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 Dallas, Texas  
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ACCESS SERVICE TARIFF  
 Section: 25  
 Sheet: 1  
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**EXPANDED INTERCONNECTION**

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## EXPANDED INTERCONNECTION

### 25.1 General Description

Regulations contained in Sections 2 and 5 of this tariff that apply to customers also apply to interconnectors using Virtual Collocation. A description of the rate categories applicable to Virtual Collocation when the designated telecommunications equipment is provided by SWBT, 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) and 25.8 (Rate Regulations for Virtual Collocation in CEVs, Huts and Cabinets). A description of the rate categories applicable to Virtual Collocation when the telecommunications equipment is provided by the Collocator, how those rate categories are applied and other specific recurring and nonrecurring charges that may also apply can be found in Section 26 of the Access Service Tariff. SWBT 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).

#### 25.1.1 Expanded Interconnection

Expanded Interconnection refers to interconnection between certain SWBT- provided intrastate access services and the facilities of an interconnector. Expanded Interconnection is generally available through virtual collocation which is described in greater detail in 25.2 (Virtual Collocation).

Expanded Interconnection to the following types of SWBT-provided intrastate services will be provided in SWBT wire centers:

- Switched Transport (DS1 and DS3 level Entrance Facilities and Direct Trunked Transport) (See footnote 1)
- Direct Transport (DS1 and DS3 -level Entrance Facilities and Direct Trunked Transport) (See footnote 1)
- High Capacity Service (1.544 Mbps, 44.736 Mbps)

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

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

SWBT will file tariff revisions proposing virtual collocation for expanded interconnection to any other generally available SWBT-provided Switched Access or Special Access Service or wire centers upon receipt of a bona fide request for such interconnection. These tariff revisions will be filed 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).

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**EXPANDED INTERCONNECTION**

**25.1 General Description** (Cont=d)

**25.1.2 Federal Telecommunications Act of 1996**

SWBT also provides virtual collocation (25.2) for interconnection to SWBT for the transmission and routing of telephone exchange service and exchange access pursuant to 47 U.S.C. '251(c)(2), and for access to SWBT=s unbundled network elements pursuant to 47 U.S.C. '251(c)(3).

The use of virtual collocation for (1) interconnection to SWBT or (2) access to SWBT=s unbundled network elements, in either case pursuant to 47 U.S.C. '251(c), is available at SWBT wire centers as specified in the National Exchange Carrier Association, Inc., Tariff FCC No. 4, and in SWBT CEVs, Huts or Cabinets in accordance with 25.7 (Virtual Collocation in CEVs, Huts and Cabinets). Upon request, SWBT will provide a listing of potential locations of SWBT CEVs, Huts or Cabinets.

**25.2 Virtual Collocation**

Virtual Collocation provides a transmission path between an interconnector's SWBT-specified demarcation point and SWBT=s network for the purposes of Section 25.1. The transmission path provided may include telecommunications equipment dedicated to the interconnector's use as well as facilities common to the use of all customers. The interconnector can designate certain telecommunications equipment that will be dedicated to its use; however, SWBT will provide and exercise exclusive physical control over any equipment deployed 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).

As set forth in Section 25.1, Virtual Collocation in the Central Office is available for interconnection with:

- SWBT provided Special Access Services and Switched Access Services in end offices and serving wire centers, and
- SWBT provided Special Access at remote nodes that are used as rating points for Special Access.

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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont=d)

- SWBT 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 or originate and terminate switched traffic.
- SWBT provided unbundled network elements. (SWBT will provide access to unbundled network elements via an interconnection agreement.)
- SWBT for the transmission and routing of telephone exchange service and exchange access.

As set forth in Section 25.1, Virtual Collocation for CEVs, Huts and Cabinets is available for interconnection with:

- SWBT provided unbundled network elements. (SWBT will provide access to unbundled network elements via an interconnection agreement.)

Virtual Collocation is available for the direct connection of one interconnector-provided facility to a different interconnector-provided facility within the same SWBT wire center, CEV, Hut or Cabinet provided that each virtual collocation arrangement is first and also being used to interconnect to SWBT for the transmission and routing of telephone exchange service and exchange access or SWBT-provided unbundled network elements, as the case may be.

SWBT will provide Virtual Collocation for comparable basic transmission equipment as it provides to itself in the central office.

This tariff's availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 12879.

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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont'd)

Virtual Collocation must be made in accordance with the provisions specified in SWBT's Technical Publication applicable to Virtual Collocation.

**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 SWBT 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 SWBT in the same manner that SWBT 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).

SWBT 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.

SWBT 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, interconnection will only be provided to those intrastate Switched Access and Special Access Services offered by SWBT and for access to SWBT's unbundled network elements, and for the transmission and routing of local exchange service and exchange access between SWBT and the interconnector, all as described in other sections of this tariff or applicable interconnection agreements. Those intrastate access services to which Expanded Interconnection is available are listed in 25.1 (General).

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 12879.

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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont'd)

**25.2.1 Provisioning** (Cont'd)

**(A) General** (Cont'd)

If an interconnector requests interconnection to an intrastate access service, unbundled network element or local exchange service or exchange access that is not provided at the location specified by the Interconnector, SWBT is under no obligation to provide interconnection or virtual collocation at that location nor to make such service, unbundled network element, local exchange or exchange access available. If such does become available in the specified location subsequent to the interconnector's request, SWBT 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 Virtual Collocation, such as Service Date Change Charges and Cancellation Charges.

SWBT is required to provide expanded interconnection to another local exchange carrier pursuant to Substantive Rule 23.92(j) and the requirements of subsections (c) and (d) of the Rule, (which are Expanded Interconnection for Special Access and Private Line Services and Expanded Interconnection for Switched Transport Services, respectively) only if the local exchange carrier agrees to provide expanded interconnection, in a like manner, to SWBT.

**(B) Entrance Cable**

Interconnectors requesting Virtual Collocation in a SWBT wire center may bring a maximum of two single mode dielectric fiber optic cables to the demarcation point specified by SWBT. 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 SWBT's Technical Publication applicable to Virtual Collocation.

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

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 12879.



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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont'd)

**25.2.1 Provisioning** (Cont'd)

**(B) Entrance Cable** (Cont'd)

SWBT 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 SWBT's Technical Publication for Expanded Interconnection.

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

SWBT 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 interconnector-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 SWBT, the interconnector must provide a replacement length of unbroken cable that is spliced on the interconnector's side of the demarcation point.

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**EXPANDED INTERCONNECTION**

**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 SWBT 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 SWBT cable facilities already deployed, SWBT 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 SWBT to ensure that the entrance cable is installed in accordance with the request.

**(C) Designation of Dedicated Equipment**

- (1) Telecommunications 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 SWBT in the provisioning of its services.
- (2) The interconnector can designate for placement in SWBT'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 circumstances.

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**EXPANDED INTERCONNECTION**

**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 SWBT. Such use is subject to the further provisions that the equipment selected by the interconnector does not endanger the safety of SWBT employees or the public; damage, harm, require change in or alteration of the equipment or other services of SWBT; interfere with the proper operation of SWBT equipment; or otherwise injure the public in its use of SWBT's services. Upon notice from SWBT 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 SWBT's network, SWBT 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 SWBT must take steps to remove or prevent such hazard, additional labor, as described in 25.5.2(E) (Additional Labor) will apply.
- (4) If the interconnector requests the installation of basic transmission equipment in the central office not provided for by SWBT's tariff, and such equipment is in compliance with (1), (2), and (3) preceding, SWBT 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).

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**EXPANDED INTERCONNECTION**

**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, SWBT 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 SWBT.
- (6) When the interconnector designates basic transmission equipment not used by SWBT in its network (nonstandard equipment), SWBT will obtain vendor equipment documentation. SWBT will review 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(E) (Additional Labor).
- (7) Interconnector designated equipment that fails will be replaced by the SWBT, 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 SWBT, additional labor will apply for the removal of the equipment from SWBT's network. Additional Labor is described in 25.5.2(E) (Additional Labor). The interconnector will be notified and provided with an estimate of the additional labor charges involved.

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**EXPANDED INTERCONNECTION**

**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.

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

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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont'd)

**25.2.1 Provisioning** (Cont'd)

**(D) Interconnection Cross Connect** (Cont'd)

Interconnection cross connects are provided only when they can be connected to a SWBT-provided service or to a switched transport connection. The SWBT-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.

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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont'd)

**25.2.1 Provisioning** (Cont'd)

**(E) Conversion Arrangement** (Cont'd)

Nondesignated conversion arrangements are specified and provided by SWBT 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 SWBT 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 SWBT's hub locations and the types of nondesignated conversion arrangements (referred to as multiplexing) that are available at each location.

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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont'd)

**25.2.2 Training**

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

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

If the interconnector does not have SWBT 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 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 SWBT employee training.

SWBT will work cooperatively with the interconnector to schedule SWBT 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 SWBT personnel time required to coordinate training activities with the interconnector. The interconnector will be responsible for reimbursement of SWBT 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(K) (Training) will be assessed to the interconnector.

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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont'd)

**25.2.3 Acceptance Testing**

Where Virtual Collocation is provided in a SWBT wire center, at no additional charge, SWBT will perform, upon request of the interconnector, a joint acceptance test of the high speed optical (SONET or asynchronous) equipment. These tests may 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)

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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont'd)

**25.2.5 Third Party Vendor**

**(A) General**

SWBT 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**

SWBT 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 and Special Access Services. If the interconnector requests identification of the installing party, SWBT will provide the name of the party doing the installation.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 12879.

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**EXPANDED INTERCONNECTION**

**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 SWBT central office, CEV, Hut or Cabinet where SWBT has sufficient experience in maintaining and repairing such equipment, SWBT will perform all maintenance and repair activities on the interconnector's designated equipment in that central office, CEV, Hut or Cabinet as the case may be. Such maintenance and repair activities will be done in the same manner as they are done for comparable equipment used to provision SWBT'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 SWBT central office, CEV, Hut or Cabinet where SWBT does not have sufficient experience in maintaining and repairing such equipment in that location, SWBT 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 SWBT's personnel in any given location 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 SWBT's Switched Access and Special Access Services that are also provided in that central office.

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**EXPANDED INTERCONNECTION**

**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 SWBT into its cable vault for splicing into a riser tail fiber termination shelf assembly.

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

SWBT 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 SWBT equipment or facilities that are not dedicated to the interconnector.

SWBT 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 SWBT 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 SWBT 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(E) (Additional Labor) will apply.

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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont'd)

**25.2.6 Maintenance and Operation Management** (Cont'd)

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

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

- SWBT, 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 SWBT, will provide trouble report status for the services and facilities it has connected to SWBT's Expanded Interconnection.

Nothing in the tariffs or contracts of either SWBT 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 SWBT and interconnector.

The responsibility of SWBT 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, SWBT 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.

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**EXPANDED INTERCONNECTION**

**25.2 Virtual Collocation** (Cont'd)

**25.2.6 Maintenance and Operation Management** (Cont'd)

The interconnector must perform alarm monitoring and control functions from a remote location that allow 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.

Alarm monitoring functions are performed by an alarm collection device (ACD) located at the SWBT wire center. An ACD which the interconnector must obtain under this tariff, 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 arrangement 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.

Subject to technical feasibility and operational practicality, SWBT 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.

To perform control functions, the interconnector may gain access to the IDE at the SWBT 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 SWBT'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 SWBT's Technical Publication for Expanded Interconnection.

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

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**EXPANDED INTERCONNECTION**

**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). Rates and charges for such ICBs will be set forth in 25.6 (Individual Case Filings).

**25.4 Fresh Look**

Fresh Look is a limited offering of SWBT and is available only to customers of Special Access High Capacity intrastate services (non-shared use arrangements only) who request to exit certain Term Pricing Plans and billing periods in order to accept new arrangements. These new arrangements may include longer or shorter term Term Pricing Plans or billing periods provided by SWBT. The Term Pricing 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. Term Pricing Plans for Special Access High Capacity Service are set forth in 7.2.22 (High Capacity Term Pricing Plan).

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**EXPANDED INTERCONNECTION**

**25.4 Fresh Look** (Cont'd)

Where available, Fresh Look provides for different termination liabilities than those set forth in 7.2.22(D) (Rate Applications) for Special Access High Capacity Service Term Pricing Plans. Special Construction charges and liabilities are not included in Fresh Look.

Fresh Look is available only in those wire centers in 25.7 (Fresh Look Schedule) where expiration dates are noted. As noted in 25.7, 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 service covered.

Until Fresh Look has been initiated for both shared use and non-shared use arrangements, the interconnector is responsible for notifying SWBT, 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. SWBT will initiate a Fresh Look period for non-shared use (Special Access) when the interconnector provides notification that the requested activity involves interconnection to a Special Access Service. SWBT will activate a Fresh Look period for both shared use and non-shared use when the interconnector either fails to notify SWBT of the use of requested activity or notifies SWBT that the requested activity involves interconnection to Switches Access. Shared use arrangements are set forth in 6.6.12 (Shared Use) and 7.2.10 (Shared Use).

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 12879.



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**EXPANDED INTERCONNECTION**

**25.4 Fresh Look** (Cont'd)

In order for the Fresh Look termination liabilities to apply to requests to terminate existing Term Pricing Plans or billing periods, customers must notify SWBT of their specific intent to terminate Term Pricing Plans and billing periods in order to take different arrangements under Fresh Look. Such notification must be in writing and be received by SWBT'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 SWBT'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 Term Pricing Plan(s) or billing period(s) as follows:

- If the customer is terminating a Term Pricing Plan or billing period in order to accept a different SWBT Term Pricing Plan or Billing Period, the customer must terminate the existing arrangement within ninety days of making the notification.
- If the customer is terminating a Term Pricing 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 a Term Pricing 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 SWBT 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.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 12879.

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**EXPANDED INTERCONNECTION**

**25.4 Fresh Look** (Cont'd)

- For purposes of Fresh Look consideration, interconnectors are deemed to be operational when SWBT 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 Term Pricing Plan or billing period for any reason other than to take a different SWBT Term Pricing 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 a Term Pricing 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 SWBT, the charges for the service used will be calculated at the rates applicable at the time the Term Pricing 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.

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**EXPANDED INTERCONNECTION**

**25.4 Fresh Look** (Cont'd)

Fresh Look Schedule

<u>Wire Center</u>	<u>Fresh Look Expiration Date</u>	
	<u>Shared Use</u>	<u>Non Shared Use</u>
DLLSTXAD	10/26/94	10/26/94
DLLSTXFB	02/15/95	02/15/95
DLLSTXRI	01/24/95	08/09/94
DLLSTXRN	08/27/95	08/27/95
ELPSTXMA	07/09/96	07/09/96
FTWOTXED	05/01/96	05/01/96
HSTNTXCL	05/16/95	05/16/95
HSTNTXGP	11/20/94	11/20/94
HSTNTXNA	06/10/95	06/10/95
LBCKTXPS	02/19/95	02/19/95

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**EXPANDED INTERCONNECTION**

**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) and 25.6 (Individual Case Filings). 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.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 12879.

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation** (Cont'd)

**25.5.1 Rate Elements** (Cont'd)

**(A) Alarm Collection** (Cont'd)

(2) Alarm Interface

This rate element provides two 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.

(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 SWBT's wire center cable vault.

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation** (Cont'd)

**25.5.1 Rate Elements** (Cont'd)

**(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.

Expanded interconnection is offered under protest. Its availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 12879.

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**EXPANDED INTERCONNECTION**

**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.

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**EXPANDED INTERCONNECTION**

**25.5 Rate 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 SWBT-designated personnel to pull the interconnector-provided fiber optic cable into SWBT'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 Virtual Collocation.

(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.

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**EXPANDED INTERCONNECTION**

**25.5 Rate 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 SWBT-provided service to an interconnection arrangement.

The interconnection cross connect can be provided at the following levels: DS3 (44.736 Mbps), DS1 (1.544 Mbps), Digital Link (2.4, 4.8, 9.6, and 56.0 kbps), Voice Grade (2-wire and 4-wire) and Metallic.

**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 a 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.

Expanded interconnection is offered under protest. It's availability is subject in all respects to the Stipulation and Agreement entered into in Docket No. 13990.

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**EXPANDED INTERCONNECTION**

**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 SWBT's distribution (DSX) bay to a single SWBT analog or digital switch that is located within the same wire center as the interconnector's Expanded Interconnection arrangement.

When switched transport connection is provided to an analog office, a DS1 to Voice Grade nondesignated conversion arrangement will be provided as set for 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 SWBT, within a wire center, for the placement of the interconnector designated equipment.

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**EXPANDED INTERCONNECTION**

**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. SWBT will not complete any orders for interconnection cross connects until SWBT 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. Nonrecoverable costs include the non-recoverable costs of equipment and material ordered, provided or used, plus the nonrecoverable costs of installation and removal including the costs of equipment and material ordered, provided or used, labor, transportation 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.

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

**25.5.2 Nonrecurring Charges (Cont'd)**

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

(2) Designated Equipment

Nonrecurring charges for basic arrangements, primary, secondary and tertiary arrays, and termination cards 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.

(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 and nondesignated conversion arrangement associated with the switched transport connection, a nonrecurring charge applies on a per arrangement basis.

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation** (Cont'd)

**25.5.2 Nonrecurring Charges** (Cont'd)

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

(6) Switched Transport Connection

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

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 (7) preceding.

(c) ACD Access Link

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

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**EXPANDED INTERCONNECTION**

**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 and 7.2.4(D) 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)** (Reserved for Future Use)

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**EXPANDED INTERCONNECTION**

**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 SWBT 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 SWBT 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 SWBT 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. SWBT 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).

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation** (Cont'd)

**25.5.2 Nonrecurring Charges** (Cont'd)

**(F) Optional Allocation of Nonrecurring Charges for Designated Equipment**

- (1) At the interconnector's option, nonrecurring charges for Designated Equipment may be repaid over a period of 12, 24, 36, or 48 months. The resulting allocated charge will be accompanied by a "carrying charge" based on the average prime commercial paper rate in effect at the time of the interconnector's order, as set forth in PUC Subst. R. '23.45 (g). This option is in lieu of the 50/50 requirement of paragraph 25.5.2(A) with respect to Designated Equipment nonrecurring charges.
- (2) In no case will the present value of the allocated nonrecurring charge exceed the one-time, tariffed nonrecurring charge for Designated Equipment at the time of the interconnector's order. Unless otherwise ordered by the Commission, the allocated nonrecurring charge billed to the interconnector will not change over the agreed-upon term.
- (3) The allocated nonrecurring charge will be billed in addition to the applicable recurring monthly charge. In the event the interconnector terminates service prior to the agreed-upon term, all remaining allocated nonrecurring charges shall accelerate and become immediately due and payable.

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**EXPANDED INTERCONNECTION**

**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, arrays, and termination cards 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).

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**EXPANDED INTERCONNECTION**

**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 arrangements associated with the switched transport connection, a monthly rate applies on a per arrangement basis.

**(E) Switched Transport Connection**

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

**(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 SWBT central office where the interconnector's IDE equipped with a dedicated ACD is located and the SWBT central office where the interconnector's IDE is not equipped with an ACD.

Mileage is shown in terms of mileage bands as specified in 25.5.7(A). 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.

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

**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).

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

**25.5.5 Moves**

A move involves one of the following:

- move of the entrance cable 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 SWBT-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 SWBT-provided service within the same SWBT location without the addition of either a conversion arrangement or a multiplexer. In addition, all services on the SWBT-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 Rollovers as set forth in 7.2.7 (Moves).

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**EXPANDED INTERCONNECTION**

**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 interconnect cross connect. When provided as shared use, the interconnector must provide SWBT with the number of channels interconnected to Switched Access Services. SWBT will use the number of channels interconnected to Switched Access Services to apply percent interstate 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 SWBT with the channels used to interconnect with Switched Access Service, SWBT will, for purposes of PIU factor application, designate all channels for the interconnection cross connect as special.

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

**25.5.7 Rates and Charges**

All rates and charges contained in this section are applicable to Texas. The applicable FIDs or USOCs are included where appropriate.

Nonrecurring		Monthly	
	<u>USOC</u>	<u>Rate</u>	<u>Charge</u>
<b>(A) <u>Alarm Collection</u></b>			
(1) <u>Alarm Collection Device</u>			
(a) E2A Alarm Collection			
- Arrangement	(CAYEA)	\$ 57.66	\$ 10,512.72
(1 per 16 serial ports)			
- Termination Card			
(Discrete)	(CAYEA)	24.36	4,728.67
(1 per 256 discrete ports)			
(b) TL1 Alarm Collection			
- Arrangement	(CAYTA)	125.64	22,904.64
(1 per 8 ports)			
- Termination Card			
(Serial)	(CAZTA)	23.23	4,513.02
(1 per 16 serial ports)			
- Termination Card			
(Discrete)	(CAZTB)	24.00	4,659.60
(1 per 256 discrete ports)			
(2) <u>Alarm Interface</u>			

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

		Rate	Per
	Nonrecurring		
<b>25.5.7</b>	<b><u>Rates and Charges</u></b> (Cont'd)	<u>USOC</u>	<u>Month</u>
			<u>Charge</u>

**(A) Alarm Collection (Cont'd)**

(2) Alarm Interface (Cont'd)

	(b) Conklin 64 kbps Point-to-Point Application		
	- Arrangement (CADCA)	\$ 11.87	\$ 2,164.86
	- Termination Card (CAFCA)	7.06	
	(1 per circuit with a maximum of 11 circuits)		
	first		1,531.93
	additional		1,477.83
	(c) GDC 64 kbps Point-to-Point Application		
	- Arrangement (CADGA)	43.60	7,950.42
	- Termination Card (CAFGA)	10.59	
	(1 per circuit with a maximum of 16 circuits)		
	first		2,199.83
	additional		2,133.33

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**EXPANDED INTERCONNECTION**

**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 Charge
	<u>Fixed</u>	<u>Per Mile</u>	
(3) <u>ACD Access Link</u> (XXXX)			
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)		

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation** (Cont'd)

Nonrecurring	Rate	Per
<b>25.5.7 <u>Rates and Charges</u></b> (Cont'd)	<u>USOC</u>	<u>Month</u>
<u>Charge</u>		<u>Charge</u>
<p><b>(B) <u>Cable Vault Splice</u></b>            (per fiber spliced)</p>	<p>(SPISV)</p>	<p>\$ 0.00      \$ 23.76</p>
<p><b>(C) <u>Entrance Cable</u></b></p>		
<p>(1) <u>Entrance Cable</u>            (per cable)</p>	<p>(SP1EG)</p>	<p>14.14      333.49</p>
<p>(2) <u>Splice Cable</u>            (per splice case)</p>	<p>(SP1SP)</p>	<p>4.17      677.65</p>
<p>(3) <u>Riser Tail</u>            (per tail)</p>	<p>(SP1RA)</p>	<p>64.63      10,500.72</p>
<p><b>(D) <u>Floor Space</u></b>            (per bay framework)</p>	<p>(XXXXX)</p>	<p>23.13      0.00</p>

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation (cont'd)**

**25.5.7 Rates and Charges (cont'd)**

	USOC	Rate Per Month	Nonrecurring Charge
<b>E. <u>Interconnection Cross Connect</u> (per cross connect)</b>			
1. DS1	(SP1A1,SP1B1)	\$ 5.01	\$135.00
2. DS3	(SP1A3,SP1B3)	40.02	135.00
3. <u>Digital Link</u>			
2.4 kbps	XXXX	23.15	247.64
4.8 kbps	XXXX	23.15	247.64
9.6 kbps	XXXX	23.15	247.64
56 kbps	XXXX	23.15	247.64
4. (Reserved for future use)			
5. <u>Voice Grade</u>			
2-wire	XXXX	2.31	177.37
4-wire	XXXX	4.59	177.37
6. <u>Telegraph Grade</u>			
2-wire	XXXX	2.31	169.30
4-wire	XXXX	2.81	169.30
7. Metallic	XXXX	2.31	154.46
<b>F. <u>Nondesignated Conversion Arrangement</u> (per arrangement)</b>			
1. DS1 to Voice Grade	(MCOBS,MCOBW)	229.25	0.00
2. DS1 to DS0	(MCOCS,MCOCW)	229.25	0.00
3. DS3 to DS1	(MCOAS,MCOAW)	448.90	218.16
<b>G. <u>Switched Transport Connection</u> (per switched transport connection)</b>			
	(CXCFX)	3.78{1}	0.00

{1} SWBT cannot provide this service until the Public Utility Commission of Texas approves tariffs filed in compliance with Subst. Rule 23.23.(d) as amended.

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**EXPANDED INTERCONNECTION**

**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

<b>25.5.7 <u>Rates and Charges</u> (Cont'd)</b>	<u>USOC</u>	<u>Rate Per Month</u>	<u>Nonrecurring Charge</u>
<b>(H) <u>Engineering Design Charge</u></b>	(NRBCE)		
(1) Initial		\$ 0.00	\$ 429.84
(2) Subsequent		0.00	799.00
<b>(I) <u>Additional Labor</u></b>			
(1) Engineer			
- First Half Hour of Fraction Thereof	(AEH)	0.00	31.99
- Each Additional Half Hour or Fraction Thereof	(AEH)	0.00	31.99
(2) Technician			
- First Half Hour or Fraction Thereof	(AEG)	0.00	21.46
- Each Additional Half Hour of Fraction Thereof	(AEG)	0.00	21.46

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**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

**25.5.7 Rates and Charges (Cont'd)**

Nonrecurring	<u>USOC</u>	Rate <u>Month</u>	Per <u>Charge</u>
<b>(J) <u>Reconfiguration</u></b>			
- Special Access			
- per DS1	(NRBRH)		
- first circuit		\$ 0.00	\$ 211.00
- add'l circuit		0.00	177.00
- per DS3	(NRBR3)		
- first circuit		0.00	135.00
- add'l circuit		0.00	104.00
- Switched Transport			

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**25.5 Rate Regulations for Virtual Collocation** (Cont'd)

**25.5.7 Rates and Charges** (Cont'd)

		Rate	Per
	<u>USOC</u>	<u>Month</u>	<u>Charge</u>
Nonrecurring			
<b>(J) <u>Reconfiguration</u></b>			
- Switched Transport			

Applicable charges for Rollovers are in the Access Service Tariff in Section 6.9.2(G).

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**25.5 Rate Regulations for Virtual Collocation** (Cont'd)

**25.5.7 Rates and Charges** (Cont'd)

ing	(K)	<u>Training</u>	<u>USOC</u>	<u>Nonrecurr</u> <u>Charge</u>
	(1)	Training course and Materials - per day, per employee	(NRBK4)	\$ 378.00
	(2)	Lodging (NRBK5) - per day, per employee		129.60
	(3)	Intercity Transportation - per employee	(NRBK6)	572.40
	(4)	Local Transportation - per odometer mile, per employee	(NRBK7)	.54
	(5)	Per Diem - per employee	(NRBK8)	41.04
	(6)	Airport Parking - per day, per employee	(NRBK9)	6.48

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**25.5 Rate Regulations for Virtual Collocation** (Cont'd)

25.5.7	Nonrecurring <u>Rates and Charges</u> (Cont'd)	USOC	Rate Month	per Charge
	<b>(L) <u>Designated Equipment</u></b>			
	(1) AT&T			
	(a) DDM2000 OC-3 (DS1/DS3 Service)			
	- Basic Arrangement			
	(504 DS1s or 18 DS3s, each)	(CVBAB)	\$ 11.29	\$ 1,833.45
	- Primary Array			
	(84 DS1s or 3 DS3s, each)			
	- SONET Ring	(CVAAB)	216.67	
	initial 84 DS1s or 3 DS3s			35,207.14
	subsequent 84 DS1s or 3 DS3s			21,490.00
	- Terminal	(CVAAM)	199.52	
	initial 84 DS1s or 3 DS3s			32,419.40
	subsequent 84 DS1s or 3 DS3s			20,122.00
	- Secondary Array			
	(28 DS1s, each)	(CVAAF)	36.93	
	initial 28 DS1s			5,999.83
	subsequent 28 DS1s			5,415.00
	(1 DS3, each)	(CVAAG)	19.94	
	initial DS3			3,240.52
	subsequent DS3			3,118.00

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**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

25.5.7	Nonrecurring <u>Rates and Charges</u> (Cont'd)	<u>USOC</u>	<u>Rate</u> Month	<u>per</u> Charge
	<b>(L) <u>Designated Equipment</u></b> (Cont'd)			
	(1) AT&T (Cont'd)			
	(a) DDM2000 OC-3 (DS1/DS3 Service) (Cont'd)			
	- Termination Cards			
	- SONET Ring			
	(4 DS1s, each)	(CVTAB)	\$ 6.08	\$
	first 4 DS1s			827.90
	additional 4 DS1s			813.68
	- Terminal			
	(4 DS1s, each)	(XXXXX)	6.08	
	first 4 DS1s			1,056.89
	additional 4 DS1s			1,038.74
	- SONET Ring and Terminal			
	(1 DS3, each)	(CVTAC)	11.15	
	first DS3			1,909.59
	additional DS3			1,886.75

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**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

Nonrecurring		Rate		per
25.5.7	<u>Rates and Charges</u> (Cont'd)	<u>USOC</u>	<u>Month</u>	<u>Charge</u>
<b>(L) Designated Equipment (Cont'd)</b>				
	(1) AT&T (Cont'd)			
	(b) DDM2000 OC-12 (DS1/OC-3 Service)			
	- Basic Arrangement			
	(48 DS3s or 16 OC-3s, each)	(CVBAC)	\$ 11.32	\$ 1,839.54
	- Primary Array			
	(12 DS3s or 4 OC-3s, each)			
	- SONET Ring	(CVAAC)	343.87	
	initial 12 DS3s or 4 OC-3s			55,876.10
	subsequent 12 DS3s or 4 OC-3s			33,410.00
	- Terminal	(CVAA0)	307.91	
	initial 12 DS3s or 4 OC-3s			50,032.10
	subsequent 12 DS3s or 4 OC-3s			29,713.00
	- Secondary Array			
	(3 DS3s, each)	(CVAAH)	52.54	
	initial 3 DS3s			8,538.34
	subsequent 3 DS3s			4,732.00
	(1 OC-3, each)	(CVAAJ)	40.52	
	initial OC-3			6,585.09
	subsequent OC-3			5,539.00
	- Termination Cards			
	(3 DS3s, each)	(CVTAD)	36.77	
	first 3 DS3s			6,073.94
	additional 3 DS3s			6,051.61
	(1 OC-3, each)	(CVTAE)	30.82	
	first OC-3			5,105.95
	additional OC-3			5,083.61

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**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

Nonrecurring		Rate	per	
25.5.7	<u>Rates and Charges</u> (Cont'd)	<u>USOC</u>	<u>Month</u>	<u>Charge</u>
<b>(L) <u>Designated Equipment</u> (Cont'd)</b>				
(1) AT&T (Cont'd)				
(c) FT2000 OC-48 (DS3/OC-3 Service)				
- Basic Arrangement				
	(48 DS3s or 8 OC-3s, each)	(CVBAD)	\$ 193.62	\$ 31,462.57
- Primary Array				
	(48 DS3s or 8 OC-3s, each)	(CVAAD)	439.28	
	initial 48 DS3s or 8 OC-3s			71,378.20
	subsequent 48 DS3s or 8 OC-3s			97,911.00
- Secondary Array				
	(48 DS3s, each)	(CVAAK)	81.80	
	initial 48 DS3s			13,291.51
	subsequent 48 DS3s			22,928.00
	(1 OC-3, each)	(CVAAL)	59.99	
	initial OC-3			9,748.97
	subsequent OC-3			6,996.00
- Termination Cards				
	(3 Ds3s, each)	(CVTAF)	42.97	
	first 3 DS3s			7,081.53
	additional 3 DS3s			7,058.69
	(1 OC-3, each)	(CVTAG)	47.41	
	first OC-3			7,802.83
	additional OC-3			7,779.99

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**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

Nonrecurring			Rate	per
25.5.7	<u>Rates and Charges</u> (Cont'd)	USOC	Month	Charge
	<b>(L) <u>Designated Equipment</u></b> (Cont'd)			
	(2) FUJITSU			
	(a) FLM150 OC-3 (DS1/DS3 Service)			
	- Basic Arrangement			
	(504 DS1s or 18 DS3s, each)	(CVBFA)	\$ 10.81	\$ 1,757.31
	- Primary Array			
	(84 DS1s or 3 DS3s, each)	(CVAFA)	308.07	
	initial 84 DS1s or 3 DS3s			61,758.68
	subsequent 84 DS1s or 3 DS3s			34,958.00
	- Secondary Array			
	(28 DS1s, each)	(CVAFN)	23.72	
	initial 28 DS1s			3,854.71
	subsequent 28 DS1s			2,895.00
	(1 DS3, each)	(CVAFO)	15.65	
	initial DS3			2,542.57
	subsequent DS3			4,758.00
	- Termination Cards			
	(4 DS1s, each)	(CVTFA)	10.90	
	first 4 DS1s			1,896.05
	additional 4 DS1s			1,866.89
	(1 DS3, each)	(CVTFB)	11.24	
	first DS3			1,924.31
	additional DS3			1,901.47

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**25.5 Rate Regulations for Virtual Collocation** (Cont'd)

25.5.7	<u>Rates and Charges</u> (Cont'd)	<u>USOC</u>	<u>Rate per</u> <u>Month</u>	<u>Nonrecurring</u> <u>Charge</u>
	<b>(L) Designated Equipment</b> (Cont'd)			
	(2) FUJITSU (Cont'd)			
	(b) FLM600 OC-12 (DS1/OC-3 Service)			
	- Basic Arrangement			
	(72 DS3s or 24 OC-3s, each)	(CVBFB)	\$ 11.59	\$ 1,884.21
	- Primary Array			
	(12 DS3s or 4 OC-3s, each)	(CVAFD)	464.50	
	initial 12 DS3s or 4 OC-3s			75,476.57
	subsequent 12 DS3s or 4 OC-3s			42,800.00
	- Secondary Array			
	(3 DS3s, each)	(CVAFP)	25.23	
	initial 3 DS3s			4,099.89
	subsequent 3 DS3s			5,304.00
	(1 OC-3, each)	(CVAFQ)	62.92	
	initial OC-3			10,224.08
	subsequent OC-3			6,806.00
	- Termination Cards			
	(3 DS3s, each)	(CVTFC)	17.07	
	first 3 DS3s			2,871.49
	additional 3 DS3s			2,849.16
	(1 OC-3, each)	(CVTFD)	20.62	
	first OC-3			3,448.63
	additional OC-3			3,426.30

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**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

Nonrecurring		Rate	per
25.5.7	<u>Rates and Charges</u> (Cont'd)	<u>USOC</u>	<u>Month</u>
	<u>(L) Designated Equipment</u> (Cont'd)		<u>Charge</u>
	(2) FUJITSU (Cont'd)		
	(c) FLM2400 OC-48 (DS3/OC-3/OC-12 Service)		
	- Basic Arrangement		
	(96 DS3s, 16 OC-3s or 8 OC-3s, each) (CVBFC)	\$ 9.88	\$ 1,606.05
	- Primary Array		
	(48 DS3s, 16 OC-3s or 8 OC-3s, each)		
	- SONET Ring (CVAFG)	878.35	
	initial 48 DS3s, 16 OC-3s or 8 OC-12s		142,723.92
	subsequent 48 DS3s, 16 OC-3s 8 OC-12s		104,673.00
	- Terminal (CVAFJ)	1,327.72	
	initial 48 DS3s, 16 OC-3s or 4 OC-12s		233,650.31
	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)	83.25	
	initial 24 DS3s, 4 OC-3s or 2 OC-12s, each		13,527.54
	subsequent 24 DS3s, 4 OC-3s or 2 OC-12s, each		15,355.00

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**25.5 Rate Regulations for Virtual Collocation** (Cont'd)

Nonrecurring		Rate	per
25.5.7	<u>Rates and Charges</u> (Cont'd)	<u>USOC</u>	<u>Month</u>
	<u>(L) Designated Equipment</u> (Cont'd)		<u>Charge</u>
	(2) FUJITSU (Cont'd)		
	(c) FLM2400 OC-48 (DS3/OC-3/OC-12 Service) (Cont'd)		
	- Tertiary Array		
	(12 DS3s, each)	(CVAFU) \$	22.25
	initial 12 DS3s		\$ 3,614.62
	subsequent 12 DS3s		10,591.00
	(4 OC-3s, each)	(XXXXX)	125.34
	initial 4 OC-3s		31,294.00
	subsequent 12 DS3s		22,851.00
	(1 OC-12, each)	(CVAFV)	160.40
	initial OC-12		26,064.24
	subsequent		21,201.00
	- Termination Cards		
	(3 DS3s, each)	(CVTFE)	14.45
	first 3 DS3s		2,445.62
	additional 3 DS3s		2,422.77
	(1 OC-3, each)	(CVTFF)	20.62
	first OC3		3,448.63
	additional OC-3		3,426.30
	(1 OC-12, each)	(CVTFG)	77.59
	first OC-12		12,705.74
	additional OC-12		12,682.89

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**25.5 Rate Regulations for Virtual Collocation (Cont'd)**

Nonrecurring		Rate		per
<b>25.5.7</b>	<b><u>Rates and Charges</u></b> (Cont'd)	<u>USOC</u>	<u>Month</u>	<u>Charge</u>
<b>(L) <u>Designated Equipment</u></b> (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)	\$ 39.03	\$ 6,342.97
- Primary Array				
	(48 DS3s, or 4 OC-12s, each)			
	(1) Terminal 1310/1310 nm	(XXXXX)	2,044.70	
	initial 48 DS3s, or 4 OC-12s			332,241.97
	subsequent 48 DS3s or 4 OC-12s			105,440.00
	(2) Terminal 1310/1557 nm	(XXXXX)	698.48	
	initial 48 DS3s, or 4 OC-12s			198,811.00
	subsequent 48 DS3s or 4 OC-12s			115,773.00
- Secondary Array				
	(48 DS3s, each)	(CVANL)	39.82	
	initial 48 DS3s			6,469.87
	subsequent 48 DS3s			64,143.00
	(1 OC-12, each)	(CVANM)	86.43	
	initial OC-12			14,044.78
	subsequent OC-12			12,487.00
- Tertiary Array				
	(24 DS3s, each)	(CVANN)	10.61	
	initial 24 DS3s			1,723.81
	subsequent 24 DS3s			1,779.00
- Termination Cards				
	(3 DS3s, each)	(CVTNE)	35.02	
	first 3 DS3s			5,789.18
	additional 3 DS3s			5,766.34
	(1 OC-12, each)	(CVTNF)	76.04	
	first OC-12			12,453.97
	additional OC-12			12,431.12

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**EXPANDED INTERCONNECTION**

**25.6 Individual Case Filings**

Rates and charges for Expanded Interconnection developed by SWBT on an Individual Case Basis (ICB) are filed following.

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**EXPANDED INTERCONNECTION**

**25.7 Virtual Collocation for CEVs, Huts and Cabinets**

Virtual Collocation must be made in accordance with the provisions specified in SWBT's Technical Publication applicable to Virtual Collocation.

**25.7.1 Provisioning**

**(A) General**

The provisioning of virtual collocation for CEVs, Huts and Cabinets requires the use of telecommunications equipment specified by the interconnector and dedicated to its use as well as facilities designated by SWBT for the common use of all customers -- including other interconnectors. Equipment used in the provisioning of virtual collocation for CEVs, Huts and Cabinets will be installed, maintained and repaired by SWBT in the same manner that SWBT installs, maintains and repairs comparable equipment used in the provisioning of its services.

SWBT will designate the location or locations within its CEVs, Huts or Cabinets for the placement of all equipment and facilities associated with virtual collocation. Virtual collocation does not involve the reservation of segregated space for the use of interconnector.

SWBT 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 for CEVs, Huts and Cabinets, interconnection will only be provided for access to SWBT's unbundled network elements between SWBT and the interconnector as described in other sections of this tariff or applicable interconnection agreements.

If an Interconnector requests interconnection to an unbundled network element that is not available at the location specified by the Interconnector, SWBT is under no obligation to provide Virtual Collocation at that location for interconnecting to these unavailable unbundled network elements. However, SWBT will provide interconnection to unbundled network sub-loop elements where they are not currently available, upon a 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 Virtual Collocation, such as Service Date Change Charges and Cancellation Charges.

This tariff is filed under protest. In requesting approval of this Tariff, SWBT does not waive any legal arguments made or to be made in any Texas or federal legislative bodies, courts, or regulatory agencies relating to Docket No. 16189, 16196, 16226, 16285, and 16290 before this Commission (the AConsolidated Award<sup>(8)</sup>), and SWBT has reserved its rights to appeal or seek review of the Consolidated Award including true-ups for any rates which result from such appeals or new appeals. SWBT reserves its rights in Sections 251 and 252 of the Federal Telecommunications Act (FTA) to negotiate or arbitrate the terms, conditions and rates at the expiration dates of all interconnection agreements resulting from the Consolidated Award and all other interconnection agreements executed pursuant to Section 252(i) of the FTA or the provisions of this Tariff. Any such appeal or review shall not otherwise delay the approval or implementation of this Tariff.

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**EXPANDED INTERCONNECTION**

**25.7 Virtual Collocation for CEVs, Huts and Cabinets** (Cont'd)

**25.7.1 Provisioning** (Cont'd)

(B) **Entrance Cable**

Interconnectors requesting interconnection in a SWBT CEV, Hut or Cabinet may bring a maximum of two cables, one fiber optic and one copper, to the demarcation point specified by SWBT. The fiber optic cable provided by the interconnector must be single mode fiber optic cable meeting industry standards for composition and specifications as set forth in the SWBT=s Technical Publication applicable to Virtual Collocation. The copper cable must meet industry standards and be compatible with those used by SWBT.

The interconnector must also leave sufficient cable length, as specified by SWBT, at the demarcation point for SWBT to fully extend the cable into its splice chamber and to make the splice onto the fiber termination unit or copper termination unit.

Where Virtual Collocation is provided in a SWBT CEV, Hut or Cabinet, SWBT will provide the interconnector with the location of the demarcation point for each entrance cable as well as the length of cable needed.

Ownership of the additional cable length provided by the interconnector and pulled by SWBT into its splice chamber shall be transferred to SWBT. Once ownership of the cable has been transferred to SWBT, SWBT will maintain and operate the cable according to the interconnector=s needs as identified by its request for Virtual Collocation.

SWBT will splice the individual fibers of the interconnector-provided fiber optic cable to a fiber termination unit. The maximum number of fibers that can be terminated is 24. If the interconnector-provided fiber optic cable contains more than 24 fibers, the interconnector must identify which fibers are to be terminated.

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

The interconnector must specify the size of the cables in order for SWBT to determine space requirements, and establish the charge for any custom work required to rearrange, modify or enlarge the existing facility to accommodate the request.

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

This tariff is filed under protest. In requesting approval of this Tariff, SWBT does not waive any legal arguments made or to be made in any Texas or federal legislative bodies, courts, or regulatory agencies relating to Docket No. 16189, 16196, 16226, 16285, and 16290 before this Commission (the AConsolidated Award@), and SWBT has reserved its rights to appeal or seek review of the Consolidated Award including true-ups for any rates which result from such appeals or new appeals. SWBT reserves its rights in Sections 251 and 252 of the Federal Telecommunications Act (FTA) to negotiate or arbitrate the terms, conditions and rates at the expiration dates of all interconnection agreements resulting from the Consolidated Award and all other interconnection agreements executed pursuant to Section 252(i) of the FTA or the provisions of this Tariff. Any such appeal or review shall not otherwise delay the approval or implementation of this Tariff.



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**EXPANDED INTERCONNECTION**

**25.7 Virtual Collocation for CEVs, Huts and Cabinets** (Cont'd)

**25.7.1 Provisioning** (Cont'd)

(C) **Designation of Dedicated Equipment**

- (1) Telecommunications 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 SWBT in the provisioning of its services, and not be used to provide information services or enhanced services.
- (2) The interconnector can designate for placement in SWBT's CEVs, Huts or Cabinets 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 circumstances.
- (3) The telecommunications equipment designated by the interconnector must have operating characteristics that will not interfere with SWBT's network or services, or those of others. Such use is subject to the further provisions that the telecommunications equipment selected by the interconnector does not endanger the safety of SWBT employees or the public; damage, harm, require change in or alteration of the telecommunications equipment or services of SWBT; interfere with the proper operation of SWBT telecommunications equipment; or otherwise injure the public in its use of SWBT's services. Upon notice from SWBT that the telecommunications equipment specified by the interconnector is likely to cause such hazard or interference, the interconnector is responsible for identifying and specifying telecommunications equipment that would not pose such hazard or interference. In the event the telecommunications equipment specified by the interconnector poses such hazard or interference after it has been connected to SWBT's network, SWBT 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 SWBT must take steps to remove or prevent such hazard, additional labor, as described in 25.5.2(E) (Additional Labor) will apply.
- (4) If the interconnector requests the installation of telecommunications equipment other than passive equipment in the CEVs, Huts, and Cabinets as provided for in this tariff, and such equipment is in compliance with (1), (2), and (3) preceding, SWBT will file tariff revisions to provide such equipment. (i.e., power, alarm, maintenance, etc.).

This tariff is filed under protest. In requesting approval of this Tariff, SWBT does not waive any legal arguments made or to be made in any Texas or federal legislative bodies, courts, or regulatory agencies relating to Docket No. 16189, 16196, 16226, 16285, and 16290 before this Commission (the AConsolidated Award), and SWBT has reserved its rights to appeal or seek review of the Consolidated Award including true-ups for any rates which result from such appeals or new appeals. SWBT reserves its rights in Sections 251 and 252 of the Federal Telecommunications Act (FTA) to negotiate or arbitrate the terms, conditions and rates at the expiration dates of all interconnection agreements resulting from the Consolidated Award and all other interconnection agreements executed pursuant to Section 252(i) of the FTA or the provisions of this Tariff. Any such appeal or review shall not otherwise delay the approval or implementation of this Tariff.

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**EXPANDED INTERCONNECTION**

**25.7 Virtual Collocation for CEVs, Huts and Cabinets** (Cont'd)

**25.7.1 Provisioning** (Cont'd)

(D) **Interconnection Cross Connect**

An interconnection cross connect can be differentiated by the types of services to which it is interconnected. When virtual collocation is provided for CEVs, Huts and Cabinets, interconnection will only be provided for access to SWBT=s unbundled network sub-loop elements.

**25.7.2 Training**

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

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

If the interconnector does not have SWBT 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 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 SWBT employee training.

SWBT will work cooperatively with the interconnector to schedule SWBT 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 SWBT personnel time required to coordinate training activities with the interconnector. The interconnector will be responsible for reimbursement of SWBT 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(K) (Training) will be assessed to the interconnector.

This tariff is filed under protest. In requesting approval of this Tariff, SWBT does not waive any legal arguments made or to be made in any Texas or federal legislative bodies, courts, or regulatory agencies relating to Docket No. 16189, 16196, 16226, 16285, and 16290 before this Commission (the AConsolidated Award@), and SWBT has reserved its rights to appeal or seek review of the Consolidated Award including true-ups for any rates which result from such appeals or new appeals. SWBT reserves its rights in Sections 251 and 252 of the Federal Telecommunications Act (FTA) to negotiate or arbitrate the terms, conditions and rates at the expiration dates of all interconnection agreements resulting from the Consolidated Award and all other interconnection agreements executed pursuant to Section 252(i) of the FTA or the provisions of this Tariff. Any such appeal or review shall not otherwise delay the approval or implementation of this Tariff.

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**EXPANDED INTERCONNECTION**

**25.7 Virtual Collocation for CEVs, Huts and Cabinets** (Cont'd)

**25.7.3 Acceptance Testing**

Where Virtual Collocation is provided in a SWBT CEV, Hut or Cabinet, at no additional charge, SWBT may perform, upon request of the interconnector, a similar joint acceptance test consistent with the description below.

This test may consist of the following:

- Continuity testing from termination unit to interconnector test point.
- Loss test via loop back at the termination unit.

**25.8 Rate Regulations for Virtual Collocation in CEVs, Huts and Cabinets**

This section contains the specific regulations governing the rates and charges that apply for Virtual Collocation in CEVs, Huts and Cabinets.

There are two types of rates and charges that apply to the various rate elements for Virtual Collocation in CEVs, Huts and Cabinets. These are nonrecurring charges and monthly recurring rates. Specific rates and charges are set forth in Section 25.8.4 (Rates and Charges).

**25.8.1 Rate Elements**

The following provides a list of the various rate elements for Virtual Collocation in CEVs, Huts and Cabinets and how the rate elements are defined.

(A) **Entrance Cable**

This rate element is composed of the following subelements:

(1) **Cable Entrance for Fiber/Copper**

This sub-element provides for the engineering of a point of appearance cable termination, preparation of work order drawings, postings the work order and cable data in the appropriate databases for inventory and provisioning purposes, excavation to expose existing subsurface facilities, pulling the interconnector-provided cable into the eligible structure, routing, securing and preparing the ends for splicing or termination.

(2) **Fiber Splice and Termination**

This sub-element provides for joining or terminating the fiber conductors specified by the interconnector to provide an appearance on a fiber termination unit.

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**EXPANDED INTERCONNECTION**

**25.8 Rate Regulations for Virtual Collocation in CEVs, Huts and Cabinets**

(Cont=d)

**25.8.1 Rate Elements** (Cont=d)

(A) **Entrance Cable** (Cont=d)

(3) Copper Pair Splice and Termination

This sub-element provides for joining and terminating copper conductor pairs specified by the interconnector to provide an appearance on a copper termination unit.

(4) Fiber Termination Unit

This sub-element provides for physical hardware unit (4 to 24 fibers) which provides the interconnector=s fiber cable its point of appearance within the structure.

(5) Copper Termination Unit

This sub-element provides the physical hardware unit (100 pair each) which provides the interconnector=s copper cable its point of appearance within the structure.

(B) **Interconnection Cross Connect**

This rate element provides a cross connect for interconnecting a SWBT-provided service to an interconnection arrangement.

The interconnection cross connects are for 2-wire and 4-wire Copper Terminations and Fiber Terminations.

(C) **Engineering Design Charge**

The engineering design charge provides for SWBT personnel to survey each requested CEV, hut and Cabinet for availability of space for the placement of copper or fiber cables as well as to determine space for any interconnector-designated equipment.

This tariff is filed under protest. In requesting approval of this Tariff, SWBT does not waive any legal arguments made or to be made in any Texas or federal legislative bodies, courts, or regulatory agencies relating to Docket No. 16189, 16196, 16226, 16285, and 16290 before this Commission (the AConsolidated Award@), and SWBT has reserved its rights to appeal or seek review of the Consolidated Award including true-ups for any rates which result from such appeals or new appeals. SWBT reserves its rights in Sections 251 and 252 of the Federal Telecommunications Act (FTA) to negotiate or arbitrate the terms, conditions and rates at the expiration dates of all interconnection agreements resulting from the Consolidated Award and all other interconnection agreements executed pursuant to Section 252(i) of the FTA or the provisions of this Tariff. Any such appeal or review shall not otherwise delay the approval or implementation of this Tariff.

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**EXPANDED INTERCONNECTION**

**25.8 Rate Regulations for Virtual Collocation in CEVs, Huts and Cabinets**

(Cont=d)

**25.8.2 Nonrecurring Charges for CEVs, Huts and Cabinets**

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 CEVs, Huts and Cabinets are as follows:

(A) **Entrance Cable**

Nonrecurring charges are specific to each subelement and are applied on a per entrance cable, per splice/termination and a per termination unit basis.

(B) **Interconnection Cross Connect**

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

(C) **Engineering Design Charge**

The engineering design charge is a one-time charge for SWBT personnel to survey each requested CEV, Hut and Cabinet for availability of space for the placement of copper or fiber cables as well as to determine space for any interconnector-designated equipment.

**25.8.3 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) **Entrance Cable**

Monthly recurring rates are specific to each subelement and are applied on a per entrance cable and per termination unit basis.

(B) **Interconnection Cross Connect**

A monthly rate applies to each Interconnection cross connect provided.

This tariff is filed under protest. In requesting approval of this Tariff, SWBT does not waive any legal arguments made or to be made in any Texas or federal legislative bodies, courts, or regulatory agencies relating to Docket No. 16189, 16196, 16226, 16285, and 16290 before this Commission (the AConsolidated Award), and SWBT has reserved its rights to appeal or seek review of the Consolidated Award including true-ups for any rates which result from such appeals or new appeals. SWBT reserves its rights in Sections 251 and 252 of the Federal Telecommunications Act (FTA) to negotiate or arbitrate the terms, conditions and rates at the expiration dates of all interconnection agreements resulting from the Consolidated Award and all other interconnection agreements executed pursuant to Section 252(i) of the FTA or the provisions of this Tariff. Any such appeal or review shall not otherwise delay the approval or implementation of this Tariff.

**EXPANDED INTERCONNECTION**

**25.8 Rate Regulations for Virtual Collocation in CEVs, Huts and Cabinets**  
 (Cont=d)

<b>25.8.4 Rates and Charges</b>	<u>USOC</u>	<u>Rate Per Month</u>	<u>Nonrecurring Charge</u>
<b>(A) Entrance Cable</b>			
(1) <u>Cable Entrance Fiber/Copper</u> (per cable)	(XXXXXX)	0.00	690.00
(2) <u>Fiber/Splice Termination</u> (per fiber)	(XXXXXX)	0.00	14.55
(3) <u>Copper Pair Splice/Termination</u> (per copper pair)	(XXXXXX)	0.00	10.05
(4) <u>Fiber Termination Unit</u> (per each 4 to 24 fibers)	(XXXXXX)	9.98	1,915.00
(5) <u>Copper Termination Unit</u> (per each 1-100 pair)	(XXXXXX)	2.56	492.00
<b>(B) Interconnection Cross Connect</b> (per cross connect)			
(1) <u>Copper 2-Wire</u> - Initial	(XXXXXX)	None	239.83
- Additional	(XXXXXX)	None	102.19
(2) <u>Copper 4-Wire</u> - Initial	(XXXXXX)	None	240.84
- Additional	(XXXXXX)	None	103.21
(3) <u>Fiber - per fiber</u> - Initial	(XXXXXX)	.80	333.46
- Additional	(XXXXXX)	.80	159.54
<b>(C) Engineering Design Charge</b>	(XXXXXX)	None	258.86

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**EXPANDED INTERCONNECTION**

<b>25.8</b>	<b><u>Rate Regulations for Virtual Collocation</u></b>	(Cont=d)		
<b>25.8.4</b>	<b><u>Rates and Charges</u></b>	<u>USOC</u>	<u>Rate Per</u> <u>Month</u>	<u>Nonrecurring</u> <u>Charge</u>
	(D) <b><u>Designated Equipment</u></b>			

TO DATE, SWBT HAS NOT RECEIVED NOTICE OF ANY DESIGNATED EQUIPMENT FROM POTENTIAL COLLOCATORS AND THEREFORE NO SPECIFIC EQUIPMENT IS INCLUDED IN THE TARIFF. UPON RECEIPT OF DESIGNATED EQUIPMENT FROM PROSPECTIVE COLLOCATORS, SWBT WILL MODIFY THE TARIFF ACCORDINGLY AND INCLUDE THE APPLICABLE CHARGES HEREIN.

This tariff is filed under protest. In requesting approval of this Tariff, SWBT does not waive any legal arguments made or to be made in any Texas or federal legislative bodies, courts, or regulatory agencies relating to Docket No. 16189, 16196, 16226, 16285, and 16290 before this Commission (the AConsolidated Award@), and SWBT has reserved its rights to appeal or seek review of the Consolidated Award including true-ups for any rates which result from such appeals or new appeals. SWBT reserves its rights in Sections 251 and 252 of the Federal Telecommunications Act (FTA) to negotiate or arbitrate the terms, conditions and rates at the expiration dates of all interconnection agreements resulting from the Consolidated Award and all other interconnection agreements executed pursuant to Section 252(i) of the FTA or the provisions of this Tariff. Any such appeal or review shall not otherwise delay the approval or implementation of this Tariff.