ACCESS SERVICE

29 SONET-Based Interconnection (SBI)

29.1 General Description

SONET-Based Interconnection (SBI) utilizes SONET technology to connect certain Telephone Company provided access services to an interconnector's facilities. The Telephone Company wire center transmission equipment required to provide SBI is dedicated to the interconnector. However, the equipment manufacturer, type and vendor is specified, ordered, engineered, installed and maintained by the Telephone Company.

The Telephone Company will provide SBI to allow connection to the following Telephone Company-provided intrastate access services:

-Switched Transport (DS1- and DS3-level Entrance Facilities and Direct-Trunked Transport)
-Directory Transport (DS1- and DS3-level Entrance Facilities and Direct-Trunked Transport)
-High Capacity Service (1.544 Mbps)
-MegaLink Custom Service (44.736 Mbps)

The Telephone Company will provide SBI to allow connection to other Telephone Company-provided intrastate Switched Access and Special Access services upon bona fide request. The Telephone Company will issue Guidebook revisions proposing SBI for expanded interconnection to any other generally available Telephone Company-provided Switched Access or Special Access Service upon receipt of a bona fide request.

Regulations contained in Section 2 and 5 of this Guidebook that apply to customers also apply to interconnectors. A description of the rate categories applicable to SBI, how those rate categories are applied and other specific recurring and nonrecurring charges that may also apply are contained in Section 29.6 (Rate Regulations).

SBI is available at Telephone Company wire centers as specified in the National Exchange Carrier Association, Inc., Tariff FCC No. 4.

SBI is not available for the direct connection of one interconnector-provided facility to a different interconnector-provided facility within the same Telephone Company wire center.

29.2 Provisioning

(A) General

The Telephone Company will maintain facility layout designs for the SBI arrangements based upon the interconnector's specification.

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.2 Provisioning (Continued)

(A) General (Continued)

SBI is available for Telephone Company connection at:

- end offices and serving wire centers for Special Access Services and Switched Access Services,

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

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

(B) Entrance Cable

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

The Telephone Company will provide the interconnector with the location of the demarcation point for each entrance cable as well as the length of cable needed to reach the riser tail in the cable vault as set forth in the Telephone Company's Technical Publication for Expanded Interconnection. If, however, the interconnector does not leave the length specified by the Telephone Company and the Telephone Company does not have sufficient cable to make the splice to the riser tail, the interconnector must provide a replacement length of unbroken cable that is spliced on its side of the demarcation point. The maximum number of fibers that can be spliced to a single riser tail is 72.

Ownership of the additional cable length shall be transferred to the Telephone Company. The Telephone Company will maintain and operate the cable.

At wire centers where the Telephone Company has more than one entry point, it will also provide two entry points, where space allows, upon request from an interconnector. Each entry point will be a separate or diverse entrance facility with associated riser tails.

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29 SONET-Based Interconnection (SBI) (Continued)

29.3 Acceptance Testing

At no additional charge, SWBT will perform, upon request of the interconnector, joint acceptance tests of the SBI equipment as defined in the Telephone Company's Technical Publication for Expanded Interconnection.

29.4 Maintenance and Operation Management

The Telephone Company will maintain the SBI arrangement and assure the arrangement is in compliance with the regulations contained in this section. When maintenance activities occur due to trouble in the interconnector's facilities, either as a result of unannounced interconnector activity or as a result of Telephone Company inability to correlate low level service alarms with high level facility alarms (due to the interconnector's control of the high level facilities) charges for additional labor, as set forth in 29.6.2(C) (Additional Labor), will apply.

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

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

- the Telephone Company, upon request, will provide trouble report status for SBI.

- the interconnector, upon request, will provide trouble report status for its services and facilities.

ACCESS SERVICE

29. SONET-Based Interconnection (SBI) (Continued)

29.4 Maintenance and Operation Management (Continued)

Upon request, the Telephone Company will share trouble report status with mutual customers.

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 SBI arrangement. Therefore, the interconnector must exercise assignment control over the SBI arrangement.

Alarm monitoring functions are performed by an alarm collection device (ACD) located at the Telephone Company wire center. An ACD which the interconnector must obtain under this Guidebook, and which is dedicated to the interconnector for its use, is mandatory at each wire center where that interconnector has requested a SBI arrangement, except as noted in the SBI 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, the Telephone Company will provide a SBI hubbing arrangement via an ACD Access Link upon the request of an interconnector. A SBI hubbing arrangement allows alarm/event intelligence to be transported to an interconnector's SBI arrangement equipped with a dedicated ACD from another location occupied by the same interconnector where the interconnector's SBI arrangement is not equipped with an ACD. The ACD Access Link, available only with a SBI hubbing arrangement, provides for the 2.4, 4.8, 9.6 or 56 kbps digital transmission facility between a single interconnector's SBI arrangement(s) not equipped with an ACD to the SBI arrangement where the dedicated ACD is located.

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

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.5 Fresh Look

Fresh Look provisions are as set forth in 25.4 (Fresh Look).

Separate Fresh Look periods will not be established for SBI and Virtual Collocation Expanded Interconnection.

29.6 Rate Regulations

This section contains applicable regulations governing the rates and charges.

There are two types of rates and charges that apply to the various rate elements for SBI. These are nonrecurring charges and monthly recurring rates. Specific rates and charges are set forth in 29.6.7 (Rates and Charges). Jurisdictional Report Requirements are set forth in 2.4 (Jurisdictional Reports).

29.6.1 Rate Elements

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

(A) Cable Vault Splice

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

(B) Entrance Cable

This rate element is composed of the following subelements:

(1) Entrance Cable

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

(2) Splice Case

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

(3) Riser Tail

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

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.1 Rate Elements (Continued)

(C) Optical Carrier Arrangement

This rate element provides

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

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

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

(D) Subtending Optical Arrangement

This rate element provides the middle and low speed plugs and associated equipment to derive optical signals from an optical carrier arrangement.

(E) Subtending Electrical Arrangement

This element provides the middle and low speed plugs and associated equipment to derive electrical signals from an optical arrangement.

The subtending electrical arrangement can be provided at the DS3 level (44.736 Mbps) and at the DS1 (1.544 Mbps) level.

(F) 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 equipment dedicated to the interconnector. This rate element also allows SWBT to monitor the operation of the dedicated equipment for purposes of maintenance and repair.

ACCESS SERVICE

29. SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.1 Rate Elements (Continued)

(F) Alarm Collection (Continued)

(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 the industry accepted protocol TL-1 X .25. In conjunction with the alarm interface, the interconnector may access the simplex output port of the ACD for real time monitoring of alarms and events.

(2) Alarm Interface

This rate element provides four different interface options used in conjunction with the ACD. Each option consists of an arrangement and circuit cards which provide for the transport of ACD output information to the interconnector or for the direct connection of the interconnector network element (INE) craft interface port to the interconnector. By interfacing with the INE craft interface port or data communication channel, the interconnector may reconfigure and supervise the operation of the dedicated equipment. 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 SBI arrangement equipped with a dedicated ACD and the interconnector's SBI arrangement located in a different wire center not equipped with an ACD. The ACD Access Link is available only with a SBI 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.

(G) Interconnection Cross Connect

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

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

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.1 Rate Elements (Continued)

(H) Switched Transport Connection

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

When switched transport connection is provided to an analog office, a DS1 to Voice Grade conversion arrangement will be provided, as set forth in 29.6.2 (A) (Nonrecurring Charges for Installation) and 29.6.3 (H) (Conversion Arrangement).

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.1 Rate Elements (Continued)

(I) Conversion Arrangement

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

Three types of 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.

(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.

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.2 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 SBI are as follows:

(A) Nonrecurring Charges for Installation

(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.

(2) 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.

(3) Optical Carrier Arrangements

For each optical carrier arrangement, the nonrecurring charge applies on a per arrangement basis.

(4) Subtending Optical Arrangement

For each subtending optical arrangement, the nonrecurring charge applies on a per arrangement basis.

(5) Subtending Electrical Arrangement

For subtending electrical arrangements, installation charges are applicable on a first and additional basis. If an interconnector orders multiple subtending electrical arrangements on the same order, the first arrangement is assessed the “first” installation charge and each additional arrangement is assessed the “additional” installation charge.

(6) 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.

ACCESS SERVICE

29. SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.2 Nonrecurring Charges (Continued)

(A) Nonrecurring Charges for Installation (Continued)

(6) Alarm Collection (Continued)

(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. If an interconnector orders multiple termination cards on the same order, the first termination card is assessed the "first" installation charge and each additional termination card is assessed the "additional" charge.

(c) ACD Access Link

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

(7) Interconnection Cross Connect

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

(8) Switched Transport Connection

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

(9) Conversion Arrangement

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

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

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

ACCESS SERVICE

29. SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.2 Nonrecurring Charges (Continued)

(B) Nonrecurring Charges for Engineering Design

The engineering design charge provides for Telephone Company personnel to review the interconnector's application to determine, for example, space availability and specifications for placement of the interconnector's cable and all other associated facilities and equipment, within the provisioning interval as specified in the Telephone Company's Technical Publication for Expanded Interconnection. This information will be provided to the interconnector as part of the quotation of applicable nonrecurring charges. Payment of the engineering design charge must accompany each request for SBI.

The engineering design charge is applied on an initial and subsequent basis. The initial charge will apply to the interconnector's request for a SBI arrangement or the addition of cable. The subsequent charge will apply to any requests to add capacity to an existing SBI arrangement.

(C) Additional labor

Additional labor is that labor required of the Telephone Company at the request of the interconnector for activities which, for example, may require work activity outside of normal business hours. Additional labor may be for either engineer or for technician personnel. The Telephone Company will notify the interconnector that additional labor charges will apply before additional labor is undertaken. Additional labor charges apply on a first and additional basis for each half hour or fraction thereof. If more than one engineer or technician is involved in the same additional labor project, the total amount of time for all employees will be aggregated prior to the distribution of time between the "First Half Hour or Fraction Thereof" and " Each Additional Half Hour or Fraction Thereof" rate categories.

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.2 Nonrecurring Charges (Continued)

(D) Nonrecurring Charges for Rearrangements

Rearrangements are changes to existing SBI 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 SBI arrangement and an installation of a new SBI arrangement 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 29.6.5 (Moves).

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

All other changes to existing SBI arrangements will be treated as a discontinuance of the existing SBI arrangement and an installation of a new SBI arrangement. The nonrecurring charges described in 29.6.2(A) (Nonrecurring Charges for Installation) will apply for this work activity.

ACCESS SERVICE

29. SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.3 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, per splice case and per riser tail basis.

(B) Optical Carrier Arrangement

A monthly rate applies to each optical carrier arrangement on a per arrangement basis.

(C) Subtending Optical Arrangement

A monthly rate applies to each optical arrangement on a per arrangement basis.

(D) Subtending Electrical Arrangement

A monthly rate applies to each electrical arrangement on a per arrangement basis.

(E) 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 SBI arrangement equipped with an ACD and the interconnector's SBI arrangement located in 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 SBI arrangement equipped with an ACD and the interconnector's SBI arrangement located in a different wire center not equipped with an ACD.

ACCESS SERVICE

29. SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.3 Monthly Recurring Rates

(E) Alarm Collection (Continued)

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

Mileage is shown in terms of mileage bands, as specified in 29.6.8 (Rate and Charges). To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as sets forth in the National Exchange Carrier Association, Inc. Tariff FCC 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.

(F) Interconnection Cross Connect

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

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.3 Monthly Recurring Rates (Continued)

(G) Switched Transport Connection

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

(H) Conversion Arrangement

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

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

29.6.4 Minimum Period Charges

The minimum period for which SBI will be provided is 12 months. When SBI is discontinued prior to the expiration of the minimum service period, the applicable charge will be the total monthly charges for the remainder of the minimum period.

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.5 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. If the interconnector requests unique provisioning of a move of their entrance cable point of termination, e.g., request move to be completed outside of normal business hours, charges for additional labor, as set forth in 29.6.2(C) (Additional Labor), will apply.

(B) Reconfiguration

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

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

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.6 Shared Use

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

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

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.7 Rates and Charges

		USOC	Rate per Month	Nonrecurring Charge
(A)	**Cable Vault Splice (per fiber spliced)**	(SPISV)	$ 0.00	$ 22.00
(B)	**Entrance Cable**			
	(1) Entrance Cable (per cable)	(XXXX)	$ 28.14	$ 663.00
	(2) Splice Case (per splice case)	(XXXX)	$ 8.30	$ 1,348.00
	(3) Riser Tail (per tail)	(XXXX)	$ 128.57	$20,893.00
(C)	**Optical Carrier Arrangement**			
	(1) OC3 Arrangement	(XXXX)		
	(a) Terminal Configuration		$ 1,154.80	$ 69.00
	(b) Unidirectional Path Switched Ring Configuration		$ 1,154.80	$ 69.00
	(2) OC12 Arrangement	(XXXX)		
	(a) Terminal Configuration		$ 2,031.01	$ 69.00
	(b) Unidirectional Path Switched Ring Configuration		$ 2,031.01	$ 69.00
	(3) OC48 Arrangement	(XXXX)		
	(a) Terminal Configuration		$ 6,859.34	$ 69.00
	(b) Unidirectional Path Switched Ring Configuration		$ 6,891.31	$ 69.00

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.7 Rates and Charges (Continued)

		USOC	Rate per Month	Nonrecurring Charge
(D)	**Subtending Optical Arrangement**			
	(1) OC3 Arrangement Activation	(XXXX)		
	(a) From OC12 Arrangement		$ 378.31	$ 223.00
	(b) From OC48 Arrangement		$ 632.38	$ 226.00
	(2) OC12 Arrangement Activation	(XXXX)		
	From OC48 Arrangement		$1,420.39	$ 224.00
(E)	**Subtending Electrical Arrangement**			
	(1) DS1	(XXXX)		
	(per 4 DS1s)		$ 49.04	
	first 4 DS1s			$221.00
	additional 4 DS1s			$199.00
	(2) DS3			
	(a) OC3 Arrangement	(XXXX)		
	(per 1 DS3)		$151.58	
	first DS3			$221.00
	additional DS3s			$200.00
	(b) OC12	(XXXX)		
	(per 3 DS3s)		$230.21	
	first 3 DS3s			$221.00
	additional 3 DS3s			$200.00
	(c) OC48	(XXXX)		
	(per 3 DS3s)		$198.53	
	first 3 DS3s			$224.00
	additional 3 DS3s			$203.00

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.7 Rates and Charges (Continued)

		USOC	Monthly Rate	Nonrecurring Charge
(F)	**Alarm Collection**			
(1)	**Alarm Collection Device**			
	TL1 Alarm Collection - Arrangement (1 per 8 ports)	(XXXX)	$190.11	$42,744.00
(2)	**Alarm Interface**			
	(a) NEC 14.4k Analog Application - Arrangement - Termination Card (1 per circuit with a maximum of 12 circuits) first additional	(XXXX) (XXXX)	$ 49.91 $ 49.59	$11,221.00 $ 581.00 $ 523.00
	(b) Conklin 64 kbps Point-to-Point Application - Arrangement - Termination Card (1 per circuit with a maximum of 11 circuits) first additional	(XXXX) (XXXX)	$ 18.94 $ 36.38	$ 4,260.00 $ 581.00 $ 523.00
	(c) GDC 64 kbps Point-to-Point Application - Arrangement - Termination Card (1 per circuit with a maximum of 16 circuits) first additional	(XXXX) (XXXX)	$ 69.86 $ 48.78	$15,709.00 $ 581.00 $ 523.00
	(d) GDC Ethernet,Token Ring, Router Application - Arrangement - Termination Card (1 per circuit with a maximum of 7 circuits) first additional	(XXXX) (XXXX)	$ 86.80 $106.45	$19,513.00 $ 581.00 $ 523.00

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29. SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.7 Rates and Charges (Continued)

(F) Alarm Collection (Continued)

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

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29. SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.7 Rates and Charges (Continued)

		USOC	Monthly Rate	Nonrecurring Charge
(G)	**Interconnection Cross Connect (per cross connect)**			
	(1) DS3	(CXCES,CXCGS)	$ 78.51	$ 125.00
	(2) DS1	(CXCDS,CXCFS)	$ 7.84	$ 125.00
(H)	**Switched Transport Connection (per switched transport connection)**	(AXCFS)	$ 6.96	$ 0.00
(I)	**Conversion Arrangement (per arrangement)**			
	(1) DS1 to Voice Grade	(SP1YV,SP1ZV)	$ 456.73	$ 0.00
	(2) DS1 to DS0	(SP1YO,SP1ZO)	$ 456.73	$ 0.00
	(3) DS3 to DS1	(SP1Y1,SP1Z1)	$ 815.00	$ 202.00
(J)	**Engineering Design Charge**	(NRBCE)		
	(1) Initial		$ 0.00	$ 888.00
	(2) Subsequent		$ 0.00	$ 681.00

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.7 Rates and Charges (Continued)

		USOC	Monthly Rate	Nonrecurring Charge
(K)	**Additional Labor**			
	(a) Engineer			
	- First Half Hour or Fraction Thereof	(XXXX)	$ 0.00	$ 29.62
	- Each Additional Half Hour or Fraction Thereof	(XXXX)	$ 0.00	$ 29.62
	(b) Technician			
	- First Half Hour or Fraction Thereof	(XXXX)	$ 0.00	$ 19.87
	- Each Additional Half Hour or Fraction Thereof	(XXXX)	$ 0.00	$ 19.87

ACCESS SERVICE

29 SONET-Based Interconnection (SBI) (Continued)

29.6 Rate Regulations (Continued)

29.6.7 Rates and Charges (Continued)

		USOC	Monthly Rate	Nonrecurring Charge
(L)	**Reconfiguration**			
	- Special Access			
	- Per DS1	(NRBRH)	$ 0.00	See 7.4 (A)
	- Per DS3	(NRBR3)	$ 0.00	See 16.5.4
	-Switched Transport			
	- Entrance Facility			
	- Per Voice Frequency facility moved to DS1 facility	(NRBKM)	$ 0.00	See 6.9.2(F)
	- Per DS1 facility moved to a DS1 facility	(NRBKN)	$ 0.00	See 6.9.2(F)
	- Per DS1 facility moved to a DS3 facility	(NRBK0)	$ 0.00	See 6.9.2(F)
	- Per DS3 facility moved to a DS3 facility	(NRBKP)	$ 0.00	See 6.9.2(F)
	-Direct Trunked Transport			
	- Per Voice Frequency facility moved to DS1 facility	(NRBKQ)	$ 0.00	See 6.9.2(F)
	- Per DS1 facility moved to a DS1 facility	(NRBKR)	$ 0.00	See 6.9.2(F)
	- Per DS1 facility moved to a DS3 facility	(NRBKS)	$ 0.00	See 6.9.2(F)
	- Per DS3 facility moved to a DS3 facility	(NRBKT)	$ 0.00	See 6.9.2(F)
	-Tandem-Switched Transport			
	- Per Voice Frequency facility moved to DS1 facility	(NRBKU)	$ 0.00	See 6.9.2(F)
	- Per DS1 facility moved to a DS1 facility	(NRBKV)	$ 0.00	See 6.9.2(F)
	- Per DS1 facility moved to a DS3 facility	(NRBKW)	$ 0.00	See 6.9.2(F)
	- Per DS3 facility moved to a DS3 facility	(NRBKX)	$ 0.00	See 6.9.2(F)