ACCESS SERVICE

25. Expanded Interconnection

25.1 General Description

Expanded Interconnection provides interconnection between certain Telephone Company-provided intrastate access services and the facilities of an interconnector. Expanded Interconnection is generally available as virtual collocation which is described in greater detail in 25.2 (Virtual Collocation). The Telephone Company will also provide Expanded Interconnection to interconnect with microwave facilities on an individual case basis (ICB) as set forth in 25.3 (Microwave Transmission Facilities).

The Telephone Company will provide Expanded Interconnection to the following types of Telephone Company-provided intrastate access services:

-Switched Transport (DS1- and DS3- level Entrance Facilities and Direct-Trunked Transport)
-Directory Transport (DS1- and DS3-level Entrance Facilities and Direct-Trunked Transport)
-High Capacity Service (1.544 Mbps)
-MegaLink Custom Service (44.736 Mbps)
AT&T Switched Ethernet Service℠ 1 Gigabit Ethernet (N)
AT&T Switched Ethernet Service℠ 10 Gigabit Ethernet (N)
AT&T Dedicated Ethernet Service (1, 2.5, 10, 40, and 100 Gigabit Ethernet) (N)

Expanded Interconnection provided as virtual collocation can also be provided to other Telephone Company-provided intrastate Switched Access and Special Access services upon a bona fide request as set forth in 25.2 (Virtual Collocation).

Regulations contained in Section 2 and 5 of this Guidebook that apply to customers also apply to interconnectors. A description of the rate categories applicable to Expanded Interconnection, how those rate categories are applied and other specific recurring and nonrecurring charges that may also apply are contained in 25.5 (Rate Regulations for Virtual Collocation).

Expanded Interconnection is available at Telephone Company wire centers as specified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4.

25.2 Virtual Collocation

Virtual Collocation provides a transmission path between an interconnector's Telephone Company-specified demarcation point and certain Telephone Company-provided intrastate Access Services. The transmission path provided will include central office basic transmission equipment dedicated to the interconnector's use as well as facilities common to the use of all customers. The interconnector can designate certain basic transmission equipment that will be dedicated to its use; however, the Telephone Company will provide and exercise exclusive physical control over any equipment deployed in its central offices for the purposes of virtual collocation. The designation of equipment dedicated for the use of an interconnector is specified in greater detail in 25.2.1(C) (Designation of Dedicated Equipment).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

Virtual collocation is available for interconnection with:

-Telephone Company-provided Special Access Services and Switched Access Services in end offices and serving wire centers,

- Telephone Company-provided Special Access at remote nodes that are used as rating points for Special Access, and

- Telephone Company-provided Switched Access on a bona fide request at access tandems that are not collocated with end offices or serving wire centers as well as remote nodes that serve as rating points for switched transport and which have the necessary space and technical capabilities to originate and terminate switched traffic.

Virtual Collocation is not available for the direct connection of one interconnector-provided facility to a different interconnector-provided facility within the same Telephone Company wire center. Virtual Collocation is available for interconnection to the Telephone Company-provided Switched Access and Special Access Services and wire centers set forth in 25.1 (General Description). The Telephone Company will issue guidebook revisions proposing virtual collocation for expanded interconnection to any other generally available Telephone Company-provided Switched Access or Special Access Service or wire centers upon receipt of a bona fide request for such interconnection. These guidebook revisions will be issued within 45 days of receiving the bona fide request and such filings will be made on 45 days notice. Bona fide requests for virtual collocation are described in greater detail in 5.2.2(R) (Expanded Interconnection).

Virtual collocation must be made in accordance with the provisions specified in the Telephone Company's Technical Publication for Expanded Interconnection.

25.2.1 Provisioning

(A) General

The provisioning of virtual collocation requires the use of equipment specified by the interconnector and dedicated to its use as well as facilities designated by the Telephone Company for the common use of all customers, including other interconnectors. Equipment used in the provisioning of virtual collocation will be installed, maintained and repaired by the Telephone Company in the same manner that the Telephone Company installs, maintains and repairs comparable equipment used in the provisioning of its Switched Access Services and Special Access Services. Installation, maintenance and repair of designated equipment by third party vendors is described in 25.2.5 (Third Party Vendor).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.1 Provisioning (Cont'd)

(A) General (Cont'd)

The Telephone Company will designate the location or locations within its wire center for the placement of all equipment and facilities associated with virtual collocation. Virtual collocation does not involve the reservation of segregated central office space for the use of interconnectors.

The Telephone Company will neither develop nor maintain circuit and facility layout designs for either virtual collocation arrangements or the transmission paths using those arrangements. Specific record keeping will be the responsibility of the interconnector.

When virtual collocation is provided, the services to which it provides interconnection will be only those intrastate Switched Access and Special Access Services offered by the Telephone Company as those services are described in other sections of this Guidebook. A listing of those services to which Expanded Interconnection is available are listed in 25.1 (General).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.1 Provisioning (Cont'd)

(A) General (Cont'd)
If an interconnector requests expanded interconnection to a service that is not provided at the location specified by the interconnector, the Telephone Company is under no obligation to provided expanded interconnection at that location nor to make such service available. If the service does become available in the specified location subsequent to the interconnector's request, the Telephone Company will provide expanded interconnection upon subsequent bona fide request of the interconnector.

Virtual collocation is ordered under the provisions set forth in Section 5 (Ordering for Access Service). Also included in that section are other charges that may be associated with ordering Expanded Interconnection, such as Service Date Change Charges and Cancellation Charges.

(B) Entrance Cable
Interconnectors requesting Expanded Interconnection in a Telephone Company wire center may bring a maximum of two single mode dielectric fiber optic cables to the demarcation point specified by the Telephone Company. The fiber optic cable provided by the interconnector must be single mode dielectric fiber optic cable meeting industry standards for composition and specifications as set forth in the Telephone Company's Technical Publication for Expanded Interconnection.

The interconnector must also leave sufficient cable length, as specified by the Telephone Company, at the demarcation point for the Telephone Company to fully extend the cable into its cable vault and to make the splice onto the riser tail fiber termination shelf assembly.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.1 Provisioning (Cont'd)

(B) Entrance Cable (Cont'd)

The Telephone Company will provide the interconnector with the location of the demarcation point for each entrance cable as well as the length of cable needed to reach the riser tail in the cable vault as set forth in the Telephone Company's Technical Publication for Expanded Interconnection.

Ownership of the additional cable length provided by the interconnector and pulled by the Telephone Company into its cable vault shall be transferred to the Telephone Company. Once ownership of the fiber optic cable has been transferred to the Telephone Company, the Telephone Company will maintain and operate the cable according to the interconnector's needs as identified by its request for expanded interconnection.

The Telephone Company will splice the individual fibers of the interconnector-provided fiber optic cable to a riser tail and fiber termination shelf assembly. All fibers of the interconnector-provided fiber optic cable must be spliced to a riser tail. The maximum number of fibers that can be spliced to any single riser tail is 72. If the inteconnector-provided fiber optic cable contains more than 72 fibers, the interconnector must request additional fiber termination shelves and associated riser tails in 72 fiber increments to accommodate all fibers provided.

If the entrance cable provided by the interconnector is less than the length specified by the Telephone Company, the interconnector must provide a replacement length of unbroken cable that is spliced on the interconnector's side of the demarcation point.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.1 Provisioning (Cont'd)

(B) Entrance Cable (Cont'd)

When the interconnector requests diverse entry points into a wire center where the Telephone Company has at least two entry points for its own cable facilities and such entry points have sufficient available space to accommodate the interconnector's request without the rerouting of Telephone Company cable facilities already deployed, the Telephone Company will provide a maximum of two entry points, one for each cable, per interconnector, at the wire center so specified. A separate entrance cable, riser tail and fiber termination shelf are required for each entry point when diverse entry points are provided.

The interconnector is responsible for coordinating with the Telephone Company to ensure that the entrance cable is installed in accordance with the request.

(C) Designation of Dedicated Equipment

(1) Equipment designated by an interconnector will be dedicated to the interconnector; however, such equipment must be in compliance with the requirements set forth in the Network Equipment Building System (NEBS) Generic Equipment Requirements (TR-NWT-000063) document and be compatible with the facilities and equipment used by the Telephone Company in the provisioning of its services.

(2) The interconnector can designate for placement in the Telephone Company's central offices a specific brand or type of basic transmission equipment if necessary to provide the interconnector's requested functionality or necessary technical compatibility with the interconnector's equipment on its side of the demarcation point. The interconnector may not designate other types of equipment such as enhanced services equipment, customer premises equipment, or switches under any circumstance.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.1 Provisioning (Cont'd)

(C) Designation of Dedicated Equipment (Cont'd)

(3) The equipment designated by the interconnector must have operating characteristics that will not interfere with other services offered by the Telephone Company. Such use is subject to the further provisions that the equipment selected by the interconnector does not endanger the safety of the Telephone Company employees or the public; damage, harm, require change in or alteration of the equipment or other services of the Telephone Company; interfere with the proper operation of the Telephone Company equipment; or otherwise injure the public in its use of the Telephone Company's services. Upon notice from the Telephone Company that the equipment specified by the interconnector is likely to cause such hazard or interference, the interconnector is responsible for identifying and specifying equipment that would not pose such hazard or interference. In the event the equipment specified by the interconnector poses such hazard or interference after it has been connected to the Telephone Company's network, the Telephone Company will notify the interconnector of the hazard or interference and take such steps as shall be necessary to remove or prevent such hazard or interference. Also, if the Telephone Company must take steps to remove or prevent such hazard, additional labor, as described in 25.5.2(F) (Additional Labor), will apply.

(4) If the interconnector requests the installation of basic transmission equipment not provided for in the Telephone Company's guidebook, and such equipment is in compliance with (1), (2), and (3), preceding, the Telephone Company will file tariff revisions to provide such equipment. Bona fide requests for designated equipment are described in greater detail in 5.2.2(R) (Expanded Interconnection).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.1 Provisioning (Cont'd)

(C) Designation of Dedicated Equipment (Cont'd)

(5) When the interconnector holds itself out as the vendor or provider of the equipment to be designated for its use, the Telephone Company is under no obligation to purchase such equipment from the interconnector unless the interconnector is the least-cost provider among the other vendors available for such equipment to the Telephone Company.

(6) When the interconnector designates basic transmission equipment not used by the Telephone Company in its network (nonstandard equipment), the Telephone Company will obtain vendor equipment documentation. The Telephone Company will review this documentation in the same manner it reviews such data for its own selection of basic transmission equipment. The labor required to perform this activity will be charged for as set forth in 25.5.2(F) (Additional Labor).

(7) Interconnector designated equipment that fails will be replaced by the Telephone Company, unless instructed otherwise by the interconnector. The interconnector will be responsible for the payment of all applicable nonrecurring charges, as set forth in 25.5.7 (Rates and Charges), for the replacement of out-of warranty designated equipment.

(8) When the interconnector requests the disconnection or removal of its designated equipment, and such equipment is not reusable by the Telephone Company, additional labor will apply for the removal of the equipment from the Telephone Company's network. Additional Labor is described in 25.5.2(F) (Additional Labor). The interconnector will be notified and provided with an estimate of the additional labor charges involved.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.1 Provisioning (Cont'd)

(D) Interconnection Cross Connect

An Interconnection cross connect can be differentiated by the types of services to which it is interconnected. However, an interconnector may elect to use some of the capacity of an interconnection cross connect for interconnection to Switched Access Services and some of the capacity to interconnect with Special Access Services. Such shared use arrangements are described in greater detail in 25.5.6 (Shared Use).

In addition to shared use, a nondesignated conversion arrangement can be used to interconnect an interconnection cross connect to the next level of capacity Telephone Company-provided service. Provisioning of nondesignated conversion arrangements are described in greater detail in 25.2.1(E) (Conversion Arrangement).

Interconnection cross connects are provided only when they can be connected to a Telephone Company-provided service or to a switched transport connection. The Telephone Company-provided service or switched transport connection can be existing or installed simultaneously with the interconnection cross connect.

(E) Conversion Arrangement

The conversion of an interconnection cross connect or a switched transport connection to the next level of capacity is generally not required to provide an interconnector with Expanded Interconnection to Switched Access or Special Access Services. However, when conversion is required, such as the connection of a switched transport connection to an analog switch, such conversion arrangements must be requested by the interconnector.

Nondesignated conversion arrangements are specified and provided by the Telephone Company in the same manner such arrangements (referred to as multiplexers) are selected and provided for Switched Access and Special Access Services. The types of nondesignated conversion arrangements that are available for use with an interconnection cross connect or a switched transport connection are set forth in 25.5 (Rate Regulations for Virtual Collocation).

Nondesignated conversion arrangements for Expanded Interconnection are available only in Telephone Company wire centers that have been designated as hubs. Hubs are described in 7.1.3 (Hubs). Not all types of nondesignated conversion arrangements are available at all hub locations. The National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4 contains the Telephone Company's Hub locations and the types of nondesignated conversion arrangements (referred to as multiplexing) that are available at each location.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.2 Training

The Telephone Company is responsible for determining when training is necessary and how many Telephone Company employees require training to provide 24 hour a day, seven day a week coverage for the installation, maintenance and repair of the interconnector's designated equipment not currently used in a wire center selected by the interconnector for virtual collocation.

The interconnector may have the Telephone Company arrange for the required training of Telephone Company personnel. The nonrecurring charges applicable for training are listed in Section 25.5.7 (Rates and Charges).

If the interconnector does not have the Telephone Company coordinate the required training, the interconnector may assume the responsibility for providing the training. It is then the responsibility of the interconnector to:

(1) arrange and pay to the supplier all costs for training sessions, including required course material, and

(2) arrange and pay to each individual supplier all costs associated with lodging and other than local transportation, such as air fare, required for Telephone Company employee training.

The Telephone Company will work cooperatively with the interconnector to schedule Telephone Company personnel training time required for the installation, maintenance and repair of the interconnector's designated equipment. The interconnector will be assessed two hours of the technician additional labor charge, as specified in 25.5.7 (Rates and Charges), for Telephone Company personnel time required to coordinate training activities with the interconnector. The interconnector will be responsible for reimbursement of Telephone Company personnel wages for time spent as a result of the necessary training and will be assessed at the technician additional labor charge specified in 25.5.7. All other applicable charges specified in 25.5.7(J) (Training) will be assessed to the interconnector.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.3 Acceptance Testing

At no additional charge, SWBT will perform, upon request of the interconnector, joint acceptance tests of the high speed optical (SONET or asynchronous) equipment. These tests will consist of the following:

- optical receive power level signal (meets minimum vendor requirements),

- DCC continuity (SONET), telemetry continuity (asynchronous),

- optical high-speed line level protection switching,

- verification of software/hardware release capability.

25.2.4 Reserved for Future Use

25.2.5 Third Party Vendor

(A) General

The Telephone Company will exercise control of, and authority over, any work activity performed in its central office (such as designating specific locations for the installation of equipment) in the same manner that it exercises control and authority over the work activity of the installation, engineering, maintenance or repair of comparable equipment used to provision its other services as set forth in 25.2.1(A) (General).

(B) Installation

The Telephone Company will specify the certified vendor of designated equipment in the same manner that it specifies the certified vendor for the installation of comparable equipment used to provide its Switched Access and Special Access Services. If the interconnector requests identification of the installing party, the Telephone Company will provide the name of the party doing the installation.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.5 Third Party Vendor (Cont'd)

(C) Maintenance and Repair

When the interconnector has designated basic transmission equipment for placement in a Telephone Company central office where the Telephone Company has sufficient experience in maintaining and repairing such equipment, the Telephone Company will perform all maintenance and repair activities on the interconnector's designated equipment in that central office. Such maintenance and repair activities will be done in the same manner as they are done for comparable equipment used to provision the Telephone Company's Switched Access and Special Access Services that are also provided in that central office.

When the interconnector has designated basic transmission equipment for placement in a Telephone Company central office where the Telephone Company does not have sufficient experience in maintaining and repairing such equipment in that central office, the Telephone Company reserves the right to either train its existing personnel on such equipment or to contract with a certified third party vendor for maintenance and repair. Such determination will be made for each location and equipment type specified by the interconnector based upon the particular level and type of expertise of the Telephone Company's personnel in any given central office regarding the interconnector's requested equipment. If training is required, it will be provided as set forth in 25.2.2 (Training).

Such maintenance and repair activities will be done in the same manner as they are done for comparable equipment used to provision the Telephone Company's Switched Access and Special Access Services that are also provided in that central office.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.6 Maintenance and Operation Management

The interconnector will be responsible for supplying, installing, engineering, servicing, repairing, and maintaining the facilities and equipment on its side of the demarcation point. The interconnector is also responsible for supplying the fiber optic cable that will be pulled by the Telephone Company into its cable vault for splicing into a riser tail fiber termination shelf assembly.

The Telephone Company is not responsible for the design, engineering, testing, or performance of the interconnector's equipment and facilities.

The Telephone Company will be responsible for supplying (except that the entrance cable from the demarcation point to the riser tail must be supplied by the interconnector), installing, servicing, repairing, and maintaining the facilities and equipment on its side of the demarcation point under the same time intervals and with the same failure rates that apply to comparable Telephone Company equipment or facilities that are not dedicated to the interconnector.

The Telephone Company undertakes the responsibility to maintain and repair the Expanded Interconnection arrangement which it furnishes. However, the interconnector, upon request, shall furnish such information as may be required to permit the Telephone Company to maintain the Expanded Interconnection and to assure that the arrangement is in compliance with the regulations contained in this section. When maintenance activities occur due to trouble in the interconnector's facilities, either as a result of unannounced interconnector activity or as a result of Telephone Company inability to correlate low level service alarms with high level facility alarms (due to the interconnector's control of the high level facilities) charges for additional labor, as set forth in 25.5.2(F) (Additional Labor), will apply.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.6 Maintenance and Operation Management (Cont'd)

The Telephone Company and the interconnector are responsible for providing contact numbers to each other that are readily accessible 24 hours a day. The Telephone Company's contact numbers are listed in its Technical Publication for Expanded Interconnection.

The Telephone Company and the interconnector are responsible for providing trouble report status to each other for the facilities they operate and maintain as follows:

-the Telephone Company, upon request of the interconnector, will provide trouble report status for the facilities it operates and maintains as Expanded Interconnection.

-the interconnector, upon request of the Telephone Company, will provide trouble report status for the services and facilities it has connected to the Telephone Company's Expanded Interconnection.

Nothing in the tariffs, guidebooks or contracts of either the Telephone Company or the interconnector shall prohibit one or the other from sharing such trouble report status with other customers when the service provided to such other customers depends upon the joint provisioning of service by both the Telephone Company and interconnector.

The responsibility of the Telephone Company shall be limited to furnishing network equipment reasonably specified by the interconnector and to furnishing facilities provided for the common use of all interconnectors as well as the maintenance and operation of such equipment or facilities in a manner proper for Expanded Interconnection. Subject to this responsibility, the Telephone Company shall not be responsible for the through transmission of signals provided to the interconnector or for the quality of, or defects in, transmissions or reception of signals by interconnector operated equipment or systems.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.6 Maintenance and Operation Management (Cont'd)

(1) The interconnector must perform alarm monitoring and control functions from a remote location that allows the interconnector to track circuit functions, reconfigure, and otherwise supervise the operation of its communication circuits terminating in the virtual collocation arrangement. Therefore, the interconnector must exercise assignment control over the virtual collocation arrangement.

(2) Alarm monitoring functions are performed by an alarm collection device (ACD) located at the Telephone Company wire center. An ACD which the interconnector must obtain under this Guidebook, and which is dedicated to the interconnector for its use, is mandatory at each wire center where that interconnector has requested virtual collocation, except as noted in the IDE hubbing arranagement set forth following. The interconnector may access the ACD through a simplex port for the purpose of real-time monitoring. A Special Access line is required to complete this connection. When the input capacity of the ACD is exhausted, the interconnector will be required to purchase an additional ACD.

(3) Subject to technical feasibility and operational practicality, the Telephone Company will provide an IDE hubbing arrangement via an ACD Access Link upon the request of an interconnector. An IDE hubbing arrangement allows alarm/event intelligence to be transported to an interconnector's virtual collocation arrangement equipped with a dedicated ACD from another location occupied by the same interconnector where the interconnector's virtual collocation arrangement is not equipped with an ACD. The ACD Access Link, available only with an IDE hubbing arrangement, provides for the 2.4, 4.8, 9.6 or 56 kbps digital transmission facility between a single interconnector's virtual collocation arrangement(s) not equipped with an ACD to the location where the dedicated ACD is located.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.6 Maintenance and Operation Management (Cont'd)

To perform control functions, the interconnector may gain access to the IDE at the Telephone Company wire center through the craft interface port. A Special Access line is required to complete the connection to the craft interface port of the IDE. However, if the interconnector's SONET equipment supports dual gateway access to the data communication channel (DCC) and if DCC compatibility exists between the SONET equipment at the interconnector's premises and the Telephone Company's SONET equipment (e.g., same manufacturer), the interconnector may elect to use the DCC to gain access to the IDE rather than gaining access to the IDE through the craft interface port.

It is the interconnector's responsibility to provide any communication device at its remote location, if required, to perform the monitoring and control functions.

Additional information concerning the alarm collection device may be found by referencing the Telephone Company's Technical Publication for Expanded Interconnection.

Credit allowances for interruptions, when applicable, are provided as set forth in 2.5 (Billing Regulations).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.2 Virtual Collocation (Cont'd)

25.2.6 Maintenance and Operation Management (Cont'd)

25.3 Microwave Transmission Facilities

Bona fide requests for Expanded Interconnection of microwave transmission facilities will be considered for virtual collocation on a central office specific, individual case basis (ICB).

25.4 Fresh Look

Fresh Look is a limited offering of the Telephone Company and is available only to customers of Special Access High Capacity and MegaLink Custom intrastate services (shared use and non-shared use arrangements) who request to exit certain Optional Payment Plans and billing periods in order to accept new arrangements. These new arrangements may include longer or shorter term Optional Payment Plans or billing periods provided by the Telephone Company. The Optional Payment Plans and billing periods available for Fresh Look coverage are those plans or periods that are of 36 months (3 years) or more in duration and which were entered into on or before September 17, 1992 for services which can be replaced by an interconnector. Optional Payment Plans for Special Access High Capacity Service are set forth in 7.2.19 (Optional Payment Plan). Billing periods for MegaLink Custom Service are set forth in 16.4.4 (Billing Period).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.4 Fresh Look (Cont'd)

Where available, Fresh Look provides for different termination liabilities than those set forth in 7.2.19(C) (Terms and Conditions) for Special Access High Capacity Service Optional Payment Plans and 16.4.6 (Termination Charges) for MegaLink Custom Service Billing Periods. Special Construction charges and liabilities are not included in Fresh Look.

Fresh Look is available only in those wire centers in 25.7.5(P) (Tenant Accommodation Charge and Fresh Look Schedule) where expiration dates are noted. As noted in 25.7.5(P), the Fresh Look period for shared use arrangements may be the same, overlapping or different from the Fresh Look period established for non-shared use arrangements. When the Fresh Look periods are different, Fresh Look will apply only to the type of services covered.

Until Fresh Look has been initiated for both shared use and non-shared use arrangements, the interconnector is responsible for notifying the Telephone Company, on all requests for installation, change or reconfiguration of an interconnection cross connect, whether the requested activity will involve interconnection only to Special Access Service or whether the requested activity will involve interconnection to Switched Access Service. The Telephone Company will initiate a Fresh Look period for non-shared use (Special Access) when the interconnector provides notification that the requested activity involves interconnection only to Special Access. The Telephone Company will activate a Fresh Look period for both shared use and non-shared use when the interconnector either fails to notify the Telephone Company of the use of requested activity or notifies the Telephone Company that the requested activity involves interconnection to Switched Access. Shared use arrangements are set forth in 6.8.12 (Shared Use), 7.2.10 (Shared Use) and 16.4.11 (Shared Use).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.4 Fresh Look (Cont'd)

In order for the Fresh Look termination liabilities to apply to requests to terminate existing Optional Payment Plans or billing periods, customers must notify the Telephone Company of their specific intent to terminate Optional Payment Plans and billing periods in order to take different arrangements under Fresh Look. Such notification must be in writing and be received by the Telephone Company's Interexchange Customer Service Center on or before the expiration date of the Fresh Look period. If the expiration of the Fresh Look period falls on a Saturday, Sunday or Legal Holiday, such notification must be received by the Telephone Company's Interexchange Customer Service Center on or before the last non-Holiday day preceding such Saturday, Sunday or Legal Holiday.

In addition, having made such notification, the customer must also terminate the existing Optional Payment Plan(s) or billing period (s) as follows:

-If the customer is terminating an Optional Payment Plan or billing period in order to accept a different Telephone Company Optional Payment Plan or Billing Period, the customer must terminate the existing arrangement within ninety days of making the notification.

-If the customer is terminating an Optional Payment Plan or billing period in order to take service from an interconnector and the interconnector is operational at the time of the notification, the customer must terminate the existing arrangement within ninety days of making the notification.

-If the customer is terminating an Optional Payment Plan or billing period in order to take service from an interconnector and the interconnector is not operational but has placed a bona fide request for Expanded Interconnection with the Telephone Company and such bona fide request was made on or before the expiration date of the Fresh Look period, the customer must terminate the existing arrangement within ninety days of the interconnector becoming operational.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.4 Fresh Look (Cont'd)

-For purposes of Fresh Look consideration, interconnectors are deemed to be operational when the Telephone Company provides the interconnector with its first Interconnection Cross Connect and such Interconnection Cross Connect is considered operational as set forth in 25.2.1(D) (Interconnection Cross Connect).

If a customer chooses to terminate a specific Optional Payment Plan or billing period for any reason other than to take a different Telephone Company Optional Payment Plan or billing period arrangement or to take service with an interconnector, Fresh Look will not apply. When Fresh Look termination liabilities do apply, they are applied as follows:

When the customer requests to terminate an Optional Payment Plan or billing period under Fresh Look provisions, the termination liability will be the difference between the amount the customer has already paid and any additional charge that the customer would have paid for service if the customer had originally taken a shorter term arrangement corresponding to the actual term used, plus interest.

If the actual term of service taken does not coincide exactly with a service term offered by the Telephone Company, the charges for the service used will be calculated at the rates applicable at the time the Optional Payment Plan or billing period was established for the longest term commitment that the customer would have completed, plus interest. The charge for the period beyond that term will be calculated on a pro rata basis at the rates applicable to the completed term, plus interest.

Interest is compounded daily and will be calculated at the IRS rate for tax refunds. The IRS interest rate will be adjusted to reflect changes in the rate and will apply to the balance due under the recalculation as it would have occurred over time.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation

This section contains the specific regulations governing the rates and charges that apply for Expanded Interconnection.

There are two types of rates and charges that apply to the various rate elements for Expanded Interconnection. These are nonrecurring charges and monthly recurring rates. Specific rates and charges are set forth in 25.5.7 (Rates and Charges). Jurisdictional Report Requirements are set forth in 2.4 (Jurisdictional Reports).

25.5.1 Rate Elements

The following provides a list of the various rate elements for virtual collocation and how the rate elements are defined.

(A) Alarm Collection

This rate element provides for the remote monitoring and control functions that allow the interconnector to track circuit functions, reconfigure and supervise the operation of the interconnector's communications circuits terminating in the interconnector designated equipment (IDE). This rate element also allows SWBT to monitor the operation of the IDE for purposes of maintenance and repair.

(1) Alarm Collection Device (ACD)

This rate element includes an arrangement that provides the technology to acquire and multiplex alarm and control message sets in several industry accepted protocols; namely TL-1 X.25, TL-1 async, TBOS, TABS and discrete. The arrangement provides one protocol. Options may be added to expand the protocol spectrum. In conjunction with the alarm interface, the interconnector may access the simplex output port of the ACD for real time monitoring of alarms and events.

(2) Alarm Interface

This rate element provides four different interface options used in conjunction with the ACD. Each option consists of an arrangement and circuit cards which provide for the transport of ACD output information to the interconnector or for the direct connection of the interconnector network element (INE) craft interface port to the interconnector. By interfacing with the INE craft interface port or data communication channel, the interconnector may reconfigure and supervise the operation of the IDE. The interface may be arranged to provide the connection in either a digital or analog format.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.1 Rate Elements (Cont'd)

(A) Alarm Collection (Cont'd)

(3) ACD Access Link

The ACD Access Link rate element provides for a 2.4, 4.8, 9.6 or 56 kbps transmission facility between the interconnector's IDE equipped with a dedicated ACD and the interconnector's IDE located in a different wire center not equipped with an ACD. The ACD Access Link is available only with an IDE hubbing arrangement.

ACD Access Link is calculated according to mileage band. There are two rates that apply per band, i.e., a fixed monthly rate per mileage band and a monthly rate per mile.

(B) Cable Vault Splice

This rate element provides for the splicing of the interconnector-provided fiber optic cable into a riser tail in the Telephone Company's wire center cable vault.

(C) Designated Equipment

This rate element includes the basic transmission equipment that an interconnector can designate for its use in the provisioning of a transmission path between a fiber optic entrance cable and an interconnection cross connect.

(1) Basic Arrangement

A basic arrangement is the minimal equipment required to provide terminal equipment, and includes bay framework and internal bay cabling, hardware shelving, fuse panels, power and common equipment. Where technically feasible and capacity exists, multiple virtual collocation arrangements for the same interconnector may be placed in the same bay framework. The following basic arrangements are available:

(a)OC-3, which provides an optical carrier level 3 signal (OC-3) with transmission speeds at the rate of 155.20 Mbps.

(b)OC-12, which provides an optical carrier level 12 signal (OC-12) with transmission speeds of 622.08 Mbps.

(c)OC-48, which provides an optical carrier level 48 signal (OC-48) with transmission speeds of 2,488.32 Mbps.

(d) Voice Grade, which provides an optical to electrical asynchronous conversion using vendor specific optical signal characteristics.

(e)DS3 to DS1, which provides an arrangement that converts DS3 signals to DS1 signals.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.1 Rate Elements (Cont'd)

(C) Designated Equipment (Cont'd)

(2) Array

Circuit cards and associated connecting equipment used to activate DS1, DS3 or optical carrier signal capability on basic arrangements. Different arrays are required to activate DS1, DS3 and optical carrier signal capability; however, not all basic arrangements require an array. The number of DS1, DS3 or optical carrier signals that can be activated per array is specific to the manufacturer and equipment specified by the interconnector.

In addition to being differentiated by DS1, DS3 or optical carrier signal capability, arrays are further differentiated into primary, secondary and tertiary. Primary arrays consist of circuit cards used to activate DS1, DS3 or optical carrier signal capability. Secondary arrays generally consist of circuit cards used to disaggregate primary cards into smaller groupings. Tertiary arrays consist of circuit cards used to disaggregate primary and secondary arrays into smaller groups.

(3) Termination Cards

Circuit cards that provide the capability to physically connect interconnection cross connects to basic arrangements or to connect basic arrangements to other basic arrangements. The type of termination card required will depend upon the equipment being connected. Different termination cards are used for different interconnection cross connects.

Some manufacturers provide termination cards only in paired groupings. The number of interconnection cross connects or basic arrangements that can be physically connected per termination card is dependent upon the manufacturer and equipment specified by the interconnector.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rates Regulations for Virtual Collocation (Cont'd)

25.5.1 Rate Elements (Cont'd)

(D) Entrance Cable

This rate element is composed of the following subelements:

(1) Entrance Cable

This subelement provides for Telephone Company-designated personnel to pull the interconnector-provided fiber optic cable into the Telephone Company's wire center cable vault and includes any reinforced passage or opening in, on, under, over or through the ground between the first manhole and the cable vault as well as the ongoing maintenance and administrative efforts required to operate the fiber optic cable as designated by the interconnector's request for Expanded Interconnection.

(2) Splice Case

This subelement provides for the splice case that covers and protects the fiber optic splices joining the interconnector-provided fiber optic cable to the riser tail fiber termination shelf assembly.

(3) Riser Tail

This subelement provides for the riser tail fiber termination shelf assembly and its termination on a fiber distribution frame.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rates Regulations for Virtual Collocation (Cont'd)

25.5.1 Rate Elements (Cont'd)

(E) Interconnection Cross Connect

This rate element provides a cross connect and associated equipment for interconnecting a Telephone Company-provided service to an interconnection arrangement.

The interconnection cross connect can be provided at the DS3 level (44.736 Mbps) and at the DS1 (1.544 Mbps) level.

(F) Nondesignated Conversion Arrangement

This rate element provides the capability of converting an interconnection cross connect or a switched transport connection to the next level of capacity. This rate element is provided only in the same central office as the interconnection cross connect or switched transport connection.

Three types of nondesignated conversion arrangements are available as described in (1) through (3) following.

(1) DS3 to DS1

Available only with an interconnection cross connect.

Provides an arrangement that converts a DS3 interconnection cross connect to 28 DS1 channels.

(2) DS1 to Voice Grade

Available only with an interconnection cross connect or a switched transport connection.

Provides an arrangement that converts a DS1 interconnection cross connect or switched transport connection to 24 voice grade channels.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.1 Rate Elements (Cont'd)

(F) Nondesignated Conversion Arrangement (Cont'd)

(3) DS1 to DS0

Available only with an interconnection cross connect.

Provides an arrangement that converts a DS1 interconnection cross connect to 23 64.0 kbps channels.

(G) Switched Transport Connection

This rate element provides a DS1-level connection for the transmission of Switched Access traffic from the Telephone Company's distribution (DSX) bay to a single Telephone Company analog or digital switch that is located within the same wire center as the interconnector's Expanded Interconnection arrangement. This rate element can be replaced by a Switched Access customer using Direct-Trunked Transport between the Telephone Company's switch (including an access tandem) and distribution bay. Direct-Trunked Transport is provided as set forth in Section 6 (Switched Access). The provision of the connection as either switched transport connection or Direct-Trunked Transport will be determined by the applicable order of the interconnector or Switched Access customer; however, only one ordering option can be selected (i.e., the connection cannot be provided as both switched transport connection and Direct-Trunked Transport). Should a discrepancy in ordering of Expanded Interconnection and Switched Access occur, the Telephone Company will work cooperatively with the interconnector and Switched Access customer to determine how to provision the connection.

When switched transport connection is provided to an analog office, a DS1 to Voice Grade nondesignated conversion arrangement will be provided, as set forth in 25.5.2(A) (Nonrecurring Charges for Installation) and 25.5.3(D) (Nondesignated Conversion Arrangement).

(H) Floor Space

This rate element provides for the area designated by the Telephone Company, within a wire center, for the placement of the interconnector designated equipment.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.2 Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing arrangement). The nonrecurring charges that apply for Expanded Interconnection are as follows:

(A) Nonrecurring Charges for Installation

Fifty percent of the quotation of the nonrecurring charges, applicable to the Expanded Interconnection request, must be paid by the Interconnector prior to the start of installation. The remaining fifty percent is due upon completion of the Expanded Interconnection request. The Telephone Company will not complete any orders for interconnection cross connects until the Telephone Company is in receipt of the remaining fifty percent of the nonrecurring charges for installation.

If Expanded Interconnection is discontinued after installation is completed, but prior to payment of the remaining fifty percent of the nonrecurring charges for installation, the non-recoverable costs less estimated net salvage must be paid by the interconnector. Non-recoverable costs include the non-recoverable costs of equipment and material ordered, provided or used, plus the non-recoverable cost of installation and removal including the costs of equipment and material ordered, provided or used, labor, transporation and other associated costs.

These nonrecurring charges apply to the installation of virtual collocation rate elements as follows:

(1) Cable Vault Splice

For each junction between the interconnector-provided fiber optic cable and the riser tail, the nonrecurring charge applies per fiber spliced.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.2(A) Nonrecurring Charges for Installation (Cont'd)

(2) Designated Equipment

Nonrecurring charges for basic arrangement, primary, secondary and tertiary arrays, and termination card are specific to the equipment and manufacturer specified by the interconnector. Nonrecurring charges for designated equipment apply on a per unit of equipment basis (i.e., per arrangement, per array, or per card). Initial and subsequent charges and first and additional charges may apply as set forth in (a) and (b), following.

(a) Arrays

Installation charges for the arrays are applicable on an initial and subsequent basis. If an interconnector orders multiple arrays of the same type (i.e., primary, secondary or tertiary) for a virtual collocation arrangement, the first array is assessed the "initial" nonrecurring charge and each additional array is assessed the "subsequent" nonrecurring charge. Any arrays ordered after the initial virtual collocation arrangement installation will be assessed the "subsequent" nonrecurring charge.

(b) Termination Card

Installation charges for the termination card are applicable on a first and additional basis. If an interconnector orders multiple termination cards on the same access order, the first termination card is assessed the "first" installation charge and each additional termination card is assessed the "additional" installation charge.

(3) Entrance Cable

Nonrecurring charges are specific to each subelement and are applied on a per entrance cable, per splice case and a per riser tail basis.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.2 Nonrecurring Charges (Cont'd)

(A) Nonrecurring Charges for Installation (Cont'd)

(4) Interconnection Cross Connect

For each interconnection cross connect, the nonrecurring charge applies on a per interconnection cross connect basis.

(5) Nondesignated Conversion Arrangement

A nonrecurring charge applies for the installation of the nondesignated conversion arrangement as follows:

With the exception of the DS1 to Voice Grade nondesignated conversion arrangement associated with the switched transport connection, a nonrecurring charge applies on a per arrangement basis.

For the DS1 to Voice Grade nondesignated conversion arrangement associated with the switched transport connection, a nonrecurring charge applies on a per arrangement basis only when the nondesignated conversion arrangement is used to provide hubbing. Hubbing arrangements for Switched Access Service are described in 6.5.3 (Hubbing).

(6) Switched Transport Connection

For each switched transport connection provided, the nonrecurring charge will apply on a per switched transport connection basis.

(7) Alarm Collection

(a) Alarm Collection Device

For each alarm collection device provided, the nonrecurring charge will apply on a per alarm collection device basis for the arrangement. Installation charges for the termination cards will apply on a per termination card basis.

(b) Alarm Interface

For each interface provided, the nonrecurring charge will apply on a per alarm interface basis for the arrangement. Installation charges for the termination cards are applicable on a first and additional basis, as set forth in 25.5.2 (A)(2)(b), preceding.

(c) ACD Access Link

A nonrecurring charge will apply for the installation of each ACD Access Link provided.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.2 Nonrecurring Charges (Cont'd)

(B) Nonrecurring Charges for Rearrangements

Rearrangements are changes to existing Expanded Interconnection arrangements that do not result in either (1) a change in the minimum period requirements or (2) a change in the physical location of the point of termination.

Changes that result in (1) the establishment of new minimum period obligations are treated as a discontinuance of the existing Expanded Interconnection and an installation of a new Expanded Interconnection and all applicable nonrecurring charges will apply. Changes in (2) the physical location of the point of termination are treated as moves and are described and charged for as specified in 25.5.5 (Moves).

When an Interconnector requests a change in billing entity, the regulations set forth in 2.2.1, 6.8.2(D) and 7.2.4(D), preceding, will apply.

All other changes to existing arrangements will be treated as a discontinuance of the existing Expanded Interconnection arrangement and an installation of a new Expanded Interconnection arrangement. The nonrecurring charges described in 25.5.2 (A) (Nonrecurring Charges for Installation) will apply for this work activity.

(C) Vacant

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.2 Nonrecurring Charges (Cont'd)

(D) Nonrecurring Charge for Engineering Design

The engineering design charge provides for Telephone Company personnel to survey each requested location for availability of space for the placement of entrance cables as well as to determine floor space to physically place interconnector-designated equipment. The engineering design charge is applied on an initial and subsequent basis. The initial charge will apply to the interconnector's request for a virtual collocation arrangement or the addition of cable. The subsequent charge will apply to any requests to add capacity to an existing virtual collocation arrangement.

Payment for the engineering design charge must accompany each request for an expanded interconnection arrangement. Receipt of the engineering design charge by the Telephone Company will determine the order of priority of interconnector's requests. The engineering design charge is set forth in 25.5.7 (Rates and Charges).

(E) Additional Labor

Additional labor is that labor required of the Telephone Company solely because of the interconnector's designation of basic transmission equipment or because of the interconnector's operating practices or procedures. Additional labor may be for either engineer or for technician personnel. The Telephone Company will notify the interconnector that additional labor charges will apply before additional labor is undertaken. Additional labor charges apply on a first and additional basis for each half hour or fraction thereof. If more than one engineer or technician is involved in the same additional labor project, the total amount of time for all employees will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof" and "Each Additional Half Hour or Fraction Thereof" rate categories. Labor rates for engineering and technician additional labor are set forth in 25.5.7 (Rates and Charges).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.3 Monthly Recurring Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have thirty (30) days.

(A) Designated Equipment

Recurring rates for basic arrangements, array, and termination card are specific to the equipment and manufacturer specified by the interconnector. Recurring rates for dedicated equipment apply on a per unit of equipment basis (i.e., per arrangement, per array, or per card).

(B) Entrance Cable

Monthly recurring rates are specific to each subelement and are applied on a per entrance cable, per splice case and per riser tail basis.

(C) Interconnection Cross Connect

A monthly rate applies to each interconnection cross connect provided on a per capacity basis (i.e., per DS3 or per DS1).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.3 Monthly Recurring Rates (Cont'd)

(D) Nondesignated Conversion Arrangement

With the exception of the DS1 to Voice Grade nondesignated conversion arrangement associated with the switched transport connection, a monthly rate applies on a per arrangement basis.

For the DS1 to Voice Grade nondesignated conversion arrangement associated with the switched transport connection, a monthly rate applies on a per arrangement basis only when the nondesignated conversion arrangement is used to provide hubbing. Hubbing arrangements for Switched Access Service are described in 6.5.3 (Hubbing).

(E) Switched Transport Connection

A monthly rate applies to each switched transport connection provided on a per switched transport connection basis.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.3 Monthly Recurring Rates (Cont'd)

(F) Alarm Collection

(1) A monthly rate applies to each alarm collection device (ACD) on a per ACD basis, and to each alarm interface on a per alarm interface basis.

(2) A fixed monthly rate applies, per ACD Access Link, per mileage band, for each 2.4, 4.8, 9.6 or 56 kbps access link between an interconnector's IDE equipped with an ACD and the interconnector's IDE located at a different wire center not equipped with an ACD. In addition, a monthly rate per ACD Access Link, per mile, applies to each airline mile between an interconnector's IDE equipped with an ACD and the interconnector's IDE located at a different wire center not equipped with an ACD.

The mileage to be used to determine the monthly rate for the ACD Access Link is calculated on the airline distance between the locations involved, i.e., the Telephone Company central office where the interconnector's IDE equipped with a dedicated ACD is located and the Telephone Company central office where the interconnector's IDE is not equipped with an ACD.

Mileage is shown in terms of mileage bands as specified in 25.5.8 (Rate and Charges). To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4, then find the band into which the computed mileage falls and apply the rate shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

(G) Floor Space

A monthly rate applies per bay framework associated with a basic arrangement.

25.5.4 Minimum Period Charges

Expanded Interconnection is provided for a minimum period of one month. The charge for a month or fraction thereof is equal to the applicable minimum monthly charge for the capacity. Minimum period regulations are contained in 2.5.4 (Minimum Periods).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.5 Moves

A move involves one of the following:

- move of the entrance point of termination
- reconfiguration

(A) Move of the Entrance Cable Point of Termination

Moves of the entrance cable point of termination will be treated as a discontinuance and installation and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new arrangement and the interconnector shall be responsible for satisfying all outstanding minimum period charges for the discontinued arrangement.

(B) Reconfiguration

A reconfiguration is the move of a point of termination of Telephone Company-provided services onto or off of an interconnection cross connect. In order for a move to be considered a reconfiguration, services must move from or to a Telephone Company-provided service within the same Telephone Company location without the addition of either a conversion arrangement or a multiplexer. In addition, all services on the Telephone Company-provided facility or interconnection cross connect must move at the same time.

The types of reconfigurations that are available are the same as those available for Service Facility Move (SFM) as set forth in 6.8.10 (Moves), 7.2.7 (Moves) and 16.4.12 (Moves).

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.6 Shared Use

Interconnection cross connects can be provided as shared use. Shared use provides interconnection to both Switched Access Services and Special Access Services through the same interconnection cross connect. When provided as shared use, the interconnector must provide the Telephone Company with the number of channels interconnected to Switched Access Services. The Telephone Company will use the number of channels interconnected to Switched Access Services to apply percent intrastate usage (PIU) factors, as set forth in 2.4 (Jurisdictional Report Requirements). For purposes of PIU factor application, vacant channels (which represent spare capacity) are treated as special channels.

When the interconnection cross connect is provided as shared use and the interconnector does not furnish the Telephone Company with the channels used to interconnect with Switched Access Service, the Telephone Company will, for purposes of PIU factor application, designate all channels for the interconnection cross connect as special.

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges

	USOC	Monthly Rate	Nonrecurring Charge
(A) Alarm Collection			
(1) Alarm Collection Device			
(a) E2A Alarm Collection			
- Arrangement (1 per 16 serial ports)	**(CAYEA)**	$ 53.39	$ 9,734.00
- Termination Card (Discrete) (1 per 256 discrete ports)	(CAZEA)	$ 22.56	$ 4,378.40
(b) TL1 Alarm Collection			
- Arrangement (1 per 8 ports)	(CAYTA)	$116.33	$21,208.00
- Termination Card (Serial) (1 per 16 serial ports)	(CAZTA)	$ 21.51	$ 4,178.72
- Termination Card (Discrete) (1 per 256 discrete ports)	(CAZTB)	$ 22.22	$ 4,314.44
(2) Alarm Interface			
(a) NEC 14.4k Analog Application			
- Arrangement	(CADDA)	$ 31.72	$ 5,782.50
- Termination Card (1 per circuit with a maximum of 12 circuits)	(CAFDA)	$ 10.75	
first			$ 2,180.42
additional			$ 2,156.57

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
(A) Alarm Collection (Cont'd)			
(2) Alarm Interface (Cont'd)			
(b) Conklin 64 kbps Point-to-Point Application			
- Arrangement	(CADCA)	$ 10.99	$ 2,004.50
- Termination Card (1 per circuit with a maximum of 11 circuits)	(CAFCA)	$ 6.54	
first			$ 1,418.45
additional			$ 1,368.36
(c) GDC 64 kbps Point-to-Point Application			
- Arrangement	(CADGA)	$ 40.37	$ 7,361.50
- Termination Card (1 per circuit with a maximum of 16 circuits)	(CAFGA)	$ 9.81	
first			$ 2,036.88
additional			$ 1,975.31
(d) GDC Ethernet, Token Ring, Router Application			
- Arrangement	(CADGB)	$ 57.69	$10,519.00
- Termination Card (1 per circuit with a maximum of 7 circuits)	(CAFGB)	$ 21.72	
first			$ 4,218.76
additional			$ 4,115.19

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25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

(A) Alarm Collection (Cont'd)

	Monthly Rate		Nonrecurring
	Fixed	Per Mile	Charge
(3) ACD Access Link (XXXXX)			
2.4 kbps			$217.00
0 miles	See 7.3.9 (F) (2)		
Over 0 miles	See 7.3.9 (F) (2)		
4.8 kbps			$217.00
0 miles	See 7.3.9 (F) (2)		
Over 0 miles	See 7.3.9 (F) (2)		
9.6 kbps			$217.00
0 miles	See 7.3.9 (F) (2)		
Over 0 miles	See 7.3.9 (F) (2)		
56 kbps			$217.00
0 Miles	See 7.3.9 (F) (2)		
Over 0 miles	See 7.3.9 (F) (2)		

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

		USOC	Rate per Month	Nonrecurring Charge	
(B) Cable Vault Splice					
(per fiber spliced)		(SPISV)	$ 0.00	$ 22.00	
(C) Entrance Cable					
(1) Entrance Cable		(SP1EG)			
(per cable)			$ 13.09	$ 308.79	
(2) Splice Case		(SP1SP)			
(per splice case)			$ 3.86	$ 627.45	
(3) Riser Tail		(SP1RA)			
(per tail)			$ 59.84	$9,722.89	
(D) Floor Space		(xxxxx)			
(per bay framework)			$ 23.13	$ 0.00	
(E) Interconnection Cross Connect					
(per cross connect)					
(1) DS1	(SP1A1),(SP1B1)		$ 4.64	$ 118.00	
(2) DS3	(SP1A3),(SP1B3)		$ 37.06	$ 113.00	
(3) AT&T Switched Ethernet Service[SM]					(N)
- 1 Gigabit Ethernet		(OCLGX)	$ 0.47	$ 114.11	
- 10 Gigabit Ethernet		(OCLHX)	$ 0.47	$ 114.11	
(4) AT&T Dedicated Ethernet Service					
1 Gigabit Ethernet		(OCLGX)	$ 0.47	$ 178.99	
2.5 Gigabit – Optical Transport Unit 1 (OTU1)		(OCLAX)	$ 0.47	$ 178.99	
10 Gigabit Ethernet/Optical Transport Unit 2, 2e (OTU2/OTU2E)		(OCLHX)	$ 0.47	$ 178.99	
40 Gigabit Ethernet/Optical Transport Unit 3 (OTU3)		(OCLBX)	$ 0.47	$ 178.99	
100 Gigabit Ethernet/Optical Transport Unit 4(OUT4)		(OCLCX)	$ 0.47	$ 178.99	(N)
(F) Nondesignated Conversion Arrangement					
(per arrangement)					
(1) DS1 to Voice Grade	(MCOBS),(MCOBW)		$212.27	$ 0.00	
(2) DS1 to DS0	(MCOCS),(MC0CW)		$212.27	$ 0.00	
(3) DS3 to DS1	(MCOAS),(MC0AW)		$415.65	$ 202.00	
(G) Switched Transport Connection					
(per switched transport connection)		(CXCFX)	$ 3.50	$ 0.00	

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25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Rate per Month	Nonrecurring Charge
(H) Engineering Design Charge	(NRBCE)		
(1) Initial		$ 0.00	$1,006.00
(2) Subsequent		$ 0.00	$ 799.00
(I) Additional Labor			
(1) Engineer			
-First Half Hour or Fraction Thereof	(AEH)	$ 0.00	$ 29.62
-Each Additional Half Hour or Fraction Thereof	(AEH)	$ 0.00	$ 29.62
(2) Technician			
-First Half Hour or Fraction Thereof	(AEG)	$ 0.00	$ 19.87
-Each Additional Half Hour or Fraction Thereof	(AEG)	$ 0.00	$ 19.87

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Rate per Month	Nonrecurring Charge
(J) Reconfiguration			
-Special Access			
-Per DS1	(NRBRH)		See 7.4 (A)
-Per DS3	(NRBR3)		See 16.5.7 (I)
-Switched Transport			
-Entrance Facility			
-Per Voice Frequency facility moved to DS1 facility	(NRBKM)	$ 0.00	See 6.9.2 (F)
-Per DS1 facility moved to a DS1 facility	(NRBKN)	$ 0.00	See 6.9.2 (F)
-Per DS1 facility moved to a DS3 facility	(NRBKO)	$ 0.00	See 6.9.2 (F)
-Per DS3 facility moved to a DS3 facility	(NRBKP)	$ 0.00	See 6.9.2 (F)
-Direct Trunked Transport			
-Per Voice Frequency facility moved to DS1 facility	(NRBKQ)	$ 0.00	See 6.9.2 (F)
-Per DS1 facility moved to a DS1 facility	(NRBKR)	$ 0.00	See 6.9.2 (F)
-Per DS1 facility moved to a DS3 facility	(NRBKS)	$ 0.00	See 6.9.2 (F)
-Per DS3 facility moved to a DS3 facility	(NRBKT)	$ 0.00	See 6.9.2 (F)
-Tandem-Switched Transport			
-Per Voice Frequency facility moved to DS1 facility	(NRBKU)	$ 0.00	See 6.9.2 (F)
-Per DS1 facility moved to a DS1 facility	(NRBKV)	$ 0.00	See 6.9.2 (F)
-Per DS1 facility moved to a DS3 facility	(NRBKW)	$ 0.00	See 6.9.2 (F)
-Per DS3 facility moved to a DS3 facility	(NRBKX)	$ 0.00	See 6.9.2 (F)

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Nonrecurring Charge
(K) Training		
(1) Training Course and Materials -per day, per employee	(NRBK4)	$ 350.00
(2) Lodging -per day, per employee	(NRBK5)	$ 120.00
(3) Intercity Transportation -per employee	(NRBK6)	$ 530.00
(4) Local Transportation -per odometer mile, per employee	(NRBK7)	$ .50
(5) Per Diem -per employee	(NRBK8)	$ 38.00
(6) Airport Parking -per day, per employee	(NRBK9)	$ 6.00

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Rate per Month	Nonrecurring Charge
(L) Designated Equipment			
(1) AT&T			
(a) DDM2000 OC-3 (DS1/DS3 Service)			
-**Basic Arrangement**			
(504 DS1s or 18 DS3s, each)	(CVBAB)	$ 38.43	$ 7,007.00
-Primary Array			
(84 DS1s or 3 DS3s, each)			
-SONET Ring	(CVAAB)	$130.42	
initial 84 DS1s or 3 DS3s			$32,160.00
subsequent 84 DS1s or 3 DS3s			$21,490.00
-Terminal	(CVAAM)	$122.91	
initial 84 DS1s or 3 DS3s			$30,107.00
subsequent 84 DS1s or 3 DS3s			$20,122.00
-Secondary Array			
(28 DS1s, each)	(CVAAF)	$ 29.70	
initial 28 DS1s			$ 6,970.00
subsequent 28 DS1s			$ 5,415.00
(1 DS3, each)	(CVAAG)	$ 17.10	
initial DS3			$ 4,578.00
subsequent DS3			$ 3,118.00

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Rate per Month	Nonrecurring Charge
(L) Designated Equipment (Cont'd)			
(1) AT&T (Cont'd)			
(a) DDM2000 OC-3 (DS1/DS3 Service) (Cont'd)			
-Termination Cards			
-SONET Ring			
(4 DS1s, each)	(CVTAB)	$ 4.71	
first, 4 DS1s			$ 783.00
additional 4 DS1s			$ 770.00
-Terminal			
	(XXXXX)		
(4 DS1s, each		$ 4.71	
first 4 DS1s			$ 999.00
additional 4 DS1s			$ 983.00
-SONET Ring and Terminal			
(1 DS3, each)	(CVTAC)	$ 8.69	
first DS3			$1,619.00
additional DS3			$1,606.00

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25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Rate per Month	Nonrecurring Charge
(L) Designated Equipment (Cont'd)			
(1) AT&T (Cont'd)			
(b) DDM2000 OC-12 (DS3/OC-3 Service)			
-**Basic Arrangement**			
(48 DS3s or 16 OC-3s, each)	(CVBAC)	$ 38.56	$ 7,030.00
-Primary Array			
(12 DS3s or 4 OC-3s, each)			
-SONET Ring	(CVAAC)	$195.84	
-initial 12 DS3s or 4 OC-3s			$50,779.00
subsequent 12 DS3s or 4 OC-3s			$33,410.00
-Terminal	(CVAAO)	$175.56	
initial 12 DS3s or 4 OC-3s			$45,233.00
subsequent 12 DS3s or 4 OC-3s			$29,713.00
-Secondary Array			
(3 DS3s, each)	(CVAAH)	$ 25.95	
initial 3 DS3s			$ 7,139.00
subsequent 3 DS3s			$ 4,732.00
(1 OC-3, each)	(CVAAJ)	$ 30.38	
initial OC-3			$ 9,573.00
subsequent OC-3			$ 5,539.00
-Termination Cards			
(3 DS3s, each)	(CVTAD)	$ 13.88	
first 3 DS3s			$ 2,565.00
additional 3 DS3s			$ 2,553.00
(1 OC-3, each)	(CVTAE)	$ 23.10	
first OC-3			$ 4,246.00
additional OC-3			$ 4,233.00

ACCESS SERVICE

25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Rate per Month	Nonrecurring Charge
(L) Designated Equipment (Cont'd)			
(1) AT&T (Cont'd)			
(c) FT2000 OC-48 (DS3/OC-3 Service)			
-**Basic Arrangement**			
(48 DS3s or 8 OC-3s, each)	(CVBAD)	$185.26	$ 33,776.00
-Primary Array			
(48 DS3s or 8 OC-3s, each)	(CVAAD)	$583.88	
initial 48 DS3s or 8 OC-3s			$143,867.00
subsequent 48 DS3s or 8 OC-3s			$ 97,911.00
-Secondary Array			
(48 DS3s, each)	(CVAAK)	$125.76	
initial 48 DS3s			$ 29,153.00
subsequent 48 DS3s			$ 22,928.00
(1 OC-3, each)	(CVAAL)	$ 38.37	
initial OC-3			$ 13,202.00
subsequent OC-3			$ 6,996.00
-Termination Cards			
(3 DS3s, each)	(CVTAF)	$ 31.56	
first 3 DS3s			$ 5,789.00
additional 3 DS3s			$ 5,776.00
(1 OC-3, each)	(CVTAG)	$ 38.37	
first OC-3			$ 7,030.00
additional OC-3			$ 7,017.00

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25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Rate per Month	Nonrecurring Charge
(L) Designated Equipment (Cont'd)			
(2) FUJITSU			
(a) FLM150 OC-3 (DS1/DS3 Service)			
-**Basic Arrangement**			
(504 DS1s or 18 DS3s, each)	(CVBFA)	$ 20.96	$ 3,823.00
-Primary Array			
(84 DS1s or 3 DS3s, each)	(CVAFA)	$206.00	
initial 84 DS1s or 3 DS3s			$50,432.00
subsequent 84 DS1s or 3 DS3s			$34,958.00
-Secondary Array			
(28 DS1s, each)	(CVAFN)	$ 15.87	
initial 28 DS1s			$ 4,425.00
subsequent 28 DS1s			$ 2,895.00
(1 DS3, each)	(CVAFO)	$ 26.09	
initial DS3			$ 6,229.00
subsequent DS3			$ 4,758.00
-Termination Cards			
(4 DS1s, each)	(CVTFA)	$ 5.55	
first 4 DS1s			$ 1,168.00
additional 4 DS1s			$ 1,152.00
(1 DS3, each)	(CVTFB)	$ 8.64	
first DS3			$ 1,611.00
additional DS3			$ 1,598.00

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25. Expanded Interconnection (Cont'd)

25.5 Rate Regulation for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Rate per Month	Nonrecurring Charge
(L) Designated Equipment (Cont'd)			
(2) FUJITSU (Cont'd)			
(b) FLM600 OC-12 (DS3/OC-3 Service)			
-**Basic Arrangement**			
(72 DS3s or 24 OC-3s, each)	(CVBFB)	$ 20.07	$ 3,659.00
-Primary Array			
(12 DS3s or 4 OC-3s, each)	(CVAFD)	$248.45	
initial 12 DS3s or 4 OC-3s			$60,313.00
subsequent 12 DS3s or 4 OC-3s			$42,800.00
-Secondary Array			
(3 DS3s,each)	(CVAFP)	$ 29.09	
initial 3 DS3s			$ 7,539.00
subsequent 3 DS3s			$ 5,304.00
(1 OC-3,each)	(CVAFQ)	$ 37.33	
initial OC-3			$12,378.00
subsequent OC-3			$ 6,806.00
-Termination Cards			
(3 DS3s, each)	(CVTFC)	$14.96	
first 3 DS3s			$ 2,763.00
additional 3 DS3s			$ 2,750.00
		$19.76	
(1 OC-3, each)	(CVTFD)		
first OC-3			$ 3,637.00
additional OC-3			$ 3,624.00

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25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Rate per Month	Nonrecurring Charge
(L) Designated Equipment (Cont'd)			
(2) FUJITSU (Cont'd)			
(c) FLM2400 OC-48 (DS3/OC-3/OC-12 Service			
-**Basic Arrangement**			
(96 DS3s, 16 OC-3s or 8 OC-12s,each)	(CVBFC)	$ 17.88	$ 3,261.00
-Primary Array			
(48 DS3s, 16 OC-3s or 4 OC-12s, each)			
-SONET Ring	(CVAFG)	$616.94	
-initial 48 DS3s, 16 OC-3s or 4 OC-12s			$149,283.00
subsequent 48 DS3s or 16 OC-3s or 4 OC-12s			$104,673.00
-Terminal	(CVAFJ)	$613.54	
initial 48 DS3s,16 OC-3s or 4 OC-12s			$148,042.00
subsequent 48 DS3s, 16 OC-3s or 4 OC-12s			$104,052.00
-Secondary Array			
(24 DS3s, 4 OC-3s or 2 OC-12s, each	(CVAFR)	$ 84.22	
initial 24 DS3s, 4 OC-3s or 2 OC-12s			$ 17,458.00
subsequent 24 DS3s, 4 OC-3s or 2 OC-12s			$ 15,355.00

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25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

	USOC	Rate per Month	Nonrecurring Charge
(L) Designated Equipment (Cont'd)			
(2) FUJITSU (Cont'd)			
(c) FLM2400 OC-48(DS3/OC-3/OC-12 Service (Cont'd)			
-**Tertiary Array**			
(12 DS3s, each)	(CVAFU)	$ 58.09	
initial 12 DS3s			$16,855.00
subsequent 12 DS3s			$10,591.00
(4 OC-3s, each)	(XXXX)	$125.34	
initial 4 OC-3s			$31,294.00
subsequent 12 DS3s			$22,851.00
(1 OC-12, each)	(CVAFV)	$116.28	
initial OC-12			$33,338.00
subsequent OC-12			$21,201.00
-Termination Cards			
(3 DS3s, each)	(CVTFE)	$ 13.72	
first 3 DS3s			$ 2,537.00
additional 3 DS3s			$ 2,524.00
(1 OC-3, each)	(CVTFF)	$ 20.39	
first OC-3			$ 3,752.00
additional OC-3			$ 3,739.00
(1 OC-12, each)	(CVTFG)	$ 61.27	
first OC-12			$11,206.00
additional OC-12			$11,193.00

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25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

		USOC	Rate per Month	Nonrecurring Charge
	(L) Designated Equipment (Cont'd) **(3) NORTHERN TELECOM** **(a) S/DMS TRANSPORT NODE OC-48 (DS3/OC-12 Service)**			
	-**Basic Arrangement** (48 DS3s or 4 OC-12s, each)	(CVBNE)	$ 55.11	$ 10,048.00
	-Primary Array (48 DS3s or 4 OC-12s, each) **(1) Terminal 1310/1310 nm** initial 48 DS3s or 4 OC-12s subsequent 48 DS3s or 4 OC-12s **(2) Terminal 1310/1557 nm** initial 48 DS3s or 4 OC-12s subsequent 48 DS3s or 4 OC-12s	(XXXXX) (XXXXX)	$641.80 $698.48	 $159,691.00 $105,440.00 $198,811.00 $115,773.00

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25. Expanded Interconnection (Cont'd)

25.5 Rate Regulations for Virtual Collocation (Cont'd)

25.5.7 Rates and Charges (Cont'd)

(L) Designated Equipment (Cont'd)

		USOC	Rate per Month	Nonrecurring Charge
	-Secondary Array			
	(48 DS3S, each)	(CVANL)	$351.82	
	initial 48 DS3s			$ 70,356.00
	subsequent 48 DS3s			$ 64,143.00
	(1 OC-12, each)	(CVANM)	$ 68.49	
	initial OC-12			$ 21,114.00
	subsequent OC-12			$ 12,487.00
	-Tertiary Array			
	(24 DS3s, each)	(CVANN)	$ 9.76	
	initial 24 DS3s			$ 2,839.00
	subsequent 24 DS3s			$ 1,779.00
	-Termination Cards			
	(3 DS3s, each)	(CVTNE)	$ 22.42	
	first 3 DS3s			$ 4,122.00
	additional 3 DS3s			$ 4,109.00
	(1 OC-12, each)	(CVTNF)	$ 61.56	
	first OC-12			$ 11,257.00
	additional OC-12			$ 11,245.00