u>SERVICE POINT</u>: When used in connection with communications channels or systems denotes the demarcation point on the customer's premises where channels provided by or furnished to the customer are terminated for communications with stations or terminal equipment located on the premises.

SUBSCRIBER: (See Customer)

<u>SUPPLEMENTAL CONTRACT</u>: A contract: A contract for service, equipment or facilities in addition to that provided for under the original contract.

<u>SUSPENSION OF SERVICE</u>: An arrangement made at the request of the customer or at the initiative of the Company for temporarily discontinuing service without terminating the contract or removing equipment from the customer's premises.

TELECOMMUNICATIONS NETWORK: All facilities of the Company that are used to provide its service.

TERMINATION CHARGE: A charge made to a customer if the contract is terminated prior to the expiration of the contract period.

THE COMPANY: AT&T Texas

UNLIMITED SERVICE: (See Flat Rate Service.)

ADVANCED SERVICES TARIFF Section: 2 Sheet: 12 Revision: Original Replacing:

ADVANCED SERVICES (VINTAGE I)

2. REGULATIONS

2.1 Regulations Applying to All Customers' Contracts

2.1.1 General Regulations

The regulations specified herein are in addition to the regulations contained in other sections of this Tariff. Failure on the part of the customers to observe these regulations of the Company automatically gives the Company the right to cancel the contract and discontinue the furnishing of service.

The Company's obligation to furnish service or to continue to furnish service is dependent on its ability to obtain, retain and maintain suitable rights and facilities, and to provide for the installation of those facilities required incident to the furnishing and maintenance of that service.

Regulations covering connection of equipment, accessories or facilities provided and maintained by the customer are contained in other sections of this tariff.

The Company shall not knowingly permit an automatic dialingannouncing device used for solicitation purposes to the public which cannot be terminated at will from the called station to be operated over its network.

2.1.2 Regulations Applying to Customer Complaints

The Company shall, upon receiving a complaint by a customer at the Company business office, either by letter or by telephone, promptly conduct an investigation of such complaint and advise the complainant of the results thereof. In the event the complainant is dissatisfied with the Company's report, the Company shall advise the complainant of the Public Utility Commission of Texas complaint process. The Company shall provide the customer with the address and telephone number of the Consumer Affairs Division of the Commission and if applicable, the Commission's TTY number for the deaf and hearing impaired.

2. REGULATIONS (Cont'd)

2.2 Application for Service

Application for service, or requests from customers for additional service equipment or changes in the grade or class of service become contracts when received by the Company and are subject to the minimum contract term. The Company reserves the right to require application for service to be made in writing on forms supplied by it.

The Company, upon request for service by a residential applicant or for a transfer of service by a residential customer, shall inform the applicant or customer of the lowest-priced alternative service available at the customer's location. The Company shall provide this information beginning with the lowest priced alternative and giving full consideration to applicable equipment options and installation charges.

The terms and conditions of all contracts are subject to the regulations in this Tariff.

Any general change in rates or regulations shall act as a modification of the contract to that extent, without further notice except that in case rates are increased the customer may cancel his contract upon reasonable written notice and upon payment for all service, equipment and any contractual liability.

Unless otherwise specified, the minimum term for which service will be furnished is one month.

The Company may decline to serve an applicant until such applicant has complied with the state and municipal regulations and approved regulations of the Company on file with the Commission governing the service applied for or for the following reasons;

- (A) Applicant's facilities inadequate: If the applicant's installation or equipment is known to be hazardous or of such character that satisfactory service cannot be given; or
- (B) For indebtedness: If the applicant is indebted to the Company for the same kind of service as that applied for; provided however, that in the event the indebtedness of the applicant for service in dispute, the applicant shall be served upon complying with deposit requirements.
- (C) Refusal to make deposit: For refusal to make a deposit if applicant is required to make a deposit.

2. REGULATIONS (Cont'd)

2.2 Application for Service (Cont'd)

The Company shall not refuse service to a present customer or applicant for the following reasons:

- (A) delinquency in payment for service by a previous occupant of the premises to be served;
- (B) failure to pay for merchandise purchased from the Company;
- (C) failure to pay a bill to correct previous underbilling due to misapplication of rates of more than six months prior to the date of application;
- (D) violation of the Company's rules pertaining to operation of nonstandard equipment or unauthorized attachments which interferes with the service of others, or other services such as communication services, unless the customer has first been notified and been afforded reasonable opportunity to comply with the said rules;
- (E) failure to pay a bill of another customer as guarantor thereof, unless the guarantee was made in writing to the Company as a condition precedent to service.
- (F) failure to pay the bill of another customer at the same address except where the change of customer identity is made to avoid or evade payment of a bill. A customer may request a supervisory review if the Company determines that evasion has occurred and refuses to provide service.

In instances where a customer is converting their service from a Competitive Local Exchange Carrier (CLEC) reselling the Company provided service to the Company service at the same service location, a conversion charge, as found in Section 4 of this Tariff may apply in lieu of standard installation and service connection charges.

In the event the Company refuses to serve an applicant, the Company must inform the applicant of the basis of its refusal and that the applicant may file a complaint with the Commission thereon.

- 2. REGULATIONS (Cont'd)
 - 2.3 Advance Payments and Deposits

2.3.1 Advance Payments

When making applications for service, the applicant may be required to pay at the time the application is accepted, the service connection charge, if applicable, and the first month's charges. This provision will not be applied if a deposit is collected. The provisions of this paragraph affect the initial payment only and not the subsequent billing and collecting practices as elsewhere provided in this tariff.

The amount of the advance payment (not including the service connection charge) is credited to the customer's account and applied against any indebtedness under the contract.

If it is deemed necessary by the Company in safequarding its interests, applicants for service or present customers may be required to make a deposit. Such deposit may be required to be made within 10 days after issuance of written termination notice and required deposit. In lieu of initial deposit, the customer may elect to pay the current bill by the due date of the bill, provided the customer has not exercised this option in the previous twelve months. The customer may furnish in writing a satisfactory guarantee to secure payment of bills in lieu of cash deposit. Compounded interest set annually by the Commission at the rate of not less than six percent per annum or greater than twelve percent per annum will be paid on deposits.¹ Payment of the interest to the customer shall be annually if requested by the customer, or at the time the deposit is returned or credited to the customer's account. The deposit shall cease to draw interest on the date it is returned or credited to the customer's account. The Company will not pay interest on deposits held 30 days or less. Payment of interest will be made retroactive to the date of deposit for deposits held more than 30 days. An applicant is defined as a person who applied for service for the first time or reapplies at a new or existing location after discontinuance of service. Customer is defined as someone who is currently receiving service.

¹ The rates of interest to be paid on customer deposits in accordance with Tex. Rev. Civ. Stat. Ann. art. 1440a (Vernon 1989) and overbillings or underbillings are established annually on December 1 for the subsequent calendar year by the Commission.