

Section 18 - Expanded Interconnection

18.1 General

Expanded Interconnection is available in compliance with the Federal Communications Commission's Report and Order in the matter of Expanded Interconnection with Local Telephone Company Facilities, CC Docket No. 91-141, adopted September 17, 1992 and released October 19, 1992, the Memorandum Opinion and Order in the Matter of Expanded Interconnection with Local Telephone Company Facilities, CC Docket No. 91-141, adopted December 18, 1992 and released December 18, 1992 and the Second Report and Order, CC Docket No.91-141, Transport Phase I, adopted August 3, 1993 and released September 2, 1993.

18.2 Service Description

Expanded Interconnection service provides fiber optic physical interconnection. This service includes a license to occupy physical space and associated requirements such as power and environmental conditioning within a Telephone Company serving wire center to locate certain fiber optic facilities and equipment, and a connection to certain Telephone Company provided services.

The interconnect customer shall bring its fiber optic cable to the Telephone Company designated entrance manhole and leave sufficient length for the Telephone Company to extend the customer's cable to collocated space. Upon request, the Telephone Company will designate two entrance manholes for the interconnect customer in serving wire centers where the Telephone Company has more than one entry point for its own use.

The interconnect customer may use collocated space solely for the purposes of installing, maintaining and operating the customer's equipment to interconnect with telecommunications services and facilities provided by the Telephone Company in accordance with Sections 6 and 7 herein and for no other purpose.

The Telephone Company will provide Expanded Interconnection to the following types of Special Access.

(D)

- High Capacity Service
 - 1.544 Mbps
 - 44.736 Mbps (Electrical)
- Optical Carrier Network (OCN) Point-to-Point Service
 - 155.52 Mbps
 - 622.08 Mbps
 - 2488.32 Mbps
 - 9953.28 Mbps
- SONET Network Service*
 - 155.52 Mbps
- GigaMAN[®] 1 Gigabit Ethernet
- AT&T Switched Ethernet ServiceSM 1 Gigabit Ethernet
- OPT-E-MANSM 1 Gigabit Ethernet
- WaveMANSM (OC-48 and OC-192)
- AT&T Switched Ethernet ServiceSM 10 Gigabit Ethernet
- DecaMAN[®] 10 Gigabit Ethernet

(N)

(N)

* Effective July 31, 2003, SNET SONET Network Service (SSNS) will no longer be available to new customers. There will be no change to existing customers.

(This page filed under Transmittal No. 1069)

Section 18 - Expanded Interconnection

18.2 Service Description (Cont'd)

Upon receipt of a bona fide request for Expanded Interconnection to other Special Access services, the Telephone Company will make a tariff filing within 45 days of receipt of the bona fide request to be effective upon 45 days notice. (M)

The Telephone Company will provide Expanded Interconnection to the following types of Switched Access Service as specified in Section 6. (N)

- DS1 (1.544 Mbps) Interface
- DS3 (44.736 Mbps) Interface (Electrical) (N)

Certain material on this page formerly appeared on Page 18-1.

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Four AT&T Plaza, Dallas, Texas 75202

18.2 Service Description (Cont'd)

The furnishing of Expanded Interconnection pursuant to this tariff shall be deemed to be the provision of a service subject to the applicable provisions of this tariff, including, but not limited to, the applicable provisions contained in Section 1, Application of the Tariff, and Section 2, General Regulations. For the purposes of the application of the provisions of Section 2.4D to Expanded Interconnection, the term "customer premises" shall be deemed to include the partitioned space assigned to the interconnect customer, as well as customer facilities located in the space. Notwithstanding the foregoing, the provisions of Sections 2.4 (Telephone Company Liability) and 2.5 (Obligations of the Customer) shall not apply to the furnishing of Expanded Interconnection insofar as they relate to Liability or Indemnification and shall be replaced by the following.

(C)
(C)
(N)

Liability and Indemnification

Liability

No Consequential Damages - Neither, the Telephone Company nor the interconnect customer shall be liable to the other party for any indirect, incidental, consequential, reliance, or special damages suffered by such other party (including without limitation damages for harm to business, lost revenues, lost savings, or lost profits suffered by such other party), regardless of the form of action, whether in contract, warranty, strict liability, or tort, including without limitation negligence of any kind whether active or passive, and regardless of whether the party knew of the possibility that such damages could result. Each party hereby releases the other party (and such other party's subsidiaries and affiliates, and their respective officers, directors, employees and agents) from any such claim. Provided, however, that nothing contained in this section shall limit The Telephone Company's or the interconnect customer's liability to the other for (i) wilful or intentional misconduct (including gross negligence); or (ii) bodily injury, death or damage to tangible real or tangible personal property or the environment proximately caused by The Telephone Company's or the interconnect customer's negligent act or omission or that of their respective agents, subcontractors, employees, assigns or licensees. Nor shall anything contained in this section limit the parties' indemnification obligations, as specified below.

Indemnification

The Telephone Company and the interconnect customer shall mutually indemnify and hold harmless the other party as specified below. Each Party (the "Indemnifying Party") shall indemnify and hold harmless the other Party ("Indemnified Party") from and against any loss, cost, claim, liability, damage, expense (including reasonable attorney's fees) brought or claimed by a third party that relates to or arises out of the gross negligence or intentional acts or omissions of the Indemnifying Party, its agents, subcontractors, employees, assigns or licensees in connection with Expanded

(N)

Certain material formerly on this page now appears on Page 18-2.1.

(This page filed under Transmittal No. 697)

ACCESS SERVICE

18.2 Service Description (Cont'd)

Liability and Indemnification (Cont'd)

(N)

Indemnification (Cont'd)

Interconnection. In addition, the Indemnifying Party shall, to the extent of its gross negligence or intentional acts or omissions, defend any action or suit brought by a third party against the Indemnified Party for any loss, cost, claim, liability, damage, or expense relating to or arising out of gross negligence or intentional acts or omissions of the Indemnifying Party, its agents, subcontractors, employees, assigns or licensees in connection with Expanded Interconnection. The Indemnifying Party shall have sole authority to defend or settle any claims. The Indemnified Party shall notify the Indemnifying Party promptly in writing of any written claims, lawsuits, or demands by third parties for which the Indemnified Party alleges that the Indemnifying Party is responsible hereunder and tender the defense of such claim, lawsuit or demand to the Indemnifying Party. The Indemnified Party also shall cooperate in every reasonable manner with the defense or settlement of such claim, demand, or lawsuit at the Indemnifying Party's sole expense. The Indemnifying Party shall not be liable hereunder for settlements by the Indemnified Party of any claim, demand, or lawsuit unless the Indemnifying Party has approved the settlement in advance or unless the defense of the claim, demand, or lawsuit has been tendered to the Indemnifying party in writing and the Indemnifying Party has failed promptly to undertake the defense.

(N)

Expanded Interconnection is available in Telephone Company serving wire centers as specified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.. TARIFF F.C.C. NO. 4. Interconnection must be made in accordance with provisions specified in Technical Reference Publication TR-NWT-000063 and the Telephone Company Equipment Installation Guide (SNET-TEIG-001).

(M)

Direct connection of one interconnect customer's facilities to another interconnect customer's facilities within the central office is prohibited.

Subscribing to Expanded Interconnection does not convey to the interconnect customer any right, title or interest in the Telephone Company central office facility, the partitioned space, partitioned space enclosure, cable space, cable racking, vault space or conduit space.

Expanded Interconnection Service shall not be deemed to provide third parties with any remedy, claim, liability, reimbursement, claim of action or other right.

Any assignment by the interconnect customer of any right, obligation or duty, in whole or in part, or of any other interest hereunder, without the expressed written consent of the Telephone Company, shall be void. Provided upon the acquisition or merger of the interconnect customer, the Telephone Company shall not unreasonably withhold or delay its consent to the interconnect customer's assignment hereunder to the successor company.

(M)

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ACCESS SERVICE

18.2 Service Description (Cont'd)

18.3 Application of Service

Customers who wish to subscribe to Expanded Interconnection should request the service through their normal Telephone Company point of contact. The point of contact will provide the customer an Expanded Interconnection Application through which the customer must identify its requirements for space and associated requirements such as power and environmental conditioning, and any other matters of a special nature pertaining to the customer's occupancy.

Inteconnections are available on a first-come first-served basis, subject to the availability of space and facilities in each serving wire center.

An Application Fee of \$4,415.00 shall be required per request, per Expanded Interconnection serving wire center. This fee shall recover the costs of an engineering design which will be provided by the Telephone Company to accommodate the individual Interconnector's requirements as delineated in the customer's Expanded Interconnection Application. This charge represents the initial design and engineering labor associated with planning the requirements for floor space, AC power, DC Power, entrance facilities, conduit and riser capacity. No portion of the Application Fee shall be refunded if the customer withdraws its application. The order of priority of each customer's request shall be determined by the date and time of receipt by the Telephone Company of the Application Fee and completed Expanded Interconnection Application. (R)

(This page filed under Transmittal No. 584)

ACCESS SERVICE

18.3 Application of Service (Cont'd)

- A. The Telephone Company shall notify the customer in writing within 30 business days following receipt of an Expanded Interconnection Application, as to the availability of space and associated requirements requested by the customer.
- B. If adequate space is unavailable, the Telephone Company will make a reasonable effort to negotiate a tariffed virtual collocation arrangement.
- C. If it is determined that adequate space is unavailable and the customer does not desire virtual collocation, the Application Fee will be refunded.

The customer shall have 30 business days from the mailing of the Telephone Company's notice that the space and associated requirements are available to:
(1) notify the Telephone Company that the customer desires to proceed with construction, (2) remit to the Telephone Company 50% of the total amount of the Collocated Space Construction charge specified in 18.6B, and (3) provide to the Telephone Company a letter of intent signed by a duly authorized representative of the customer, which specifies the work to be done. (S) (x)

If the Telephone Company does not receive the notice payment and letter of intent from the customer within the 30 day period, the Expanded Interconnection Application shall become void, and the space which had been allocated for that application will be returned to available space inventory.

Upon receipt of 50% of the total amount of the Collocated Space Construction charge and a signed letter of intent, the Telephone Company shall begin the work required to provide Expanded Interconnection in the requested serving wire center. (S) (x)

When the collocated space construction has been completed, the customer shall remit the balance of the construction charge prior to taking occupancy of the collocated space. (S) (x)

18.4 Terms and Conditions

- A. The Telephone Company shall designate all spaces to be occupied by the interconnect customer. Once a collocated space has been established, in the event of a catastrophic loss which results in damage to the central office and the collocated space, the Telephone Company will inform the interconnect customer of its plans to rebuild as soon as practicable, and that it will restore service to the interconnect customer as soon as practicable. (N)
- B. In those instances where the Telephone Company determines that existing and associated requirements are available to provide Expanded Interconnection, the Telephone Company will permit the customer to order space in increments of 100 square feet to 400 square feet of Telephone Company owned space within the serving wire center building and make available a path for its fiber optic cable. The minimum size will be 100 (S) (x)

(x) Issued under authority of Special Permission No. 97-244 of the Federal Communications Commission.

(This page filed under Transmittal No. 698)

18.4 Terms and Conditions (Cont'd)

B. (Cont'd)

square feet. Additional space may be provided in increments from	(S) (x)
100 square feet up to 400 square feet as availability permits.	(S) (x)
This provision shall not be construed to place a limit on the maximum	(N) (xx)
amount of Telephone Company owned space an interconnector may occupy if	
such space is available.	(N) (xx)
A reasonable effort will be made to provide contiguous space when the	(S) (x)
interconnect customer requires it for expansion.	
Upon request, collocated space areas of less than 100 square feet can be	
negotiated on an individual case basis. Such agreements will then	
be tariffed and made generally available.	(S) (x)

When Special Construction of facilities is reasonably required for the provision of Expanded Interconnection, the regulations, rates, charges and liabilities for Special Construction apply as set forth in SNET F.C.C. Tariff No. 35.

(x) Issued to become effective August 12, 1997.

(xx) Issued under authority of Special Permission No. 97-252 of the Federal Communications Commission.

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

18.4 Terms and Conditions (Cont'd)

- D. The equipment that the interconnect customer will be allowed to place in the collocated space will be limited to central office equipment needed to terminate basic transmission facilities, including optical terminating equipment and multiplexers. All Optical interconnections within SNET central office will support single mode fiber termination. (N) (N)

The interconnect customer's equipment to be installed in Telephone Company serving wire centers shall comply with the Bellcore Network Equipment Building System (NEBS) Generic Equipment Requirements (Documented in TR-NWT-000063) and shall be installed in compliance with SNET-TEIG-001 and the Telephone Company serving wire center environmental and transmission standards in effect at the time of equipment installation.

The interconnect customer shall provide administrative codes, e.g., Common Language Equipment Codes (CLEI), to the Telephone Company for all equipment installed in the central office. These codes, commonly obtained from the equipment manufacturer or Bellcore, must be consistent with those used by the Telephone Company for its own equipment.

Customer facilities and equipment located in a Telephone Company serving wire center building pursuant to this tariff must meet the technical standards and safety requirements as specified by the Telephone Company.

The interconnect customer will be responsible for accepting delivery, installation and maintenance of its equipment within the collocated space. The interconnect customer may not construct improvements or make alterations or repairs to the collocated space without the prior written consent of The Telephone Company.

- E. The interconnect customer will be responsible for servicing, supplying, repairing, installing and maintaining the following in accordance with the provisions below.
1. The fiber optic entrance cable(s)
 2. The customer's equipment located in the serving wire center collocated space
 3. The connection cable and associated equipment which may be required between the collocated space and the point(s) of termination

The interconnect customer will bring its fiber optic cable to the serving wire center entrance manhole and leave sufficient cable length in order for the Telephone Company to be able to fully extend such cable through to the vault and to the collocated space.

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ACCESS SERVICE

18.4 Terms and Conditions (Cont'd)

E. (Cont'd)

Only Telephone Company personnel shall be permitted to extend the interconnect customer's fiber optic cable to the cable vault. If necessary, the Telephone Company will splice the cable to customer provided fire retardant riser cable and deliver the cable to the customer's collocated space. This work shall be performed at rates specified in 18.6 following.

If a trouble is isolated to the portion of the interconnect customer's fiber optic cable between the entrance manhole and the collocated space, the customer shall be required to provide a replacement cable which the Telephone Company shall extend to the collocated space as specified above.

- F. The Telephone Company will require that a relay rack with terminating devices (or like equipment) shall be installed as the point(s) of termination within each serving wire center. Such devices shall serve as the point(s) of physical demarcation between the interconnect customer's maintenance and ownership responsibilities and those of the Telephone Company. Maintenance and related activities up to the Telephone Company side of the point of termination will be the responsibility of the Telephone Company. At the customer's option, the Telephone Company will provide the point of termination equipment as specified in 18.5 and 18.6, or, the customer may provide the point of termination equipment. If the interconnect customer chooses to supply the point of termination equipment, it must comply with 18.4D. (C) (C) (C) (C) (N)

The Telephone Company will allow the interconnect customer to specify the Connecting Facility Assignment (CFA) at the point of termination. (N)

- G. Where the interconnect customer shares a common entrance to the central office with the Telephone Company, the reasonable use of shared building facilities (e.g., elevators, unrestricted corridors, designated rest rooms, etc.) shall be permitted. However, access to such facilities may be restricted by Telephone Company security requirements and a Telephone Company employee may be required to accompany the interconnect customer's personnel. In certain central offices, the interconnect customer's personnel will only be allowed access when a Telephone Company employee is available. The Telephone Company shall provide an employee to accompany the interconnect customer's personnel for access to these central offices on reasonable notice. The charges for the Telephone Company employee's time will be as set forth for Additional Labor in Section 8.

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18.4 Terms and Conditions (Cont'd)

- H. Credit Allowances, as set forth in Section 2.12, for Service Interruptions shall apply to the Cross-Connect and DC power recurring charges.
- I. In addition to other provisions of this tariff providing for the termination of service by the Telephone Company, the Telephone Company may terminate an Expanded Interconnection arrangement in the event that the interconnect customer imposes continued disruption and threat of harm upon the Telephone Company's employees and/or network or its ability to provide service to other customers, or fails to comply with insurance requirements as specified in 18.4 AB. The Telephone Company will notify the interconnect customer of violations, and give the customer an opportunity to remedy any violations prior to invoking the provision to terminate service.

(N)

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(N)

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

18.4 Terms and Conditions (Cont'd)

- J. The Telephone Company shall have the right, for good cause shown, and upon six month's written notice, to reclaim any collocated space, cable space or conduit space, if necessary for the Telephone Company to fulfill its obligations under applicable law and its tariffs to provide telecommunications services to its customers.
- K. The Telephone Company shall have the right to terminate an Expanded Interconnection arrangement at any time with respect to any collocated space, cable space, and conduit space(s) where its central office premises becomes the subject of a taking by eminent authority having such power. The Telephone Company shall notify the interconnect customer of such termination and identify the schedule by which the customer must proceed to have the customer's equipment or property removed from the collocated space(s), cable space, and conduit space.
- L. The Expanded Interconnection arrangement for collocated space will automatically terminate if the central office in which the space is located is closed, decommissioned or sold. At least six (6) months written notice will be given to the events which would lead to the automatic termination of any arrangement pursuant to this condition.
- M. In the event that the Telephone Company determines it necessary for the interconnect customer to move its collocated space within a serving wire center or to another serving wire center, the customer shall be required to do so upon six months' written notice. The Telephone Company will make all reasonable efforts to minimize the disruption to the customer's service when this occurs.
- N. In the event the interconnect customer requests that its collocated space be moved within a serving wire center or to another serving wire center which is tariffed for physical Expanded Interconnection, the Telephone Company will permit the customer to relocate its collocated space, subject to the availability of space and associated requirements. The interconnect customer will be responsible for all costs associated with the removal, transport and reinstallation of the customer facilities and the preparation of collocated space at the new location.
- O. The Telephone Company shall not be required to purchase additional plant or equipment, relinquish forecasted space or facilities, or to undertake the construction of new quarters or to construct additions to existing quarters in order to satisfy an interconnect customer's request.
- P. The Telephone Company does not assume responsibility for the design, engineering, testing, or performance of the customer's equipment and facilities.

(N)
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(N)

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

18.4 Terms and Conditions (Cont'd)

Q. The Telephone Company may at any time for purposes of inspection, access the collocated space upon providing reasonable prior notice (at least two weeks notice will be provided for planned inspections) and may without prior notice, access the collocated space for purpose of averting any threat of harm imposed by the interconnect customer upon the operation of Telephone Company equipment, facilities and/or personnel located outside of the collocated space or to remove any interference with the Telephone Company's ability to provide service. (N) (N)

R. If at any time the Telephone Company reasonably determines that either the equipment or the installation of the interconnect customer's facilities does not meet the requirements outlined herein, the interconnect customer will be responsible for the costs associated with the removal of equipment or modification of the equipment or installation to render it in compliance. If the interconnect customer fails to correct any non-compliance with these standards within fifteen (15) days of receipt of written notice, the Telephone Company may have the equipment removed or the condition corrected at the customer's expense.

If the Telephone Company reasonably determines that any interconnect customer activities or equipment are unsafe or in violation of any applicable fire, environmental or other laws or regulations, the Telephone Company has the right to immediately stop the work or place it on hold. However, when such conditions pose an immediate threat to the safety of Telephone Company employees or interfere with the performance of Telephone Company service obligations, the Telephone Company may perform such work and/or take such action that the Telephone Company deems necessary without prior notice to the interconnect customer. The Telephone Company reserves the right to remove products, facilities and equipment from its list of approved products if such products, facilities and equipment are determined to be no longer in compliance with NEBs and Telephone Company standards.

S. The Telephone Company will permit the interconnect customer's Telephone Company approved employees, agents and contractors, to have access to the areas where the interconnect customer's space is located at all reasonable times, provided that the interconnect customer's employees, agents and contractors comply with the policies and practices of the Telephone Company pertaining to fire, safety and security. Such approval will not be unreasonably withheld. The Telephone Company will issue identification cards to approved personnel. The identification card must be presented for entry to the collocated space.

T. Occupancy of the collocated space will be granted upon completion of all work required to make the space ready for occupancy and after having received the balance of the Collocated Space Construction charge as specified in 18.3. The Telephone Company shall notify the customer of the occupancy date in writing. (N) (N)

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18.4 Terms and Conditions (Cont'd)

(N)

T. (Cont'd)

The Telephone Company will use its best efforts to provide occupancy of the space(s) on time and will keep the interconnect customer advised of the work schedule. However, if the Telephone Company fails for any reason to provide occupancy of the space(s) to the interconnect customer within the estimated interval for turnover of space(s), the Telephone Company shall not be liable to the interconnect customer in any way as a result of such failure to provide occupancy. In the event that the Telephone Company is delayed in providing occupancy to the customer for any reason other than the acts or omissions of the customer, the customer shall not be obligated to pay the monthly charges applicable to occupancy until the date the Telephone Company provides occupancy.

- U. Before beginning any delivery, installation, replacement or removal work for equipment and/or facilities located within the interconnect customer's collocated space, the customer must obtain the Telephone Company's written approval of the proposed scheduling of work to coordinate use of temporary staging areas and other building facilities. The Telephone Company may request additional information before granting approval and may require scheduling changes.

The customer shall be permitted upon receipt of written permission from authorized personnel of the Telephone Company to use a portion of the central office(s) and loading areas, to the extent available, on a temporary basis during the interconnect customer's equipment installation work in the collocated space. The customer shall be responsible for protecting the Telephone Company's equipment and central office walls and flooring within the staging area and along the staging route. The interconnect customer will store equipment and materials within partitioned space when work is not in progress. Storing equipment and materials overnight shall not be permitted in the staging area(s). The customer will meet all Telephone Company fire, safety and environmental requirements. This temporary staging area will be vacated and delivered to the Telephone Company in a vacuum-clean condition upon completion of the installation work. The Telephone Company may assess a cleaning charge for failure to comply with this obligation.

- V. In the event of a Telephone Company work stoppage, the customer's employees, authorized agents and contractors shall comply with the Emergency Operating Procedures established by the Telephone Company.
- W. The customer shall coordinate with the Telephone Company to ensure that services are installed in accordance with the service request.
- X. The customer shall be responsible for testing, if necessary, with the Telephone Company to identify and clear a trouble when the trouble has been sectionalized (isolated) to an interconnect customer provided service.

(N)

(This page filed under Transmittal No. 555)

ACCESS SERVICE

18.4 Terms and Conditions (Cont'd) (N)

Y. The customer shall provide access to its collocated space at all times to allow the Telephone Company to react to emergencies, to maintain the building operating systems (where applicable and necessary) and to ensure compliance with OSHA and Telephone Company regulations and standards related to fire, safety, health and environmental safeguards. If conditions permit, notification of access will be provided and the customer will have the option to be present at time of access.

The customer shall provide a contact number that is readily accessible 24 hours a day, 7 days a week.

Z. The customer is responsible for providing trouble report status when requested.

AA. The customer shall notify the Telephone Company of significant outages which could impact or degrade the Telephone Company's services, and provide estimated clearing time for restoral.

AB. The customer shall, at its sole cost and expense procure, maintain, pay for and keep in force insurance as specified below:

- (A) Comprehensive general liability coverage on an occurrence basis. Said coverage shall include the contractual, independent contractors products/completed operations, broad form property and personal injury endorsements.
- (B) Umbrella/Excess Liability coverage.
- (C) All Risk Property coverage on a full replacement cost basis insuring all of the Customer's real and personal property situated on or with the Telephone Company location(s). The customer may also elect to purchase business interruption and contingent business interruption insurance, knowing that the Telephone Company has no liability for loss of profit or revenues should an interruption of service occur.
- (D)
 - (1) Statutory Workers Compensation coverage
 - (2) Contractual Liability coverage
 - (3) Automobile Liability coverage
 - (4) and Employers Liability coverage

The interconnect customer's insurance shall be underwritten by insurance companies licensed to do business in the State of Connecticut having a BEST Insurance rating of at least AA-12. SNET shall be named as an ADDITIONAL INSURED and LOSS PAYEE on ALL applicable policies as specified following.

(N)

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18.4 Terms and Conditions (Cont'd)

AB. (Cont'd)

All policies purchased by the customer shall be deemed to be primary and not contributing to or in excess of any similar coverage purchased by the Telephone Company. All insurance must be in effect on or before the Expanded Interconnection service occupancy date and shall remain in force as long as the customer's facilities remain within any spaces governed by Expanded Interconnection service. If the Interconnector fails to maintain the coverage, the Telephone Company may pay the premiums thereon and seek reimbursement of same from the customer. Failure to make a timely reimbursement will constitute a material breach and shall cause termination of the Expanded Interconnection arrangement as specified above.

The specific amounts of coverage for insurance specified above shall be specified in an insurance schedule provided by the Telephone Company.

The customer shall submit certificates of insurance reflecting the coverage specified above prior to occupancy. The interconnect customer shall arrange for the Telephone Company to receive 30 days advance notice of cancellation from the interconnect customer's Insurance Company. Notice of Cancellation should be forwarded to:

Risk Manager
SNET
227 Church Stret
Room 1105
New Haven, CT 06510

The customer shall conform to the Telephone Company's recommendation(s) made by the Telephone Company's Fire Insurance Company which the Telephone Company has already agreed to or to such recommendations it shall hereafter agree to.

AC. The customer shall provide at least six (6) months written notice to the Telephone Company of its intention to terminate Expanded Interconnection service. The customer shall disconnect and remove its facilities from its collocated space up to the point of termination and from all other areas identified as common between the customer and the Telephone Company. The work to remove the customer's facilities from the collocated space shall have been completed upon the day that billing is discontinued. The collocated space shall be vacated and returned to the Telephone Company in vacuum-clean condition when removal activities have been completed. If the collocated space is not returned to the Telephone Company in its original condition, the Telephone Company shall assess a charge to the customer for the work required to return the collocated space to its original condition.

AD. The Telephone Company will allow the interconnector's customers to place orders for services to the interconnector's collocated space under a letter of agency (LOA) from the interconnector. (N)
(N)

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ACCESS SERVICE

18.5 Rate Elements

(N)

The customer is subject to nonrecurring and/or recurring charges for use of Telephone Company owned space and facilities and for the provisioning of customer provided facilities within the serving wire center. Those charges are set forth in 18.6 following. The rate elements are described below.

A. Cross-Connect Termination

The Cross-Connect Termination provides an intra-building DS1 or DS3 channel from the customer's Point of Termination (POT) to the Telephone Company's DSX1 or DSX3 panel (or similar device).

If the interconnect customer does not wish to accept Telephone Company synchronization, it shall be the responsibility of the customer to design its system to run plesiochronously in reference to the synchronization network.

B. Collocated Space Construction Charge

The Telephone Company will arrange for the construction of a secure enclosure around the collocated space. The enclosure will conform with the standards for health, safety and security to which the Telephone Company adheres within a serving wire center environment.

There are four Collocated Space Construction charge levels which are dependent upon the size of the collocated space ordered as follows:

- 100 Square Feet
- 200 Square Feet
- 300 Square Feet
- 400 Square Feet

The Collocated Space Construction charge is a one time charge which recovers all costs associated with constructing and preparing the partitioned space.

The collocated space construction charge will include the major items listed below:

1. The amount of central office space prepared shall be from 100 (10'x 10') to 400 assignable square feet as specified in 18.4. The interconnect customer shall not obtain any rights for that space which is located above (generally over 10' 0") the Interconnector's partitioned area. (N)

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

18.5 Rate Elements (Cont'd)

B. Collocated Space Construction Charge (Cont'd)

2. An enclosure consisting of four partitions including 10 foot high meshed wire and/or other walls (e.g., existing walls of concrete). Included with the enclosure are door(s), hardware and security devices.

(D)
(D)

NOTE: A ceiling will not be provided. The floor will be a standard (non raised) central office floor.

3. The partitioned space will be free from asbestos which will be abated prior to enclosure construction.
4. Installation of task lighting within the enclosure.
5. Installation of Early Warning Fire Detection (EWFD) devices in the area.
6. Grounding
7. Heating, air conditioning and humidity control for the Interconnect customer's transmission equipment within the partitioned space shall be based on the requirements of TR-NWT-000063.
8. Fused 100 ampere, 1 phase, unprotected AC feed into a standard circuit box within the partitioned space. Individual circuit breakers will not be provided.
9. Ongoing maintenance within the partitioned space.
10. DC power cabling (one A and B feed) from a Telephone Company source into the partitioned space. The Interconnector will provide a Battery Distribution Fuse Bay (BDFB) in the partitioned space.

(D)
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(D)

Construction includes design, engineering, rearrangements and changes required due to security needs, building code changes and updates. All activities delineated above shall be performed in compliance with all state and federal building code regulations.

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ACCESS SERVICE

18.5 Rate Elements (Cont'd)

(N)

C. Collocated Floor Space

Collocated Floor Space is a recurring charge which recovers the ongoing costs of the collocated space.

This charge includes standard AC power, lighting, heat, air conditioning, space, physical building (real estate), and general support services. This charge is assessed per square foot of collocated space in increments of 100 square feet.

D. DC Power

The DC Power charge is a recurring charge for the use of -48 volt DC Power. The DC Power provided includes both on-line and emergency power. The DC Power monthly charge is assessed on a per amp basis. DC Power is ordered in increments of 10 amps up to a maximum of 100 amps.

E. Inner Duct

The Inner Duct charge assesses the monthly rate for the installed duct structure, conduit and inner duct between the entrance manhole and the cable vault. This charge is assessed per foot of Inner Duct used.

F. Riser

The Riser charge assesses the monthly rate for the riser structure and supporting hardware which provides a path from the cable vault to the interconnect customer's collocated space. This charge is assessed per foot of Riser used.

G. Placement of Entrance Facility Fiber

The following elements recover labor charges to place the facility between the entrance manhole and the collocated space. The customer will provide the fiber facility.

Splicing, pulling and design engineering recover the hourly charges for pulling and splicing the fiber from the entrance manhole to the customer collocated space.

1. Splicing

Recovers the hourly labor rate for personnel to perform this function.

2. Pulling

Recovers the hourly labor rate for personnel to perform this function.

3. Design Engineering

Recovers the hourly labor rate for personnel to perform this function.

(N)

(This page filed under Transmittal No. 555)

18.5 Rate Elements (Cont'd)

H. Optional Features & Functions

(N)

Point of Termination Function

The Telephone Company will provide equipment to perform the point of termination function as specified in 18.4F at the option of the customer. The point of termination function monthly rate will be assessed per DS1 and DS3 cross-connect termination as those elements are activated for Special Access and Switched Access Services.

(N)

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18.6 Rates and Charges

The rates and charges listed below are applicable to the following serving wire centers offering Expanded Interconnection:

<u>Office</u>	<u>CLLI</u>	<u>Address</u>	
Bloomfield 00	BLFDCT00	6 Goodman St., Bloomfield, CT	
Bridgeport 01	BRPTCT01	365 John St., Bridgeport, CT	
Bridgeport 03	BRPTCT03	3668 Main St., Bridgeport, CT	(N)
Bristol 00	BRSTCT00	85 Main St., Bristol, CT	
Danbury Main	DNBRCT00	39 West St., Danbury, CT	
Danielson 00	DNSNCT00	140 Main St., Danielson, CT	(N)
Darien 00	DARNCT00	27 Sedgwick Ave., Darien, CT	
Derby 00	DRBYCT00	90 Elizabeth St., Derby, CT	
East Hartford 01	EHRTCT01	14 Chapman St., East Hartford, CT	
Enfield 02	ENFDCT02	441 Hazard Ave., Enfield, CT	
Fairfield 00	FRFDCT00	293 Reef Rd., Fairfield, CT	
Farmington 00	FRTNCT00	18 Main St., Farmington, CT	
Groton 00	GRTNCT00	5 Mitchell St., Groton, CT	(N)
Hamden 00	HMDNCT00	1981 Whitney Ave., North Haven, CT	(N)
Hartford 03	HRFRCT03	111 Trumbull St., Hartford, CT	
Manchester 00	MNCHCT00	52 E. Center St., Manchester, CT	
Meriden 00	MRDNCT00	27 Butler St., Meriden, CT	(N)
Middletown 00	MDTWCT00	70 Broad St., Middletown, CT	
Milford 00	MLFRCT00	74 High St., Milford, CT	
Montville 00	MTVLCT00	12 Lathrop Rd., Montville, CT	
Mystic 00	MYSTCT00	26 East Main St., Mystic, CT	
New Britain 00	NWBRCT00	40 Court St., New Britain, CT	
New Canaan 00	NWCNCT00	135 Main St., New Canaan, CT	
New Haven 02	NWHNCT02	310 Orange St., New Haven, CT	
New Haven 03	NWHNCT03	400 State St., New Haven, CT	
New London 02	NWLNCT02	26 Washington St., New London, CT	
New Milford 00	NMFRCT00	44 Bridge St., New Milford, CT	
Newington 00	NWNTCT00	1567 Main St., Newington, CT	
North Haven 00	NHVNCT00	60 Washington Ave., North Haven, CT	(N)
Norwalk 02	NRWLCT02	2 Washington St., Norwalk, CT	
Norwalk 03	NRWLCT03	104 Main St., Norwalk, CT	
Norwich 00	NRWCCT00	1 Chestnut St., Norwich, CT	(N)
Old Greenwich 00	OGNWCT00	245 Sound Beach Ave., Old Greenwich, CT	
Plainville 00	PLVLCT00	88 W. Main St., Plainville, CT	
Putnam 00	PTNMCT00	192 Main St., Putnam, CT	
Ridgefield 00	RDFDCT00	10 Catoonah St., Ridgefield, CT	
Simsbury 00	SMBYCT00	849 Hopmeadow St., Simsbury, CT	
Southington 00	STTNCT00	142 Main St., Southington, CT	

Certain material formerly on this page now appears on Page 18-15.1.

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18.6 Rates and Charges (Cont'd)

<u>Office</u>	<u>CLLI</u>	<u>Address</u>	
Stamford 01	SMFRCT01	555 Main St., Stamford, CT	(M)
Stamford 02	SMFRCT02	878 High Ridge Rd., Stamford, CT.	(M)
Stratford 00	SRFRCT00	2672 Main St., Stratford, CT	(N)
Torrington 00	TRTNCT00	239 Prospect St., Torrington, CT	(N)
Trumbull 00	TMBLCT00	6058 Main St., Trumbull, CT)	(M)
Wallingford 00	WLFRCCT00	89 N Main St., Wallingford, CT	(N)
Waterbury 00	WTRBCT00	348 Grand St., Waterbury, CT	(M)
Watertown 00	WTTWCT00	1053 Main St., Watertown, CT	(N)
West Hartford 01	WHFRCT01	571 Prospect St. West Hartford, CT	(M)
West Hartford 02	WHFRCT02	125 S. Main St., West Hartford, CT	(M)
West Haven 00	WSHNCT00	463 Campbell Ave., West Haven, CT	(N)
Westport 00	WSPTCT00	20 Myrtle Ave., Westport, CT	(M)
Wethersfield 00	WTFDCT00	75 Wells Road, Wethersfield, CT	(N)
Willimantic 00	WLMNCT00	40 High St., Willimantic, CT	(M)
Wilton 00	WLTOCT00	34 Old Ridgefield Rd., Wilton, CT	
Windsor 00	WNDSCT00	419 Broad St., Windsor, CT)	
Windsor Locks 00	WLKSCT00	20 Spring St., Windsor Locks, CT	
Winsted 00	WNSTCT00	350 Main St., Winsted, CT	(M)

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ACCESS SERVICE

18.6 Rates and Charges (Cont'd)

A. <u>Cross-Connect Termination</u>	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(1) <u>Special Access</u>				
-DS1 (1.544 Mbps)	CXCDX	\$ 7.72	\$ 176.00	
-DS3 (44.736 Mbps)	CXCEX	\$ 64.20	\$ 184.00	
-OC3/OC3c (155.520 Mbps)	CCCJX	\$ 470.00	\$ 400.00	
-OC12/OC12c (622.08 Mbps)	CCCKX	\$ 940.00	\$ 400.00	
-OC48/OC48c (2488.32 Mbps)	CXCZX	\$ 1,880.00	\$ 400.00	
-OC-192 (9953.28 Mbps)	C2CAX	\$ 3,760.00	\$ 400.00	
-Ethernet Optical Collocation Cross-Connect	CCCA2	\$ 750.00	\$ 400.00	
-GigaMAN [®]				
1 Gigabit Ethernet	OCLGX	\$ 1,500.00	\$ 400.00	
-AT&T Switched Ethernet Service SM				(N)
1 Gigabit Ethernet	OCLGX	\$ 0.46	\$ 132.64	(N)
-OPT-E-MAN SM				(N)
1 Gigabit Ethernet	OCLGX	\$ 100.00	\$ 200.00	(N)
-AT&T Switched Ethernet Service SM				(N)
10 Gigabit Ethernet	OCLHX	\$ 0.46	\$ 132.64	(N)
-DecaMAN SM				
10 Gigabit Ethernet	OCLHX	\$ 3,500.00	\$ 400.00	
(2) <u>Switched Access</u>				
DS1 (1.544 Mbps)	CXCFX	\$ 7.72	\$ 176.00	
DS3 (44.736 Mbps)	CXCGX	\$ 64.20	\$ 184.00	

Some material previously on the page now appears on Original Page 18-16.1.

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ACCESS SERVICE

18.6 Rates and Charges (Cont'd)

		Monthly	Nonrecurring	(M)
B.	<u>Collocated Space</u>			
	Construction Charge			
	-100 Sq. ft.	NRBCN	N/A	\$ 31,114.00
	-200 Sq. ft.	NRBCO	N/A	\$ 43,983.00
	-300 Sq. ft.	NRBCP	N/A	\$ 56,851.00
	-400 Sq. ft.	NRBCQ	N/A	\$ 69,219.00
C.	<u>Collocated Floor Space</u>	SP1SS	\$ 2.70	N/A
	-Per Square Foot in 100 Sq. Ft. Increments			
D.	<u>DC Power</u>	SP1PA	\$ 9.37	N/A
	-Per amp in Increments of 10 amps (100 amp maximum)			
E.	<u>Inner Duct</u> - Per Foot	SP1CA	\$.17	N/A
F.	<u>Riser</u> - Per foot	SP1RC	\$ 1.52	N/A
G.	<u>Placement of Entrance</u> Facility Fiber			
	1. Splicing	NRBCR	N/A	\$54.00 per hr.
	2. Pulling	NRBCU	N/A	\$54.00 per hr.
	3. Design Engineering	NRBCE	N/A	\$57.00 per hr.
H.	<u>Optional Features & Functions</u> Point of Termination Function			
	1. Special Access			
	Per DS1	SP1TD	\$ 1.25	None
	Per DS3	SP1TE	\$ 3.39	None
	2. Switched Access			
	Per DS1	SP1TF	\$ 1.25	None
	Per DS3	SP1TG	\$ 3.39	None

Material on this page previously appeared on 13th Revised Page 18-16.

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ACCESS SERVICE

18.7 Providing Additional Central Offices for Expanded Interconnection

Upon receipt of a bona fide request from an interconnect customer for Expanded Interconnection at a central office not currently providing Expanded Interconnection, the Telephone Company will, to the extent it is able to fulfill the request, make a tariff filing within 45 days of receipt of the bona fide request to be effective upon 45 days notice. This provision is in compliance with the Federal Communications Commission's Memorandum Opinion and Order in the Matter of Expanded Interconnection with Local Telephone Company Facilities, CC Docket No. 91-141, adopted December 18, 1992 and released

December 18, 1992, and the Second Report and Order, CC Docket No. 91-141, Transport Phase I, adopted August 3, 1993 and released September 2, 1993.

(N)

(N)

A. Bona Fide Request

A request for an additional central office for Expanded Interconnection will be considered a Bona Fide Request when the Telephone Company receives a completed Expanded Interconnection Application and the Application Fee as specified in 18.3 preceding.

B. Procedure

A customer who wishes to request Expanded Interconnection in a central office not currently offered, should make this request through their normal Telephone Company Point of Contact.

When the Telephone Company is in receipt of the Bona Fide Request as specified above, the Telephone Company will determine if it can provide Expanded Interconnection in that central office.

1. If the Telephone Company cannot provide Expanded Interconnection in the requested central office, the Telephone Company shall refund the customer's Application Fee.
2. If the Telephone Company can provide Expanded Interconnection in the requested central office, the Telephone Company will then make the required tariff filing(s) to add the central office as required and the process for providing Expanded Interconnection as specified in 18.3 will continue when the filing is effective.

(This page filed under Transmittal No. 588)

ACCESS SERVICE

18.8 Virtual Expanded Interconnection

(N)

18.8.1 General

In central offices where the Telephone Company is unable to provide physical Expanded Interconnection as specified preceding, the Telephone Company will negotiate a virtual Expanded Interconnection arrangement on an individual case basis. Such virtual Expanded Interconnection arrangements will be consistent with the Federal Communications Commission's definition of virtual collocation. Virtual Expanded Interconnection shall enable interconnect customers to designate or specify equipment needed to terminate basic transmission facilities, including optical terminating equipment and multiplexers, to be located within the Telephone Company's central office and dedicated to the interconnect customer's use. The interconnect customer will use such equipment to connect the interconnect customer's fiber optic cable with the Telephone Company's equipment and facilities used to provide special and switched access services as specified in 18.2 preceding. The same cross-connect termination rates and charges shall apply to Virtual Expanded Interconnection arrangements to make the connection from the designated point of termination to the Telephone Company's DSX1 or DSX3 panel as specified in 18.5 and 18.6 preceding.

18.8.2 Individual Case Basis Filings

Individual Case Basis virtual Expanded Interconnection arrangements are filed below:

(N)

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