

ACCESS SERVICE CHECK SHEET

Title Pages 1 and 2 and Pages 1 to 22-42 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 13, 14, 15, 16, 17, 19, 20, 28 and 29 contain all changes from the original tariff that are in effect on the date hereof.

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
Title 1	1st	36	3rd	2-19	3rd
Title 2	1st	37	13th	2-20	3rd
		37.1	3rd	2-21	4th
		38	1st	2-22	4th
1	194th*	39	1st	2-22.1	4th
1.1	3rd	40	3rd	2-23	3rd
2	49th	41	2nd	2-23.1	1st
3	6th	42	1st	2-23.2	1st
4	4th	43	3rd	2-24	Original
5	27th	44	1st	2-25	Original
6	17th	45	Original	2-26	4th
7	35th	46	4th	2-26.1	1st
8	25th	46.1	Original	2-26.2	1st
8.1	2nd	47	3rd	2-26.3	1st
9	31st			2-27	3rd
9.1	14th			2-27.1	Original
10	25th	1-1	1st	2-28	Original
11	9th			2-29	2nd
12	7th			2-29.1	Original
12.1	2nd	2-1	Original	2-30	2nd
13	6th	2-2	Original	2-31	2nd
14	31st*	2-3	Original	2-32	Original
14.1	2nd	2-4	Original	2-33	Original
15	29th	2-5	Original	2-34	2nd
16	29th	2-6	Original	2-34.1	Original
16.1	7th	2-7	3rd	2-35	Original
17	Original	2-8	3rd	2-36	Original
18	6th	2-9	4th	2-37	Original
19	Original	2-9.1	Original	2-38	Original
20	Original	2-10	Original	2-39	Original
21	Original	2-11	1st	2-40	Original
22	Original	2-11.1	Original	2-40.1	2nd
23	Original	2-12	2nd	2-40.2	Original
24	Original	2-13	2nd	2-41	Original
25	Original	2-14	Original	2-42	Original
26	Original	2-15	3rd	2-43	Original
27	1st	2-15.1	2nd	2-44	Original
28	2nd	2-15.2	2nd	2-45	1st
29	3rd	2-16	3rd	2-46	1st
30	1st	2-16.1	2nd	2-47	Original
31	Original	2-17	3rd	2-48	Original
32	Original	2-18	3rd	2-49	Original
33	1st				
34	Original				
35	6th				

* New or Revised Page

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16-1	Original	16-42	1st	16-80.1	1st
16-2	Original	16-43	3rd	16-81	2nd
16-3	Original	16-44	1st	16-81.1	2nd
16-4	Original	16-45	2nd*	16-81.2	1st
16-5	Original	16-45.1	2nd	16-82	2nd
16-6	Original	16-46	4th	16-83	9th*
16-7	Original	16-46.1	1st	16-84	1st
16-8	Original	16-47	2nd	16-85	2nd
16-9	Original	16-48	3rd	16-86	1st
16-10	Original	16-48.1	2nd	16-87	1st
16-11	Original	16-48.2	1st	16-88	2nd
16-12	Original	16-49	Original	16-88.1	Original
16-13	Original	16-50	Original	16-88.2	Original
16-14	Original	16-51	Original	16-88.3	Original
16-15	Original	16-52	Original	16-88.4	1st*
16-16	Original	16-53	Original	16-88.5	Original
16-17	Original	16-54	1st	16-88.6	Original
16-18	Original	16-54.1	Original	16-88.7	Original
16-19	Original	16-54.2	Original	16-89	2nd
16-20	Original	16-55	Original	16-90	2nd
16-21	Original	16-56	1st	16-90.1	2nd
16-22	Original	16-57	Original	16-91	2nd
16-23	Original	16-58	Original	16-92	2nd
16-24	Original	16-59	Original	16-93	2nd
16-25	Original	16-60	Original	16-93.1	1st
16-26	Original	16-61	Original	16-94	2nd
16-27	Original	16-62	Original	16-95	2nd
16-28	7th	16-63	Original	16-96	2nd
16-29	1st	16-64	1st	16-96.1	2nd
16-30	1st	16-65	1st	16-97	2nd
16-31	2nd	16-65.1	Original	16-98	2nd
16-31.1	Original	16-66	2nd	16-99	2nd
16-32	1st	16-67	Original	16-99.1	2nd
16-33	2nd	16-68	Original	16-100	3rd
16-33.1	Original	16-69	Original	16-100.1	Original
16-34	1st	16-70	Original	16-101	3rd
16-35	1st	16-71	Original	16-102	1st
16-36	1st	16-72	Original	16-103	3rd
16-37	3rd	16-73	Original	16-103.1	3rd
16-38	8th	16-74	Original	16-103.2	Original
16-38.1	1st	16-74.1	Original	16-103.3	Original
16-39	4th	16-75	Original	16-103.4	Original
16-39.1	2nd	16-76	Original	16-103.5	Original
16-39.2	1st	16-77	Original		
16-40	2nd*	16-78	2nd		
16-40.1	Original	16-79	3rd*		
16-41	3rd	16-80	2nd		
16-41.1	2nd				

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16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service (Cont'd)

16.3.1 General (Cont'd)

(C) Optional UNI Features (Cont'd)

Group Addressing

This feature allows a customer to send a single data unit across established PVCs to several intended recipients. The recipients are identified by an assignment of a group address used as the destination for the Frame Relay data unit. The DLCI assigned is now a group address.

Northern Corridor Option

The Northern Corridor Option provides UNI subscribers (UNI Port With Access Line Connection, UNI Port Only Connection, and CIS-UNI Port Connection subscribers) in the New Jersey - New York Corridor the ability to connect a PVC at a specified CIR between locations in Newark or Jersey City Wire Centers and New York, New York as specified in Section 14 preceding.

(T)
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 (T)

Southern Corridor Option

The Southern Corridor Option provides UNI subscribers (UNI Port With Access Line Connection, UNI Port Only Connection, and CIS-UNI Port Connection subscribers) in the New Jersey - Pennsylvania Corridor the ability to connect a PVC at a specified CIR between locations in the Delaware Valley New Jersey Wire Centers and Philadelphia, Pennsylvania Wire Centers as specified in Section 14 preceding.

(N)
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 (N)

Committed Information Rate

Committed Information Rate (CIR) is a feature that provides the customer with a mechanism for prioritizing data on a per PVC basis across a given UNI. A committed Information Rate allows a sustained throughput at a chosen rate without having any frames designated "discard eligible" under normal operating conditions. Various CIR rates are available; however, 0 (zero) CIR is only available with 56 and 64 Kbps ports.

(D) Maintenance Window

Network maintenance and network upgrades for XA-FRS are performed during the hours of 11:00 p.m. and 8:00 a.m. At times, during the hours of maintenance activity, it will be necessary to place a customer's service in an inactive (out of service) condition. The amount of time that this scheduled out of service condition will exist is called a "maintenance window". The Company will provide the customer notice prior to the maintenance window. Maintenance window activity could be scheduled for consecutive days.

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16. Packet Data Services (Cont'd)

16.3 Exchange Access Frame Relay Service (Cont'd)

16.3.2 Rate Regulations (Cont'd)

(E) Rate Stability Plans (Cont'd)

- If at any time during the plan period, the customer disconnects all plan services or the plan in its entirety, the customer will be subject to termination liability. Termination liability will be the lesser amount of the two calculations following:
 - The sum of the monthly rates for 500 UNI Port With Access Line Connections for the remainder of the RSP period.
 - An amount equal to the difference between the monthly rate for basic Month-to-Month service and the selected RSP monthly rate times each UNI Port With Access Line Connection disconnected times the number of months the plan was in service.

(F) Northern and Southern Corridor Options

(C)

The Northern Corridor Option is available in the same commitment periods as the UNI Port With Access Line Connection and UNI Port Only Connection: Month-to-Month; 1-year, 3-year and 5-year Term Pricing Plans; and 3 and 5-year Rate Stability Plans. This rate element is included in the commitment plan of the underlying UNI Port With Access Line Connection, UNI Port Only Connection, or CIS-UNI Port Connection and is also subject to the same termination liability; see 16.3.2 (C) or (E) of this Section as appropriate.

(T)

The Southern Corridor Option is available to customers at no charge.

(N)

(N)

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16. Packet Data Services (Cont'd)

16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)

16.6.1 ATM Cell Relay Service (Cont'd)

(B) Service Components

The major components of ATM Cell Relay Service are:

- UNI Port with Access Line Connection
- IISP Port with Access Line Connection
- Port Only Connection
- Permanent Virtual Circuit (PVC)
- Switched Virtual Circuit (SVC)
- Effective Bandwidth
- Northern Corridor Option (N)
- Southern Corridor Option (N)

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16. Packet Data Services (Cont'd)16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)16.6.1 ATM Cell Relay Service (Cont'd)(B) Service Components (Cont'd)(6) Effective Bandwidth

Effective bandwidth is the bandwidth reserved for each logical connection (Permanent Virtual Circuit or Switched Virtual Circuit) that is set up across a UNI or IISP. It is based on the Peak Cell Rate, Sustained Cell Rate, Maximum Burst Size, and the class of service parameters selected, i.e., Constant Bit Rate (CBR), VBRrt (Variable Bit Rate real time), VBRnrt (Variable Bit Rate non-real time), or UBR (Unspecified Bit Rate). The total effective bandwidth of all the logical connections on a UNI or IISP cannot exceed the total bandwidth available on the UNI or IISP. Effective bandwidth prices do not vary by class of service level selected. However, effective bandwidth is consumed in varying degrees based on the class of service parameters selected. The higher the class of service, the more bandwidth will be reserved. A CBR PVC with the same Peak Cell Rate as a VBR PVC will reserve more effective bandwidth.

(7) Northern Corridor Option

The Northern Corridor Option provides UNI and IISP subscribers (UNI or IISP Port With Access Line Connection and UNI or IISP Port Only Connection subscribers) in the New Jersey - New York Corridor the ability to connect between locations in Newark or Jersey City Wire Centers and New York, New York as specified in Section 14 preceding.

(8) Southern Corridor Option

The Southern Corridor Option provides UNI and IISP subscribers (UNI or IISP Port With Access Line Connection and UNI or IISP Port Only Connection subscribers) in the New Jersey - Pennsylvania Corridor the ability to connect between locations in Delaware Valley New Jersey Wire Centers and Philadelphia, Pennsylvania Wire Centers as defined in Section 14 preceding.

(N)

(N)

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16. Packet Data Services (Cont'd)16.6 Exchange Access Asynchronous Transfer Mode Cell Relay Service (XA ATM-CRS) (Cont'd)16.6.1 ATM Cell Relay Service (Cont'd)(I) Application of Rates and Charges (Cont'd)(1) Rate Elements (Cont'd)

(h) Administrative Charge

A nonrecurring charge applies (per order, per UNI or IISP) when a customer initiates a change to one or more of the following: UNI or IISP bandwidth, PVCs, class of service parameters, and/or other service parameters that do not require changes in physical facilities and that can be provisioned by the Company's without the dispatch of a technician to the customer location. For each service order issued, the charge will be one Administrative Charge regardless of the number of changes made. The Administrative Charge does not apply for those items ordered on the same service order with the installation of a UNI or IISP.

(h) Northern and Southern Corridor Options

The Northern Corridor Option and the Southern Corridor Option are available to customers at no charge.

(N)
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(N)

(2) Minimum Period

The minimum period for ATM Cell Relay Service is 1 month.

(3) Extended Service Plans

The ATM CRS UNI Port With Access Line Connection, UNI Port Only, IISP Port With Access Line Connection and IISP Port Only Connection are available under an ESP.

Term commitments of one-, two-, three- and five- years are available to all customers at the applicable rates set forth in Section 16.6.1 following, regardless of when they subscribe to an ESP arrangement. Rate elements must be ordered under the same ESP period.

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