

ACCESS SERVICE
CHECK SHEET

The Title Page and Pages 1 through 31-316 inclusive of this tariff are effective as of the date shown, and Supplement Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10 contain all changes from the original tariff that are in effect on the date hereof.

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28. Expanded Interconnection (Cont'd)

28.1 Fiber Optic Expanded Interconnection - General (Cont'd)

28.1.11 Special Construction of Facilities

When Special Construction of facilities is required for the provision of Expanded Interconnection, the regulations, rates, charges and liabilities for Special Construction apply as set forth in the BELL ATLANTIC TELEPHONE COMPANIES TARIFF F.C.C. NO. 13.

28.2 Undertaking of the Telephone Company - Fiber Optic - Physical

The Telephone Company will provide floor space, commercial A.C. power and D.C. power with battery and generator back-up, heat, air conditioning and other environmental support to the customer's equipment, in the same manner that it provides such support items to its own equipment within that serving wire center, access tandem or remote node.

28.2.1 Power

(A) The Telephone Company will supply the space and 110V A.C. power as well as work and services which support the overall operation of the serving wire center, access tandem or remote node.

(B) The Telephone Company will provide 110V A.C. power for two electrical outlets and lighting for frames within the multiplexing node.

(C) The Telephone Company will provide DC power to the Expanded Interconnection arrangement as specified by the customer in its Expanded Interconnection application. The customer will specify the load on each feed and the size of the fuse to be placed on each feed. Charges for DC power will be applied per load amp based on the total number of load amps ordered on each feed. (C)

(1) For example, if a customer orders a total of 40 load amps of DC power and an A and B feed, the customer could order 20 load amps on the A feed and 20 load amps on the B feed. The Telephone Company will permit the customer to order a fuse size up to 2.5 times the load amps ordered. Thus, the customer could order that each feed be fused at 50 amps if the customer wants one feed to carry the entire load in the event the other feed fails. Accordingly, the customer will be charged on the basis of the total number of load amps ordered, i.e., 40 amps, and not based on the total number of amps available for the fuse size ordered. (N)

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28. Expanded Interconnection (Cont'd)28.2 Undertaking of the Telephone Company - Fiber Optic - Physical28.2.1 Power (Cont'd)

- (D) The customer is responsible for engineering the power consumption in its Expanded Interconnection arrangements and therefore must consider any special circumstances in determining the fused capacity of each feed. The Telephone Company will engineer the power feeds to the Expanded Interconnection arrangement in accordance with industry standards based upon requirements ordered by the customer in its Expanded Interconnection application. Any subsequent orders to increase DC power load at an Expanded Interconnection arrangement must be submitted on an Expanded Interconnection application. (N)
- (E) The Telephone Company reserves the right to perform random inspections to verify the actual power load being drawn by an Expanded Interconnection arrangement. At any time, without written notice, the Telephone Company may measure the DC power drawn at an arrangement by monitoring the power distribution point.
- (1) If the inspection reveals that the power being drawn does not exceed the total number of load amps ordered, no further action will apply.
- (2) If the inspection reveals that the power being drawn is greater than 100% and up to 110% of the total number of load amps ordered, the Telephone Company will provide the customer with written notification by certified U.S. Mail to the person designated by the customer to receive such notice that more power is being drawn than was ordered. Within five (5) business days of the date of notification, the customer must reduce the power being drawn to match its ordered load or revise its power requirement to accommodate the additional power being drawn. Failure to reduce the power being drawn or submit a revised application within the five (5) business days will result in an increase in the amount of power being billed to 110% of the power ordered in the application on file. (N)

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(E) (Cont'd)

- (3) If the inspection reveals that the power being drawn is greater than 110% of the total number of load amps ordered, that arrangement is subject to the following treatment.
- (a) The Telephone Company will provide the customer with written notification by certified U.S. Mail to the person designated by the customer to receive such notice that it has exceeded its ordered power.
 - (b) Additional Labor charges, as set forth in Section 31.13.2 following, apply for the cost associated with performing this inspection.
 - (c) The Telephone Company will bill the customer for the full fused capacity for each of the next six (6) bill periods following the inspection.
 - (d) After six (6) months of full fused capacity billing, and upon receipt of an application to revise the power required at that arrangement, the Telephone Company will adjust the billing to reflect the customer's revised power requirement. In the event that a revised application is not submitted, billing at full fused capacity will continue until a revised application is received.
 - (e) Within fifteen (15) business days of the date of notification, the customer must submit a non-scheduled attestation of the power being drawn at each of its remaining Expanded Interconnection arrangements. Failure to submit this non-scheduled attestation will result in the application of Additional Labor charges as set forth in Section 31.13.2 following for any subsequent DC power inspections the Telephone Company performs prior to receipt of the next scheduled attestation. Scheduled attestations are described in (F) following.

In those instances where the Telephone Company needs access to the Expanded Interconnection arrangement to make these measurements, the Telephone Company will schedule a joint meeting with the customer.

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28. Expanded Interconnection (Cont'd)28.2 Undertaking of the Telephone Company - Fiber Optic - Physical28.2.1 Power (Cont'd)

- (F) Annually, each customer must submit a written statement signed by a responsible officer of the company which attests that it is not exceeding the total load of power as ordered in its Expanded Interconnection applications. This attestation, which must be received by the Telephone Company no later than the last day of June, shall individually list all of the customer's completed Expanded Interconnection arrangements provided by the Telephone Company in all of its operating territories. If the customer fails to submit this written statement by the last day in June, the Telephone Company will notify the customer in writing that it has thirty (30 days) to submit its power attestation. Failure to submit the required statement within the 30 day notice period will result in the billing of DC power at each Expanded Interconnection arrangement to be increased to the total number of amps fused. (N)
- (G) Whenever the Telephone Company is required to perform work on an Expanded Interconnection arrangement as a result of a customer's order for a reduction in power requirements (e.g., change in fuse size), the Telephone Company will assess a nonrecurring charge. The nonrecurring charge applies for the first half hour (or fraction thereof) and for each additional half hour (or fraction thereof) per technician, per occurrence as shown in Section 31.13.2 following. If a customer orders a power reduction prior to April 26, 2001, where only a change in the fuse size is necessary, the Telephone Company will waive the nonrecurring charge.
- (H) If the customer orders a change in the power configuration requiring new -48 volt DC power feeds to the Expanded Interconnection arrangement, the Telephone Company will assess an Augment Application Fee as set forth in Section 31.28.2(A) following, subject to the terms and conditions described in 28.4.1(A)(2)(a) following. In addition, if a customer's order for a reduction in DC power triggers the deployment of power cabling to a different power distribution point, the Augment Application Fee as set forth in Section 31.28.2(A) following applies. The Telephone Company will work cooperatively with the customer to configure the new power distribution cables and disconnect the old ones. (N)

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28. Expanded Interconnection (Cont'd)

28.2 Undertaking of the Telephone Company - Fiber Optic - Physical

28.2.2 Provision of Space

- (A) The Telephone Company will provide space within the cable riser, cable rack support structure and cable vault needed to reach the multiplexing node or to connect a multiplexing node with another Interexchange Carrier point of presence already located in the same Telephone Company building as the serving wire center, access tandem or remote node (i.e., a point of presence established under terms other than those specified for Expanded Interconnection).
- (B) The Telephone Company will provide cable space within the serving wire center, access tandem or remote node Entrance Manhole and the access conduit to the serving wire center, access tandem or remote node.

(M)

(M)

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28. Expanded Interconnection (Cont'd)

28.4 Obligations of the Customer - Fiber Optic - Virtual

28.4.1 Requests for Service

(A) Customers must request virtual collocation through their Telephone Company point of contact.

(1) The point of contact will provide the customer a virtual collection application through which they must convey their requirements for space and equipment to be installed in the central office.

Completed applications for collocation must be sent directly to the Telephone Company collocation project manager at the following address:

Collocation Project Manager
Bell Atlantic
375 Pearl Street, Room 2101
New York, NY 10038
Tel: 212-429-6212

(2) The rates and charges for virtual collocation are as follows.

(a) An application fee, as set forth in Section 31.28 following, applies in order to process the customer's completed application. This fee applies per virtual collocation requests, per central office where the customer requests to establish virtual collocation. The application fee is differentiated as being associated with the initial application or an application for an augment.

- An Initial Application Fee is to be submitted by the customer with their application to establish virtual collocation. This fee applies for all new virtual collocation arrangements as well as subsequent equipment additions to an existing arrangement, and provides for application processing, and for the Telephone Company's performance of an initial site visit and an engineering evaluation.

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28. Expanded Interconnection (Cont'd)

28.4 Obligations of the Customer - Fiber Optic - Virtual

28.4.1 Requests for Service

(A) (Cont'd)

(2) (Cont'd)

(a) (Cont'd)

- An Augment Application Fee applies when the customer requests that the Telephone Company recable existing transmission equipment, install cabling of partially equipped transmission equipment or augment its DC power requirements. The fee must be submitted along with an augment application. The fee applies per request, per central office where the customer requests additional equipment or to augment its DC power requirements. The Augment Application Fee also applies for augmentation of DC power to either a physical or virtual Expanded Interconnection arrangement as specified in 28.2.1 preceding.

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28. Expanded Interconnection (Cont'd)

28.5 Undertaking of the Telephone Company - Fiber Optic - Virtual (Cont'd)

28.5.1 Provision of Service (Cont'd)

- (E) The Telephone Company is responsible for pulling the fiber from manhole zero into and through the Cable Entrance Facility (i.e., vault) to the splice point, for providing and mounting the appropriate splice enclosure or shelf and for performing the splice to Telephone Company provided Optical Fiber Non-metallic Riser-rated (OFNR) type cable. The customer will be subject to Additional Labor Charges will apply as set forth in 31.13.2 following.
- (F) The physical point of interface for connection to the virtual arrangement is referred to as manhole zero. From this manhole into the central office, the Telephone Company shall assume ownership of and maintain the fiber.
- (G) The Telephone Company will provide and maintain the OFNR type fibers, associated fiber distribution frame termination, splice enclosure and that portion of the Telephone company-owned, customer-provided cable between manhole zero and the central office splices. The Entrance Fiber Termination Rate as set forth in Section 31.28 following will apply to the customer on a per termination basis in units of twelve (12) strands of fiber.
- (H) The Telephone Company will provide and maintain cross connections between the entrance fiber terminations and the virtual collocation equipment. The customer will be subject to the Equipment Fiber Distribution Frame to Virtual Collocation Arrangement rate, per two strands of fiber, as set forth in 31.28 following.
- (I) The Telephone Company will provide -48 VDC protected power to the customer's equipment. The DC Power rate as set forth in 31.28 following will apply per load amp ordered on each feed. (C)
- DC power for Expanded Interconnection virtual collocation arrangements is provided under the same terms and conditions which apply for physical Expanded Interconnection arrangements as set forth in 28.2.1(E) preceding. (N)
- (J) The Telephone Company shall provide monthly support services for the customer, subject to the Equipment Support Rate set forth in 31.28 following, which includes the cost of providing floor space, rack space for the equipment to be mounted, environmental support, and central office and environmental alarming to directly support the equipment itself. Rack space excludes DC power and fuse panel. The Telephone Company will notify the customer if a local office alarm detects an equipment affecting condition. (N)

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28. Expanded Interconnection (Cont'd)

28.7 Undertaking of the Telephone Company - Microwave

28.7.1 Power

The Telephone Company will supply the floor space, transmitter/receiver space and 110V commercial A.C. power, heat, air-conditioning and other environmental support, as well as work and services which support the overall operation of the serving wire center, access tandem or remote node in the same manner as it provides such support items to its own equipment within that serving wire center, access tandem or remote node.

The Telephone Company will not generally provide power or environmental support to the roof space. If the Telephone Company agrees in response to a specific request by a customer to provide power or environmental support to the roof space, the customer will supply all associated materials, as specified by the Telephone Company, which the Telephone Company will have installed at the customer's cost.

- (A) The Telephone Company will provide 110V A.C. commercial power for two electrical outlets and lighting for frames within the multiplexing node.
- (B) The Telephone Company will also provide 48-volt battery-backed D.C. power for customer provided equipment located in the multiplexing node subject to the rates and charges specified in Section 31.28 following.

DC power for Microwave Expanded Interconnection multiplexing nodes is provided under the same terms and conditions which apply for physical Expanded Interconnection arrangements as set forth in 28.2.1 preceding. (N)

- (C) The Telephone Company will provide 110V commercial A.C. power for electrical outlets and lighting to the transmitter/receiver space. The customer will supply all associated materials, as specified by the Telephone Company, for the Telephone Company to bring 110V commercial A.C. power to the transmitter/receiver space. The customer will be charged the cost of installation incurred by the Telephone Company. The Telephone Company may also provide 48-volt battery-backed D.C. power for the customer's equipment located in the multiplexing node subject to the rates and charges specified in Section 31.28 following. In the event special work is required to provide power or environmental support to the transmitter/receiver equipment, the customer will supply all associated materials which the Telephone Company will arrange to have installed and the costs incurred will be charged to the customer.

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28. Expanded Interconnection (Cont'd)

28.9 Universal Regulations for Fiber Optic and Microwave Expanded Interconnection (Cont'd)

28.9.9 Telephone Company Inspection (Cont'd)

- (B) The Telephone Company reserves the right to make subsequent and periodic inspections (of any part of all) of the customer's equipment and facilities occupying the multiplexing nodes(s) and, as appropriate, associated roof space, transmitter/receiver space and cable space for purposes of averting any threat or harm inadvertently imposed by the customer upon the operation of Telephone Company equipment, facilities and/or personnel located outside of the customer's multiplexing node and other associated space.

The customer has the right to be present at such inspections. The Telephone Company will provide 15 days' written notice to the customer for non-emergency inspections. The customer will be charged for such inspections if the customer is found to be in non-compliance with the terms and conditions of this tariff. The rates and charges for such inspections are set forth in Section 31.13.2 following.

The customer will be billed DC power based on the number of load amps ordered on each feed in its Expanded Interconnection application. The Telephone Company also reserves the right to perform random inspections to verify the actual power load being drawn by Expanded Interconnection arrangements. At any time, without written notice, the Telephone Company may measure the DC power drawn at an arrangement by monitoring the power distribution point. In those instances where the Telephone Company needs access to the customer's Expanded Interconnection arrangement to make these measurements, the Telephone Company will schedule a joint meeting with the customer. A customer found to be drawing more load amps than was ordered in its Expanded Interconnection application will be subject to the conditions set forth in 28.2.1(E) preceding.

(N)
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(N)

28.9.10 Rights of the Telephone Company

The rights retained by the Telephone Company shall include but not be limited to the following:

- The Telephone Company reserves the right to reasonably specify the type of cable, waveguide, equipment and construction standards reasonably required in situations not otherwise covered in this tariff. In such cases, the Telephone Company will at its discretion furnish to the customer written material which will specify and explain the required construction.

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28. Expanded Interconnection (Cont'd)

28.10 Expanded Interconnection Alternatives (Cont'd)

28.10.1 Secured Collocation Open Physical Environment (SCOPE) (Cont'd)

(E) Equipment Bay, Lighting and AC Outlet Installation (Cont'd)

(2) The Telephone Company will designate the floor space location specific for each bay of equipment installed. In addition to the floor space, the Telephone Company will provide AC and -48V DC power, battery and generator backup power, heat, air-conditioning and other environmental support in connection with the customer's transmission equipment in the same manner it provides such support items in connection with its own transmission equipment within that central office.

(3) Standard -48V DC power shall be provided per load amp on each feed. DC power is subject to the terms and conditions specified in 28.2.1 preceding. AC power (AC outlets) and common aisle lighting will be provided for the entire SCOPE area and will be shared by all customers. Customers requesting additional AC outlets and overhead lighting will be responsible for contracting directly with a Telephone Company approved vendor for any additional AC outlets and lighting. The groundbar for transmission equipment will be a common groundbar shared by all customers in a SCOPE arrangement. (C)
(C)
(C)

(4) Vendors must comply with the requirements specified in Section 28.1.7 and 28.6.5 preceding. The customer is responsible for all costs within the dedicated space when contracting directly with a Telephone Company-approved contractor.

(F) Rates and Charges

(1) Implementation Charges

(a) Application Fees will apply as described in Section 28.3.1 and 28.8.1 preceding, subject to the charges set forth in Section 31.28 following.

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ACCESS SERVICE

31. The Bell Atlantic Telephone Companies Rates and Charges (Cont'd)31.28 Expanded Interconnection (Cont'd)31.28.1 Expanded Interconnection Space and Facility Rates and Charges*
(Cont'd)(B) Expanded Interconnection Monthly Rates+ (Cont'd)(2) All Other Space,**
- per sq. ft.

	<u>USOC</u>	<u>Monthly Rates</u>
New York/Connecticut		
Band 1	SP101	\$ 1.92
Band 2	SP102	2.72
Band 3	SP103	3.48
Band 4	SP104	4.75
All other states	SP1CX	2.04

(3) Basic D.C. Power,

- per load amp on each feed

(C)

New York/Connecticut	SP1PA	25.32	(I)
All Other States	SP1PA	16.41	(I)

+ These fees are exclusive of New York State and New York City Gross Receipts Taxes. Those taxes will be applied.

* See Section 28. preceding for application of rates.

** Includes multiplexing node, roof space and transmitter/receiver space.

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31. The Bell Atlantic Telephone Companies Rates and Charges (Cont'd)
 31.28 Expanded Interconnection (Cont'd)
 31.28.1 Expanded Interconnection Space and Facility Rates and Charges*
 (Cont'd)

(C) Physical Expanded Interconnection Nonrecurring Charges# (Cont'd)

(3)	OCT Cable & Frame Termination		Nonrecurring Charge
	- DS1, per 28 connections	CY3GP	\$2,208.24
	- DS3 or STS1, per connection	CY3JP	1,153.85
	- Per 12 fiber optical connection to FDF	CY3LP	2,855.30

(D) Physical Expanded Interconnection Monthly Rates#

(1)	OCT POT Bay Termination**		<u>Monthly Rate</u>
	- DS1, per 28 terminations	CY3HP	\$ 7.17
	- DS3 or STS1, per termination	CY3KP	0.77
	- per 12 fibers	CY3RP	9.93
(2)	OCT Cable & Frame Termination		
	- DS1, per 28 connections	CY3GP	28.25
	- DS3 or STS1, per connection	CY3JP	14.76
	- Per 12 fiber optical connection to FDF	CY3LP	36.53
(3)	POT Bay Frame		
	- Per Option 1	CY3MP	15.95
	- Per Option 2 (Floor Space)		
	Band 1***	CY3N1	13.44
	Band 2***	CY3N2	19.04
	Band 3***	CY3N3	24.36
	Band 4***	CY3N4	33.27
	- Per Option 3		None

* See Section 28. preceding for application of rates.

Rates and charges set forth in Sections 31.28.1(C) and (D) apply in the States of New York and Connecticut only.

** Applies only when the Telephone Company provides the POT Bay (i.e., Option 1 or 2) as described in Section 28.1.3 and 28.6.2 preceding. (T)

*** Wire center rate bands are set forth in (B)(2) preceding. (T)

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31. The Bell Atlantic Telephone Companies Rates and Charges (Cont'd)31.28 Expanded Interconnection (Cont'd)31.28.2 Fiber Optic Expanded Interconnection - Virtual (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(F) Equipment Fiber Distribution Frame to Virtual Collocation Arrangement, 2 strand fiber				
New York/Connecticut	S2FJP	\$21.01	None	
All Other States	S2FJP	5.00	None	
(G) DC Power, per load amp on each feed				(T) (C)
New York/Connecticut	S2FDA	25.32	None	(I)
All Other States	S2FDA	16.41	None	(I)
(H) CATT to Virtual Fiber Distributing Frame				
New York/Connecticut				
Per 12-fibers terminated to the fiber frame	SP1KY	21.25	None	
All Other States				
Per 12-fibers terminated to the fiber frame	SP1KY	17.51	None	

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