

## Lee L. Selwyn

---

**From:** Jim Scheltema [jscheltema@comcast.net]  
**Sent:** Thursday, April 11, 2002 8:34 PM  
**To:** Lee L. Selwyn  
**Subject:** Fw: Verizon New York's Response to GNAPs Data Request



Availability of PRI  
hub Servic...



NYtariff.pdf



Tarrif1.pdf



Tariff2.pdf

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----- Original Message -----

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Sent: Thursday, April 11, 2002 4:51 PM  
Subject: Verizon New York's Response to GNAPs Data Request

> Dear Judge Stein:

>

> At the technical conference last week, you and  
> counsel for GNAPs propounded five data requests regarding the product(s)  
> that Verizon sells to Verizon Online in order to facilitate access to the  
> ISP via "500" numbers. Verizon New York Inc. responds to each data  
request  
> below.

>

> 1) General description of service -- what is it?  
> Verizon New York actually sells two products that  
> would permit an ISP or CLEC to offer a "500" number feature to its  
> customers: the PRI HUB service set forth in the NYPSC Tariff No. 1  
(relevant  
> portions attached) and IPRS service set forth in the FCC Tariff No. 11  
> (relevant portions attached). Although Mr. Haynes testified about the PRI  
> HUB service at the technical conference, Verizon New York has since  
learned  
> that Verizon Online actually purchases the IPRS service from FCC Tariff  
No.  
> 11. General descriptions of each product are contained in the respective  
> tariff sections that are attached.

>

> 2) Scope of availability -- where is it currently  
> available in New York?  
> Verizon New York offers both products in New York.  
> The hub locations for each service are concentration points for data  
traffic  
> originating throughout each LATA where Verizon has a franchise. The hubs  
> for the PRI HUB service are in the New York central offices identified in

> the attached list. Ten customers, in addition to Verizon Online, use the  
> IPRS service in New York . Hub locations for the IPRS service are  
> identified in the federal tariff. The hubs for the IPRS service in New  
York  
> are located in Albany, Binghamton, Buffalo, New York City Metro,  
> Poughkeepsie, and Syracuse LATAs.  
>  
> 3) Pricing terms -- what are the specific price/cost  
> elements?  
> The specific pricing terms are set forth in the  
> respective tariffs. IPRS is not available at a resale discount (FCC  
Tariff).  
> PRI HUB is available at a resale discount. Please note the following:  
>  
> IPRS: By purchasing the ports at the rates set forth  
> in the federal tariff, the IPRS purchaser can send a call from the trunk  
> side of the IPRS HUB central office to the Verizon Fast Packet Network.  
The  
> IPRS purchaser must also buy a connection into the Verizon Fast Packet  
> Network in order to complete the call. Rates for these connections (i.e.,  
> ATM or Frame Relay) are found elsewhere in Verizon's tariffs. IPRS rates  
do  
> not include the price of access to a phone line (i.e., the end user must  
> still buy local phone service to get dialtone).  
> PRI HUB: By purchasing the IOF at the rates in the  
> NYPSC No. 1, the originating caller dialing an ISP served via a PRI HUB  
> purchaser can send a call beyond the local calling area without incurring  
> additional toll charges. A PRI HUB customer (CLEC/ISP) must also purchase  
> dedicated high speed access facilities from the PRI HUB to the (CLEC/ISP)  
> customer premises equipment in order to complete the call. PRI HUB rates  
> do not include the price of access to a phone line (i.e., the end user  
must  
> still buy local phone service to get dialtone).  
>  
> 4) Do access charges apply if a call goes beyond the  
> local calling area of the calling party?  
> No.  
>  
> 5) Do terms, conditions, prices applicable to  
> Verizon Online differ in any way from terms, conditions, prices available  
to  
> other ISPs or CLECs?  
> No, Verizon Online purchases out of the FCC No. 11  
> tariff which is available to all other customers (including but not  
limited  
> to CLECs and ISPs). In addition, as Mr. Haynes testified at the technical  
> conference last week, a customer (including but not limited to a CLEC or  
> ISP) could also purchase out of NYPSC No. 1 to obtain the PRI HUB service  
in  
> order to provide access to the Internet via a local call.  
>  
> <<Availability of PRI hub Service - GNAPS NY Data  
> Request(v1).DOC>> <<NYtariff.pdf>> <<Tarrif1.pdf>>  
> <<Tariff2.pdf>>  
>  
>  
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>

## **NY VZ CENTRAL OFFICES CONTAINING PRI HUBS**

<b>LATA</b>	<b>CENTRAL OFFICE</b>	<b>ADDRESS</b>
132	Second Avenue	204 Second Avenue, Manhattan, NY 10003
132	Williamsburg	Brooklyn, NY 11201
132	Deer Park	85 West Second Street, Deer Park, NY 11729
132	Garden City	741 Zeckendorf Blvd., Garden City, NY 11530
132	White Plains	111 Main Street, White Plains, NY 10601
133	Poughkeepsie-Hamilton	20 South Hamilton Street, Poughkeepsie, NY 12601
133	Kingston	449 Broadway, Kingston, NY 12401
134	Albany-Washington Street	1161 Washington Avenue, Albany, NY 12206
134	Glenn Falls	314 Glenn Street, Glenn Falls, NY 12801
136	Ithaca-Pleasant Grove	Pleasant Grove Road, Ithaca NY 14850
136	Syracuse - State Street	201 South State Street, Syracuse, NY 13202
136	Utica - Genessee Road	280 Genessee Road, Utica NY 13502
138	Binghampton - Henry Street	64 Henry Street, Binghampton, NY 13901
138	Elmira	Wisner Park, Elmira, NY 14901
140	Buffalo - Franklin Street	65 Franklin Street, Buffalo, NY 14202
140	Hamburg	141 Main Street, Hamburg, NY 14075
140	Lockport	52 Walnut Street, Lockport, NY 14094

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Issued: August 1, 2001

Effective: September 1, 2001

By Sandra Dilorio Thorn, General Counsel  
1095 Avenue of the Americas, New York, N.Y. 10036

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DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH® PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL)

THIS SERVICE IS AVAILABLE THROUGH AUTHORIZED SALES CHANNELS OF NEW YORK TELEPHONE COMPANY ONLY.

1. General

INFOPATH® Packet Switching Service utilizes a switched data network, similar to the switched voice network. The network facilities are shared by all users. However, no physical circuit is established for an end user's data call, as in the switched voice network.

The data transmission involved in the network is usually relatively short bursts of data. The data is separated by the customer into discrete segments called packets for high speed transmission through the network. All packets are interleaved (statistically multiplexed) on the facilities as they are transmitted. These packets, which may contain up to 256 characters of data each, automatically have routing and control information inserted (packet header) as well as error detection information inserted at the end of the packet (packet trailer). The complete packet is routed through the network to its intended destination.

Error checking is performed on each packet as it is transmitted through the network. If an error is detected, the sending equipment is informed automatically to retransmit the message. A message could consist of multiple packets or a single packet.

The major components of the packet network are the packet switches, which perform the switching and routing functions, the Packet Assembler/Disassemblers (PAD), which perform the interfacing and concentration functions (statistical multiplexing) and the network facilities.

Various options permit customer flexibility in specifying how they operate on the network. Two forms of service are provided, Permanent Virtual Circuit and Switched Virtual Circuit.

Permanent Virtual Circuits are the electronic equivalent of a private line between two points. At the time of subscription to a Permanent Virtual Circuit, a virtual circuit is established between the two customer locations within the network. While no physical circuits are dedicated, the two locations are electronically connected together, as with a private line.

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DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)1. General (Cont'd)

Switched Virtual Circuit permits an end user to establish a call to any point on the network, similar to the operation on the switched voice network.

Circuits can be designated to be one way incoming, one way outgoing, or two way. The customer also has the option to establish Closed User Groups which permit a subscriber to arrange a sub-network within the public packet network. This option provides for restriction of communications between pre-designated terminals on the network.

Dedicated access for high throughput service, speeds up to 56 kbps, (Direct Access to a Packet Switch) may be obtained through subscription to any of the following services:

- Digipath® Digital Service (Tariff PSC NY No. 6--COMMUNICATIONS)
- Digital Data Service (Tariff FCC No. 1)
- Digipath® Digital Service II (Tariff PSC NY No. 1, Sec. 21, Par. H.)

Dedicated access for medium throughput service (Access to a Packet Assembler/Disassembler (PAD)) may be obtained through subscription to any of the following services:

- Data Over Voice Service (DOV) (Tariff PSC NY No. 1, Sec. 2, Par. J)
- Private Line Circuit (Tariff PSC NY No. 1, Sec. 7, Par. D.3.)

These types of access provide a dedicated connection to the network. A data call is initiated either through the keyboard on the customer's terminal or automatically by computers. Input speeds for synchronous operation may be up to 9.6 kilobits per second (kbps). Input speeds for synchronous X.25 operation may be up to 9.6 kbps on medium throughput services or either 9.6 kbps or 56 kbps on high throughput services.

With Switched Virtual Circuit, the data terminal equipment is connected to the network through the terminal keyboard. The user inputs the number of the remote Data Terminal Equipment (DTE) being called, along with other information, such as a reverse charge request, closed user group number or carrier designation if required for the call. The network will then process a call set-up packet to the called number. After the call is connected and accepted by the called party, a message is sent to the user informing him that the call is connected. If for any reason the call cannot be completed, a message is sent to the calling DTE identifying the reason. For Permanent Virtual Circuit service, the above call establishment is not required due to the equivalent of a permanent connection between the two ends.

Infopath service utilizes packet technology for the transmission of packets of data over digital data facilities using a switched facility for bursty type traffic of X.25 and X.75 protocol.

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)1. General (Cont'd)

The High Throughput port supports customer (DTE) using packet mode operation (X.25 protocol conforming to NYNEX Technical Reference (NTR74250) at speeds of 9.6 Kbps or 56 Kbps, and an interconnection of a public packet network (X.75 protocol conforming to Bell Communications Research Technical Reference TR-NPL 000065) at speeds of 9.6 Kbps or 56 Kbps.

The Medium Throughput port supports customer (DTE) using packet mode operation (X.25 protocol conforming to NYNEX Technical Reference NTR74250) at speeds up to 9.6 Kbps.

Rates include a monthly port charge and a recurring usage charge. No charges apply for holding time or distance within the Local Access and Transport Area (LATA) where the service is available.

Synchronous Dial Access supports customer (DTE) through the subscriber's Local Exchange Line at speeds up to 9.6 Kbps. The Asynchronous Dial Access Services Specified in Paragraph B of this section support customer (DTE) through the subscriber's Local Exchange Line at speeds up to 9.6 Kbps. All Dial Access is offered on a where facilities permit basis. Local exchange tariff rates apply for access a to the Infopath network.

Call Redirection is an option available to subscribers of (X.25) Infopath service. It allows the subscriber to redirect data calls to an alternate location. For each call redirected, the subscriber incurs an additional call set-up packet charge.

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)2. Regulations

## 2.1 Definitions

ASCII - American Standard Code for Information Interexchange. An eight level code for data transfer adopted by the American Standards Association.

Asynchronous - Transmission in which each information character is individually synchronized usually by the use of start-stop elements. The gap between each character is not of a fixed length.

Bursty Traffic - Communications traffic characterized by short periods of high intensity, separated by fairly long intervals of little or no utilization.

Call Initiation - The point in time when network facilities are initially allocated to the establishment of a specific switched virtual call.

Call Redirection - An option available to subscribers which permits a subscriber to redirect calls which are made to its primary location to an alternate location.

Call Termination - The point when common control network facilities allocated to a specific switched virtual call are released for reuse by the network.

Character - An alphanumeric or symbolic unit represented by 8 bits of data, as defined by the ASCII Code.

Closed User Group - The customer may select transmission to network addresses belonging to the same Closed User Group, within the Infopath switched network. Each port may be arranged with as many as 10 Closed User Groups for a Medium Throughput Port and 100 Closed User Groups for a High Throughput Port. Each group may be configured as follows:

- (a) Fully restricted access provides Outgoing and Incoming Access to or from ports belonging to the same Closed User Group only.

Or

- (b) Outgoing access provides the capability to originate calls to ports that do not subscribe to the Closed User Group option. Incoming access is restricted to ports belonging to the same Closed User Group.

Or

- (c) Incoming access, provides the capability to receive calls from all ports. Outgoing access is restricted to ports belonging to the same Closed User Group.

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)2. Regulations (Cont'd)

## 2.1 Definitions (Cont'd)

Data Circuit Terminating Equipment - Network provided equipment interfacing customer provided DTE.

Data Terminal Equipment (DTE) - Customer provided equipment, either terminals or computer, interfacing the Infopath Packet Switched network.

End User - One who uses the Infopath packet switching network to access an Infopath subscriber.

Infopath Port - A communications interface through which a customer obtains access to the Infopath packet switching network.

Kilopacket - One thousand packets.

Logical Channel - A communications channel that allows transmission of sequenced data packets through the network.

Logical Channel - A communications channel that allows transmission of sequenced data packets through the network.

Mnemonic Addressing - This allows the automatic translation of a three or four character code word into a data telephone number identifying the called address.

Multiple Logical Channels - A feature provided with a packet port which allows a customer to simultaneously operate up to 16 separate channels on one Medium Throughput Port and up to 127 separate channels on one 9.6 kbps High Throughput Port or up to 511 separate channels on one 56 kbps High Throughput Port.

Multiline Hunt Group - A group of ports with a single network address. Incoming calls are distributed equally over a maximum of 16 lines.

Multiple Network Address - Secondary network addresses are provided on X.25 and asynchronous ports.

Network Address - Numeric characters used to identify the origination or destination point of each virtual call within the network. (Data telephone number).

Network User Identifier (NUI) - A numeric code that enables an End User to access a particular subscriber. NUI's are provided by the Company on a subscription basis. NUI's will be sold to subscribers of Infopath in blocks of 10 at a minimum.

Octet - A continuous sequence of eight binary digits of information. In most cases an Octet is equivalent to a character.

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)2. Regulations (Cont'd)

## 2.1 Definitions (Cont'd)

Packet - A continuous sequence of Octets of information which is switched through the network as an integral unit. A packet can contain up to 256 Octets of customer data, as well as transmission and error control information. For billing purposes, a packet may contain up to 128 Octets. Packets are counted in 64 Octet billing segments: 2 billing segments equal 1 packet (128 Octets); 4 billing segments equal 2 packets (256 Octets).

Packet Switch - A part of the Infopath network which performs the routing and switching function.

Permanent Virtual Circuit - A private line like circuit that is established on a permanent basis. No call establishment, call termination, or network addresses are used with a permanent virtual circuit.

Port - An interface through which the customer connects to the network.

Protocol - Rules for interactions between two interfaces.

Segment - A continuous sequence of up to 64 Octets.

Subscriber - A user (customer) of Infopath service who is responsible for payment of Infopath service charges.

Switched Virtual Circuit - A communications channel (logical channel) established on a switched basis as a result of the call establishment procedure, via one network address calling another network address. The communications channel exists until the call is terminated by either the calling or called party.

Synchronous - A form of communications where characters or bits are sent in a continuous stream, with the beginning of one contiguous with the end of the preceding one. Separation of one from another requires the receiver to maintain synchronism to a master timing signal.

Throughput - The amount of information that can be moved through an interface port to and from a customer's computer or terminal.

Throughput Class Negotiation - This function permits negotiation on a per call basis of the throughput classes/speed for each direction of data transmission. The attainable throughput on a virtual circuit is constrained by the access line characteristic, i.e. physical speed divided by the number of logical channels, the local window sizes and the number of active virtual circuits at both the local and remote DTE/DCE interface. Throughput Class is expressed in bits per second.

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE – SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)2. Regulations (Cont'd)

## 2.1 Definitions (Cont'd)

Transaction Service Access - A billing arrangement available to Infopath subscribers whose customers have a need to transfer small amounts of data many times each day. Minutes of use, call set-up packet and kilopacket transport charges do not apply to transaction service. However, a per transaction charge will be billed to the subscriber, and local exchange usage will be billed to the end user. A "Transaction" is defined as the equivalent of 10 or less packets of data. Data transport which exceeds 10 packets of data will be charged via the current packet usage rate stated in the tariff.

Window Size Negotiation - The window size is defined as the maximum number of unacknowledged packets allowed at any time. Default window size is two packets. Negotiated maximum window size is seven packets.

X.25 - The international protocol that defines the interface between the customer equipment and a public packet network Data Circuit Terminating Equipment.

X.75 - The international protocol that defines the interface between public packet networks.

## 2.2 Applications

- a. The service is available where facilities permit.
- b. High Throughput ports utilize Digipath® Digital Service, Digipath® Digital Service II (DDS II Service), or Digital Data Service from the customer premises to the packet switch.
- c. Medium Throughput ports utilize Data Over Voice or private line channels from the customer premises to the Infopath port.
- d. Dial Access ports may utilize either synchronous or asynchronous modems. They may either be private ports subscribed to on a monthly basis, or public ports with reverse charge billing only. Dial Access ports are only used to originate calls into the Infopath network.

Customers access this type of service by dialing an Infopath number utilizing the customer's existing exchange line. Local exchange tariff rates apply for access to the Infopath packet network.

Dial Access to public ports requires the end user to input a Data Network Address (DNA) after gaining access to the Infopath network in order to connect with a particular subscriber. Usage is measured in minutes of Infopath network connection holding time and is billed to the subscriber accessed. In addition, usage charges, i.e., call set-up and subsequent packets transmitted, are billed to the subscriber accessed.

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)2. Regulations (Cont'd)

## 2.2 Applications (Cont'd)

## d. (Cont'd)

Private dial access ports are dedicated to one customer, and calls originated at these ports are automatically routed to a network address specified by the customer subscribing to the port. In addition to local usage rates, charges apply for a recurring port charge billed at a fixed monthly rate, call set-up packets and basic X.25 usage.

- (e) Service is provided in conjunction with Local Exchange Service as provided in Section 1, General Rules and Regulations, of this Tariff.
- (f) Monthly rates do not include detailed call billing.
- (g) In cases where there is no Infopath Advanced Network Processor (ANP) in the customer's serving wire center, the Infopath network may be extended to that customer's serving wire center via a dedicated inter-office channel from the nearest wire center with an available Infopath ANP. This access method is available through utilizing the rates and regulations found in Section 7, Private Line, of this Tariff.

2.3 Classification of Service

## A. High Throughput Service

- (1) Is connected to the network via a dedicated port on the packet switch with an X.25 packet mode which conforms to NYNEX Technical Reference NTR 74250 or an X.75 packet mode which conforms to Bell Communications Research Technical Reference TR-NPL000065.
- (2) Requires DDS or DDS II Service as found in applicable tariffs.
- (3) Available at data speeds of 9.6 kbps with up to 127 logical channels or 56 kbps with up to 511 logical channels, and up to 100 consecutive network addresses.
- (4) Can be arranged for either incoming only, outgoing only or two-way calls.
- (5) Service Order Charges in Section 14 of this Tariff apply to rearrange any service options.
- (6) Charges are comprised of service elements, usage elements and optional service elements, where appropriate, see Paragraph 4.1 following.

DIGITAL DATA COMMUNICATION SERVICEA INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)2. Regulations (Cont'd)

## 2.3 Classification of Service (Cont'd)

## B. Medium Throughput Service

- (1) Requires customer provided Data Terminal Equipment using X.25 packet mode operation which conforms to NYNEX Technical Reference NTR74250.
- (2) Requires a Data Over Voice channel, or a Private Line Channel from the customer's premise to the Infopath switching service.
- (3) Available at data speeds of 1.2 kbps, 2.4 kbps, 4.8 kbps and 9.6 kbps.
- (4) Synchronous Service Packet mode provides for the capability of up to 32 logical channels and 10 consecutive network addresses for each port.
- (5) Connected to the Infopath network on a full time basis.
- (6) Optional feature change charges apply to rearrange any service option.
- (7) Subject to the availability of facilities.
- (8) Appropriate Service Connection Charges apply as found in Section 14 of tariff, PSC NY NO. 1.
- (9) Allows for both originating and terminating capability.
- (10) Charges are comprised of service elements, usage elements, and optional service elements where appropriate, see Paragraph 4.2 following.

## C. Dial Access

There are two types of Dial Access Ports:

Private Dial Ports may be leased to subscribers of Infopath service for use by their customers. All calls which originate at these ports are billed to the Infopath subscriber and are connected to predetermined network addresses selected by the subscriber.

Public Dial Ports provide reverse billing only and are provided by the Telephone Company for use by end users in order to connect to various network addresses which they can select on a per call basis. End users must present to the network a DNA.



DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)2. Regulations (Cont'd)

## 2.3 Classification of Service (Cont'd)

## C. Dial Access (Cont'd)

Dial Access is connected to the network via a dedicated port on the PAD which is connected to a modem, which in turn is connected to a dial tone line.

Dial Access is available at data speeds up to 9.6 kbps.

Dial Access is arranged to originate calls only through the Infopath network.  
End users access these ports through their own Local Exchange Line by dialing the line number of the Infopath port.

The end user's modem must be compatible with the modem attached to the Infopath port.  
Dial Access Ports are provided only where facilities permit at the discretion of the Company.

3. Flexible Pricing

- a. Infopath rates currently in effect are listed in the Attachment following all pages of this Section.
- b. The Company may change Infopath rates within the minimum/maximum range upon 10 days notice to the Commission by filing a revised Attachment.

The Company may not change a rate unless the rate has been in effect for at least 30 days.

- c. The Company will notify Infopath customers of rate changes.

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)4. Rates and Charges

## 1. High Throughput Service

Provides the capability to transmit and receive data at speeds of 9.6 kbps or 56 kbps.

Port charges include central office equipment at the packet switch and a central office data service unit. The customer must subscribe to one of the following services in order to access a high throughput port:

- Digital Data Service (Tariff FCC No. 11)
- Digipath® Digital Service (Tariff PSC NY No. 6--COMMUNICATIONS)
- Digipath® Digital Service II (Tariff PSC NY No. 1, Sec 21, Par. H.)

Charges are based on usage to all network addresses in the same serving area. A charge applies for a call set-up packet, one for each switched virtual connection. Packets are accumulated and charged on a monthly basis.

	<u>Monthly Rate*</u>		<u>Non-R Charge#</u>	<u>USOC</u>
	<u>Minimum</u>	<u>Maximum</u>		
a. High Throughput Port Charge* (includes First Address)				
(1) 9.6 kbps X.25 Protocol (Includes 127 logical channels), Each	\$275.00	\$450.00	\$250.00	LDD96
(2) 56 kbps X.25 Protocol (Includes 511 logical channels), Each	375.00	550.00	250.00	LDD56
(3) 9.6 kbps X.75 Protocol (Includes 127 logical channels), Each	275.00	450.00	250.00	LDD97
(4) 56 kbps X.75 Protocol (Includes 511 logical channels), Each	375.00	550.00	250.00	LDD57

\* See Rate Schedule for rates currently in effect.

# Non-recurring charge in addition to applicable Service Connection Charges.

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)4. Rates and Charges (Cont'd)

## 1. High Throughput Service (Cont'd)

## b. Usage Charge\*

	<u>Monthly Accumulated</u>		<u>USOC</u>
	<u>Minimum</u>	<u>Maximum</u>	
(1) Call set-up packet, each	\$0.01	\$0.015	
(2) a. Each kilopacket or part thereof (8AM to 8PM Monday thru Friday): Monthly Total:**			
01 - 1,000	0.55	0.80	
1,001 - 5,000	0.45	0.70	
Over 5,000	0.35	0.60	
b. Each kilopacket or part thereof (all other times***)	0.30	0.55	
(3) Transaction Service, each transaction	0.01	0.02	TAN

\* See Rate Schedule for rates currently in effect.

\*\* The rate paid for all kilopackets transmitted during the 8AM to 8PM time period, Monday thru Friday is determined by the total number of kilopackets transmitted in one (1) monthly period, during that 12 hour window, Monday thru Friday.

\*\*\* All other times: 8PM to 8AM Monday thru Friday, all day(s) Saturday, Sunday and Holidays: New Years, Independence Day, Labor Day, Thanksgiving, and Christmas.

Issued: August 1, 2001

Effective: September 1, 2001

By Sandra Dilorio Thorn, General Counsel  
1095 Avenue of the Americas, New York, N.Y. 10036

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)4. Rates and Charges (Cont'd)

## 1. High Throughput Service (Cont'd)

## c. Optional X.25 and X.75 Features

	<u>Monthly Rate*</u>		<u>Non-R Charge#</u>	<u>USOC</u>
	<u>Minimum</u>	<u>Maximum</u>		
(1) Closed User Group- Feature Establishment Charge			\$25.00	
Closed User Group, Per Port	\$ 2.00	\$ 7.00		LDJ
(2) Permanent Virtual Circuit, Each	6.00	15.00	25.00	LDV
In addition, a Usage Charge applies for each kilopacket as in A.4.I.b(2) preceding.				
(3) Multiple Addresses (X.25 only) (First address is included in the charge. A maximum of 100 addresses. For each 9.6 kbps or 56 kbps port may be provided) 2 to 10 addresses, per Group	8.00	12.00	25.00	LDQ
Next 11 to 100 addresses, per Group	40.00	60.00	35.00	LDQAX
(4) Throughput Class Negotiate	8.00	12.00	25.00	LDI
(5) Window Size Negotiation	8.00	12.00	25.00	LHW
(6) Network User Identifier (NUI) Blocks of 10	1.00	5.00		LOGPG
	<u>Establishment Charge</u>			
(7) Call Redirection (X.25 only) per additional location		\$25.00		LRD
(8) Mnemonic Addressing		\$75.00		LJE

NOTE: If a customer requested a change after service is established, an Optional Feature Change Charge will apply for each Service Order as found in 4.5. following.

\* See Rate Schedule for rates currently in effect.

# Non-Recurring charge in addition to applicable Service Connection Charges.

Issued: August 1, 2001

Effective: September 1, 2001

By Sandra Dilorio Thorn, General Counsel  
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DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)4. Rates and Charges (Cont'd)

## 2. Medium Throughput Service

Port charge includes central office equipment which provides the capability to transmit and receive data at speeds up to 9.6 kbps. The customer must subscribe to one of the following services in order to access a medium throughput port:

- Data Over Voice Service (D.O.V.) (Tariff PSC NY No. 1, Sec. 2, Par J.)
- Private Line Circuit (Tariff PSC NY No. 1, Sec. 7, Par D.3.)

Charges are based on usage to all network addresses in the same serving area. A charge applies for a call set-up packet, one for each switched virtual connection. Packets are accumulated and charged on a monthly basis.

## a. X.25 and X.75 Features

	<u>Monthly Rate*</u>		<u>Non-R Charge#</u>	<u>USOC</u>
	<u>Minimum</u>	<u>Maximum</u>		
(1) X.25 Port (includes first logical Channel and network address)				
1.2 kbps )				LDZ12
2.4 kbps )	\$ 15.00	\$ 30.00	\$ 30.00	LDZ24
4.8 kbps )				LDZ48
9.6 kbps )				LDZ96
(2) Additional Logical Channels, (Maximum 32 additional channels per port) each logical channel	3.00	7.00		LD92V

## b. Usage Charge+

## c. Optional X.25 Features \*

NOTE: If a customer requested a change after service is established, an Optional Feature Change Charge will apply for each Service Order as found in 4.5. following.

\* See Rates and charges for X.25 features as specified in Par. A.4.1.C. (1) – (8)

+ See Usage Charges as specified in Paragraph A.4.1.b. (1) – (3)

# Non-Recurring charge in addition to applicable Service Connection Charges.

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE – SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)4. Rates and Charges (Cont'd)

## 3. Dial Access

Private Dial Access Service Charge consists of the following elements:

- A Service Establishment Charge. This is a one time, non-recurring charge.
- A private Access Port Charge. This charge covers the use of a subscriber's central office exchange number and modem equipment to provide the capability to transmit and receive data at speeds up to 9.6 kbps, where facilities permit.
- Usage Charges. Normal local exchange usage rates apply from the end user's location to the point of the private port.
- In addition, the following charges apply:  
Call set-up  
Subsequent packets transmitted

## Synchronous Dial Access

- (1) Private Dial Access Port  
(For transmission speeds  
up to 9.6 kbps)

		Non Recurring# Charge	
		<u>\$ 150.00</u>	
(a) Service Establishment Charge			
Recurring charges:			
		<u>Monthly Rate*</u>	
		<u>Minimum</u>	<u>Maximum</u> <u>USOC</u>
b)	For transmission speeds up to 2.4 Kbps	\$ 30.00	\$ 70.00      PE90P
c)	For transmission speeds 4.8 kbps to 9.6 Kbps	30.00	70.00      PE90Q
d)	Additional Logical Channels, (Maximum 32 additional channels per port) each logical channel	3.00	7.00      LD92V
e)	Optional X.25 Features**		

\* See Rate Schedule for rates currently in effect.

\*\* See Rates and Charges for X.25 features as specified in Paragraph A.4.I.c. (I)-(8)

# Non-Recurring Charge in addition to applicable Service Connection Charges.

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)4. Rates and Charges (Cont'd)3. Dial Access (Cont'd)(2) Public Dial Access Service:

(a) <u>Usage Charge</u> for transmission speeds up to 9.6Kbps	<u>Per Minute</u>	
	<u>Minimum</u>	<u>Maximum</u>
	\$0.005	\$0.03

(3) Usage Charge+ Monthly Accumulated Rate4. Optional X.25 Features

- (a) Incoming Calls Barred - Prevented from accepting incoming virtual calls.
- (b) Outgoing Calls Barred - Prevented from placing outgoing virtual calls.
- (c) Fast Select Acceptance - Permits up to 124 octets of user data to be received in the call requests packet and transmission of up to 124 octets of user data in the call connected or clear indication packet.
- (d) Non-Standard Default Window Size (for Permanent Virtual Circuit) - Permits the customer to select up to seven window sizes for one or both directions of transmission. If not selected, the window size for both directions of transmission is two.
- (e) Non-Standard Default Packet Size (For Permanent Virtual Circuit) - Permits the customer to select a packet size of 64, 128 or 256 octets for one or both directions of transmission. If not selected, the packet size for both directions of transmission is 128 octets.
- (f) One-Way Incoming Logical Channel - The logical channel is restricted from placing outgoing virtual calls.
- (g) One-Way Outgoing Logical Channel - The logical channel is prevented from accepting incoming virtual calls.
- (h) Multiple Line Hunt Group - Incoming calls are equally distributed over a maximum of 16 lines containing a single network address.
- (i) Reverse Charge Acceptance - Permits the designated port to accept reverse charge calls.

NOTE: If a customer requests a change after service is established, an Optional Feature Change Charge will apply for each Service Order as found in 4.5 following.

+ See Usage charges as specified in Paragraph A.4.1.b. (1)-(2)

DIGITAL DATA COMMUNICATION SERVICEA. INFOPATH PACKET SWITCHING SERVICE - SYNCHRONOUS (X.25 AND X.75 PROTOCOL) (Cont'd)4. Rates and Charges (Cont'd)

## 5. Optional Feature Change Charge

	Non-Recurring Charge	USOC
Per Service Order	\$25.00	X25



DIGITAL DATA COMMUNICATION SERVICEB. INFOPATH® PACKET SWITCHING SERVICE ASYNCHRONOUS

THIS SERVICE IS AVAILABLE THROUGH AUTHORIZED SALES CHANNELS OF NEW YORK TELEPHONE COMPANY ONLY AND IS USED IN CONJUNCTION WITH INFOPATH PACKET SWITCHING SERVICE - X.25 and X.75 PROTOCOL FOUND IN THIS SECTION, PARAGRAPH A. PRECEDING.

1. General

Today's terminals, generally CRTs and personal computers, operate in an asynchronous mode (start-stop). Asynchronous operation transmits each character as an independent transmission, as the character is typed in the terminal. For asynchronous operation of Infopath service, the Company must provide equipment to assemble the characters into packets for transmission through the packet switched network, and disassembles the packets into characters for transmission to the end terminal. The Packet Assembler/Disassembler or PAD is used to interface terminals in the Infopath packet network. The assembled packets are multiplexed by the PAD for transmission through the network. This multiplexing function improves network efficiency.

2. Regulations

The regulations for Asynchronous service are the same as for Synchronous Infopath service found in this section Paragraph A.2 preceding. In addition, the following regulation applies:

Subscribers to Private Dial Access Service pay a recurring port charge at a fixed monthly rate, in addition to call set-up packets and basic X.25 usage.

3. Asynchronous mode operation provides single channel capability conforming to NYNEX Technical Reference NTR74252 utilizing ASCII Code.

- a. Dial Access - Originates to both private dial access and public dial access ports and provides reverse charge billing only. The asynchronous low throughput service (dial access supports speeds up to 9.6 kbps) is available where facilities permit. Customers access this type of service by dialing an Infopath number utilizing the customer's existing exchange line. Local exchange tariff rates apply for access to the Infopath packet network.

Private dial access ports are dedicated to one customer, and calls originated at these ports are automatically routed to a network address specified by the customer subscribing to the port. In addition to local usage rates, charges apply for a recurring port charge billed at a fixed monthly rate, call set-up packets, and basic X.25 usage.

DIGITAL DATA COMMUNICATION SERVICEB. INFOPATH PACKET SWITCHING SERVICE ASYNCHRONOUS (Cont'd)

## 3. (Cont'd)

## a. (Cont'd)

Public dial access ports require the end user to input a DTN, after gaining access to the Infopath network, in order to connect with a particular subscriber. Usage is measured in minutes of Infopath network connection holding time and is billed to the subscriber accessed. In addition, usage charges, as described in paragraph 5.1 below, call set-up, and subsequent packets transmitted are billed to the subscriber accessed.

- b. Dedicated Access - Requires a DOV, or a Private Line Channel. It may originate and terminate calls and may be prepaid or reverse charged.

4. Flexible Pricing

- a. Infopath rates currently in effect are listed in the Attachment following all pages of this Section.
- b. The Company may change Infopath rates upon 10 days notice to the Commission by filing a revised Attachment. The Company may not change a rate unless the rate has been in effect for at least 30 days.
- c. The Company will notify Infopath customers of rate changes.
- d. Asynchronous medium throughput rates may be reduced selectively and in varying amounts as long as rates cover their relevant incremental costs.
- e. Asynchronous medium throughput rates may be increased selectively and in varying amounts not to exceed 25 percent per year.

DIGITAL DATA COMMUNICATION SERVICEB. INFOPATH PACKET SWITCHING SERVICE ASYNCHRONOUS (Cont'd)5. Rates and Charges

## 5.1 Asynchronous Dial Access\*

## a. Private Dial Access Service Charges consist of the following elements:

- A Service Establishment Charge. This is a one time, non-recurring charge.
- A Private Access Port Charge. This charge covers the use of a subscriber's central office exchange number and modem equipment to provide the capability to transmit and receive data at speeds up to 9.6 kbps, where facilities permit as specified in Paragraph A.4.3.(1), (2) preceeding.
- Usage Charges. Normal local exchange usage rates apply from the end user's location to the point of the private port as specified in Paragraph A.4.1.b.(1), (2) preceeding.
- In addition, the following charges apply:

Call set-up  
Subsequent packets transmitted

## 5.2 Asynchronous Medium Throughput Service (Dedicated Access)

## a. Asynchronous medium throughput service period contracts are available only for contracts of fifty (50) user channels or more.

The customer may subscribe to asynchronous service on a month-to-month basis, or under 1, 2, 3, and 5 year contracts. A customer may, however, subscribe only to a maximum of two different contract periods concurrently.

A customer subscribing to service on a month-to-month basis, may, at any time, convert to a contract period by executing a Letter of Agreement for the currently effective contract periods and rates. A record order charge applies to each user channel converted to a contract period. The contract rate shall not apply retroactively.

Contracts for each customer will be effective on the date established in a signed contract and terminate 1, 2, 3 or 5 years from that date, as applicable.

\* Same as Synchronous Dial Access monthly rates in Paragraph A.4.3.1-2. Usage Charges apply as specified in Paragraph A.4.1.6.1-3.

DIGITAL DATA COMMUNICATION SERVICEB. INFOPATH PACKET SWITCHING SERVICE ASYNCHRONOUS (Cont'd)5. Rates and Charges (Cont'd)

## 5.2 Asynchronous Medium Throughput Service (Dedicated Access) (Cont'd)

## a. (Cont'd)

Additional user channels subscribed to during the contract period will be billed at the contract rate and continue at that rate until the end of the contract period.

Any user channels subject to the terms of a contract rate that are disconnected prior to the contract termination date (as specified above) will be subject to termination charges calculated as follows:

Termination Charge	=	Number of user channels disconnected prior to Termination date (as Specified above)	X	Difference between month-to-month and contract rate.	X	Number of months disconnected user channels were in service.
--------------------	---	---	---	--	---	--

A customer may disconnect a user channel without incurring a termination charge, if the customer subscribes to a new user channel, at the same speed (i.e., considered a replacement) within 60 days. During this 60 day period, billing will continue without interruption for the full contract rate.

	<u>Rates</u>	<u>USOC</u>
2.4 kbps	) See Rate Schedule	
4.8 kbps	) for prices currently	
9.6 kbps	) In force	

## b. Usage Charge\*

## c. Optional Features

The following optional X.25 features are available in conjunction with Asynchronous Medium Throughput Service. Rates and charges as specified for X.25 Medium Throughput Service will apply as follows:

	<u>Monthly Rate</u>	<u>USOC</u>
	<u>Minimum</u> <u>Maximum</u>	
(1) Closed User Group- Feature Establishment Charge Closed User Group, Per Port    LDJ	See Par. A.4.1.C.(1)-(2)	
(2) Permanent Virtual Circuit	See Par. A.4.1.C.(1)-(2)	LDV

\* See Usage charges as specified in Paragraph A.4.1.b. (1)-(3).

DIGITAL DATA COMMUNICATION SERVICEC. SWITCHWAY® SERVICE1. General

SWITCHWAY® Service uses the exchange network for data transmission. This is a digital end-to-end switched full duplex service, available either at low or high speeds.

SWITCHWAY Service customers access the service by means of a dedicated access line; a Digital Service Line, as defined in Section 2, Basic Exchange Service, of this tariff; or an ISDN Primary Service B Channel (utilizing the ISDN Primary Service Circuit Switched Data feature) as defined in Section 21 of this tariff.

2. Regulations

SWITCHWAY Service requires a digital subscriber loop facility. Where only loaded facilities are available, the Company will, at the customer's request, deload the facilities (when technically feasible) at charges based on cost. An access line provisioned by an interconnector must conform to the same facilities criteria.

## 2.1 Definitions

Access Line

A dedicated switched digital transmission path, at speeds up to 56 Kb/s, between the customer's premises and the customer's serving Central Office. The transmission path must be unloaded facilities, or fiber, between the customer's location and the Central Office.

ASCII

American Standard Code for Information Interchange. An eight level code for data transfer adopted by the American Standards Association.

Asynchronous

Transmission in which each information character is individually synchronized usually by the use of start-stop elements. The gap between each character is not of a fixed length.

Call Initiation

The point in time when the network and exchange facility are initially allocated for the establishment of a specific SWITCHWAY

DIGITAL DATA COMMUNICATION SERVICEC. SWITCHWAY SERVICE (Cont'd)2. Regulations (Cont'd)

## 2.1 Definitions (Cont'd)

Call Termination

The point when the exchange network facility allocated to a specific SWITCHWAY Service call is released for reuse by the network.

Character

An alphanumeric or symbolic unit is represented by 8 bits of data information.

Synchronous

Transmission in which there is a constant time interval between bits, characters or events.

## 2.2 Application

- a. The General Rules and Regulations as specified in Section 1 of this tariff apply to this service.
- b. Service is provided only within the Local Access Transport Area where facilities are available.
- c. Provision of this service is subject to the availability of facilities and does not create an obligation on the Company to construct facilities especially for this service.
- d. A customer premises data unit must be compatible with the Company's central office SWITCHWAY facilities, and is subject to the limitations specified in BELLCORE Technical Reference TR-EOP-000277 or NYNEX Technical Reference NTR74374 or NTR41458.
- e. SWITCHWAY Service, via a dedicated access line, is available at low speed asynchronous 300 bps to 19.2 kbp/s, low speed synchronous 1.2 kbp/s to 19.2 kbp/s, or high speed synchronous 48 kbp/s or 56 kbp/s. Digital Service Line access is available at up to 64 kb/s, as defined in Section 2, Basic Exchange Service, of this tariff. ISDN Primary Service B Channel access (utilizing the ISDN Primary Service Circuit Switched Data feature) is available at up to 64 kb/s, as defined in Section 21 of this tariff.
- f. Monthly rates do not include detailed call billing.
- g. Subscribers not served directly by a suitably equipped central office will require an interoffice channel from their serving wire center to a SWITCHWAY equipped central office within the LATA. The interoffice channel will be billed to the customer under mileage rates for a voice grade circuit. The interoffice mileage rates applicable are found in Section 7 of this tariff.

DIGITAL DATA COMMUNICATIONS SERVICEC. SWITCHWAY<sup>sm</sup> SERVICE (Cont'd)2. Regulations (Cont'd)

## 2.2 Application (Cont'd)

- h. A customer subscribing to SWITCHWAY Port Service only is not eligible for the service arrangement as described in 2.2.g preceding.
  - i. The rates applicable are those in effect for Local Exchange Usage Rates as specified in P.S.C. NY Nos. 2 and 3--COMMUNICATIONS. In addition, a surcharge applies for the initial call set-up and additional minutes of use.
  - j. The minimum period for which service or port is furnished and for which charges are applicable is three months. The charges for a fractional part of a month which follows and is consecutive after three months will be a proportionate part of the monthly charge.
  - k. Temporary suspension of service arrangement is not provided.
  - l. Service connection charges apply as found in Section 14 of this Tariff.
  - m. The System Establishment Charge - Additional, applies only to lines ordered at one time, from the same switch and to the same premises, for the same customer. The "Part Only" System Establishment Charge - Additional, applies only to parts ordered at one time, from the same switch, for the same customer.
3. Flexible Pricing
- a. SWITCHWAY Service rates may be reduced selectively and in varying amounts so long as rates cover their incremental costs.
  - b. SWITCHWAY Service rates may be increased selectively and in varying amounts not to exceed 25 percent per year.
  - c. The changes made to the port rates will also apply to the corresponding port rates in Section 25.
  - d. The Company reserves the right to change the rates, as described in a., b. and c. preceding, at any time upon 10 days notice to the Public Service Commission by providing a revised Rate Schedule and appropriate cost support.

DIGITAL DATA COMMUNICATIONS SERVICE

C. SWITCHWAY<sup>sm</sup> Service (Cont'd)

3. Flexible Pricing (Cont'd)

- e. A rate will not be changed unless it has been in effect for at least 30 days.
- f. Appropriate customer notification of SWITCHWAY Service rate changes will be made.
- g. SWITCHWAY Service rates may be changed in accordance with the provisions of a. through f. on a wire center by wire center basis in any wire center area where a certified local exchange carrier has established a presence.

4. Rates and Charges

See Rate Schedule for rates and charges currently in effect.



DIGITAL DATA COMMUNICATIONS SERVICED. DATA TRANSMISSION NETWORK SERVICES OFFERING TO NYSErnet, INC.

(Furnished on a trial basis. Expiration date December 31, 1988, unless sooner cancelled, changed or extended.)

1. Description

Data Transmission Network Services consist of packet switching transmission utilizing networks in several LATAs with access to an interLATA carrier chosen by NYSErnet, Inc. The end user will be responsible for interLATA communications, Local Area Networks (LANs), and terminal equipment.

The Data Transmission Network Services are available to NYSErnet, Inc. at the following research locations in New York State:

- Columbia University
- New York University
- Brookhaven Laboratories
- Rensselaer Polytechnic Institute
- Cornell University
- Rochester University
- City University of New York
- Polytechnic Institute
- Rockefeller University
- SUNY - Stony Brook
- SUNY - Binghamton
- SUNY - Albany
- SUNY - Buffalo
- Clarkson University
- Syracuse University

Other locations may be added as the trial progresses.

2. Rates and Charges

- a. During the two year trial, the Company will bear the cost of development, construction and operation of the intraLATA networks.
- b. During the first six months in which a NYSErnet member receives services under this trial, the Company shall not bill NYSErnet for the use by that member of the intraLATA networks.
- c. After the initial six month period and for the remainder of the trial, charges for the use of the intraLATA networks shall not exceed the incremental costs of providing the services. The guideline for determining such charges shall be the methodology specified in Section 3 of the Company's "Uniform Billing Practices and Rates for Special Assemblies".
- d. The charges will be shown on a Rate Schedule Attachment and will become effective after seven days notice to the Public Service Commission.

E.

DIGITAL DATA COMMUNICATIONS SERVICEF. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE1. General

NYNEX Enterprise Network Reconfiguration Service (NENRS) enables customers to reconfigure transport services, i.e., voice grade private line, Superpath 1.5 megabit/sec service, Superpath Optical 45 megabit/sec service, DIGIPATH Digital Service II

(DDS II), or NYNEX Enterprise Service circuits, from one point to any other point within their network. Voice grade and DDS II circuits will utilize 56 kilobits per second (56 kbps) Network Access Ports to access NENRS reconfiguration capabilities. Superpath Service circuits will utilize 1.544 Megabits per second (Mbps) Network Access Ports or 45-Mbps Network Access Ports. NYNEX Enterprise Service customers will utilize NYNEX Enterprise Service DS0, Fractional DS1, DS1, Standby DS1, DS3, or Standby DS3 Network Access Ports. Customers who subscribe to NENRS in conjunction with Superpath Optical 45 megabit/sec service may only reconfigure lower-speed channels derived from those 45-Mbps or DS3 circuits.

Local loop transport for the services which may be reconfigured via NYNEX Enterprise Network Reconfiguration Service may be provided under the terms and conditions of Integrated Access Service, as described in Section 12, Paragraph N. of this tariff.

Reconfiguration may be accomplished via contacting a NENRS attendant (Attendant Access) or the NYNEX Enterprise Service Single Point of Contact (SPOC Access). Reconfiguration may also be accomplished via a customer-provided terminal at the customer's premises issuing commands via a dial-up or private line access arrangement to the NENRS controller. The controller determines if the customer's instructions are valid and passes the appropriate commands to the Company central office-based digital cross-connect system devices to effect the reconfiguration.

Customers who subscribe to NENRS in conjunction with NYNEX Enterprise Service must also subscribe to NYNEX Enterprise SPOC Access only, as described in F. 2., following.

Subscribers to Superpath 1.5 megabit/sec service or Superpath Optical 45 megabit/sec service who wish to use NENRS to reconfigure individual channels within the capacities of either service must subscribe to the appropriate central office multiplexing arrangements to derive the individual channels to be reconfigured. Multiplexing arrangements are required to derive the individual channels from the higher capacity service and to reconstitute the individual channels back to the higher capacity service after reconfiguration is accomplished.

All circuits provided in conjunction with NENRS will continue to be provided under existing private line or digital data communications tariffs.

DIGITAL DATA COMMUNICATIONS SERVICEF. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)2. Optional Features

- a. Automatic Reconfiguration permits a customer to have a failed service automatically routed over an alternate route without having to access the network controller. This feature allows for Dynamic Alternate Routing (DAR) and Pre-planned Alternate Routing (PAR). Automatic Reconfiguration is available on all NENRS Network Access Ports under the customer's control. The customer must subscribe to a sufficient quantity of services and NENRS Network Access Ports required to implement the alternate configuration. Automatic Reconfiguration is not available in conjunction with NYNEX Enterprise Service.
- b. Single Point of Contact (SPOC) Access provides customers with access to the NYNEX Enterprise Service SPOC for the purpose of reconfiguring a NYNEX Enterprise Service circuit. The monthly rate for SPOC Access applies regardless of whether any reconfiguration activity takes place, and is applied independently of how many channels can be reconfigured. A customer who subscribes to SPOC Access must also subscribe to a minimum of three Network Access Ports. In the case where the customer wishes to rearrange the control leg of a multipoint DS0 circuit, only one Network Access Port will apply for the entire arrangement. Channels reconfigured via SPOC Access must be NYNEX Enterprise Service DDCs and/or IDCs or incidental private line channels as described in Section 21, Paragraph K. 4. t. of this Tariff. When reconfiguring Enterprise DS0 and fractional DS1 circuits, a working channel can only be reconfigured to an inactive channel. An inactive Enterprise DS0 or fractional DS1 channel can only be associated with a single working channel. Separate monthly rates apply for each of the following SPOC Access options:
  - (A) Scheduled Reconfiguration enables the customer to request the reconfiguration of a NYNEX Enterprise Service circuit by the SPOC on a regularly scheduled basis, based on a circuit map previously reviewed and agreed to by the customer. The customer's alternate circuit configuration must remain in place for a minimum of fifteen (15) minutes. One NENRS Network Access Port is required at each NENRS Hub for each reconfigurable channel (DDC and/or IDC).
  - (B) Requested Reconfiguration: Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises, based on a circuit map previously reviewed and agreed to by the customer. One NENRS Network Access Port is required at each NENRS Hub for each reconfigurable channel (DDC and/or IDC).
  - (C) Emergency Reconfiguration in Conjunction with Standby Circuits: Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises connected to a Hub via a Standby Circuit or Circuits, as described in Section 21, Paragraph K. of this Tariff, based on a circuit map previously reviewed and agreed to by the customer. One NENRS Network Access Port is required for each reconfigurable channel (DDC and/or IDC).

Requests for reconfiguration of Enterprise Channels from customers who subscribe to Emergency Reconfiguration in Conjunction with Standby Circuits will take priority over requests from customers who subscribe to Requested Reconfiguration.

DIGITAL DATA COMMUNICATIONS SERVICEF. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)2. Optional Features (Cont'd)b. Single Point of Contact (SPOC) Access (Cont'd)

(D) Emergency Reconfiguration: Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises, based on a circuit map previously reviewed and agreed to by the customer. One NENRS Network Access Port is required at each NENRS Hub for each reconfigurable channel (DDC and/or IDC).

Requests for reconfiguration of Enterprise Channels from customers who subscribe to Emergency Reconfiguration will take priority over requests from customers who subscribe to Emergency Reconfiguration in Conjunction with Standby Circuits or Requested Reconfiguration.

3. Definitions of Terms

- a. Attendant Access is a method of network controller access, providing customers with the ability to contact a New York Telephone Company attendant who performs the reconfiguration or management function at the customer's request. Reconfiguration of NYNEX Enterprise Service circuits may not be accomplished via Attendant Access.
- b. Digital Cross-Connect System functions as an electronic switching node allowing circuits to be cross-connected.
- c. Dynamic Alternate Routing (DAR) automatically reconfigures a failed service between two NYT locations.
- d. Network Access Ports are the circuit entry/exit termination points on the digital cross-connect devices.
- e. Network Controller is the central computer system used to control the reconfiguration of customer private line networks provisioned through digital cross-connect system devices.
- f. Network Controller Access is the connection from the customer's premises to the centrally located network controller which provides customers with the management and control function for NYNEX Enterprise Network Reconfiguration Service.
- g. Pre-planned Alternate Routing (PAR) automatically reconfigures service provided between a customer designated premises and a NYT location. PAR occurs based on alternate routing instructions previously provided by the customer.
- h. Single Point of Contact (SPOC) Access provides customers with access to the NYNEX Enterprise Service SPOC for the purpose of reconfiguring a NYNEX Enterprise Service circuit.

DIGITAL DATA COMMUNICATIONS SERVICEF. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)4. Regulations

- a. This service is available only at specific locations where facilities are available. New York Telephone reserves the right to determine where equipment is to be deployed, including the availability of network controller access terminations.
- b. The customer may choose to pay for this service on a month-to-month basis or under a service period plan. In all cases, the customer of record will receive a monthly bill. A customer may subscribe to more than one service period plan concurrently.
- c. A three-month minimum service period applies to NENRS Network Access Ports.
- d. Service Discount Plans are available for a commitment period of 3, 5 or 7 years. Customers who subscribe to NENRS in conjunction with NYNEX Enterprise Service may subscribe to NENRS Network Access Ports for a commitment period of 13 to 84 months, consistent with the service period selected for their NYNEX Enterprise Service DDCs and IDCs. Customers may add NENRS capabilities to existing NYNEX Enterprise Service circuits for the balance of an existing NYNEX Enterprise Service commitment period, at rates as specified for the existing commitment period. The monthly rates for service periods of 13 to 36 months will be as specified in the Rate Schedule for NENRS for a service period of 3 years; the monthly rates for service periods of 37 to 60 months will be as specified in the Rate Schedule for NENRS for a service period of 5 years; and the monthly rates for service periods of 61 to 84 months will be as specified in the Rate Schedule for NENRS for a service period of 7 years.

The length of the period is selected by the customer. Except as set forth in regulations g. and k. following, if a Network Access Port is disconnected prior to the end of the selected commitment period, the customer is liable for a termination liability charge. The termination liability charge applies to each Network Access Port disconnected or, in the case of cancellation of a Service Discount Plan, to each Network Access Port which has been included in the cancelled Service Discount Plan. When calculating termination liability charges, the Telephone Company will apply the option which provides the customer with the lowest termination liability charge.

## (A) Option 1

- (1) For disconnects on or prior to the end of the minimum service period and prior to the end of the selected commitment period, the termination liability charge is 50% of the applicable monthly rates for each month and fraction thereof remaining between the end of the minimum service period and the end of the selected commitment period. The termination liability charge applies in addition to the applicable minimum service period charges.
- (2) For disconnects after the end of the minimum period but prior to the end of the selected commitment period, the termination liability charge is 50% of the applicable monthly rates for each month and fraction thereof in the balance of the selected commitment period.

DIGITAL DATA COMMUNICATIONS SERVICEF. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)4. Regulations (Cont'd)

## d. (Cont'd)

## (B) Option 2

- (1) For disconnects on or prior to the end of the minimum service period and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the Network Access Ports have been in effect.

For disconnects after the minimum period but prior to the end of the selected commitment period the following applies:

- (a) Where there is no Service Discount Plan period less than the actual time the Network Access Ports have been in effect, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the Network Access Ports have been in effect.
- (b) Where there is a Service Discount Plan period less than the actual time the Network Access Ports have been in effect, the termination liability charge will be the difference between the monthly rates for the highest Service Discount Plan period that could have been satisfied prior to disconnection of the Network Access Ports and the monthly rates for the selected commitment period multiplied by the actual number of months the Network Access Ports have been in effect. For example, if a customer has a 5-year plan and disconnects a 1.544 Network Access Port after forty months, the highest Service Discount Plan period that could have been satisfied is three years. To determine the termination liability charge, the monthly rate for the 5-year plan is subtracted from the monthly rate for the 3-year plan and the difference is multiplied by the forty months that the 1.544 Network Access Port had been in effect.

DIGITAL DATA COMMUNICATIONS SERVICEF. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)4. Regulations (Cont'd)

- e. Service period plan discounts apply only to Network Access Port month-to-month rates. The discount does not apply to Network Controller Access rates, SPOC Access rates, or nonrecurring charges.

A service period plan discount provides that the applicable month-to-month rates are reduced by a fixed percentage. This discount has been incorporated in the service period plan rates shown on the Rate Schedule. The amount of the discount percentage differs based on the length of the selected service period as follows:

\*56 kbps Termination and 1.544 mbps Termination

<u>Service Period</u>	<u>Discount Percentage</u>
3 years	10%
5 years	20%
7 years	30%

NYNEX Enterprise DSO, Fractional DS1, Standby DS1, DS1, Standby DS3, or DS3 Terminations

<u>Service Period</u>	<u>Discount Percentage</u>
3 years	10%
5 years	20%
7 years	30%

The discount percentage is applied to the currently effective Network Access Port month-to-month rates. Such rates may change during the service period, thereby causing an increase or decrease in the rates applicable to the customer.

The discount percentage will not be subject to Telephone Company initiated decrease during that period. However, if the Telephone Company initiates an increase in the discount percentage during that period, that increased discount will be used to determine the rates applicable to the customer.

- f. If a customer changes from their present service period plan to a longer service period plan, no termination charge will apply; however, a record order charge as specified in Section 14 of this Tariff will apply. Customers changing to a shorter service period plan will incur termination charges as specified in regulation d. preceding.

\* Service Discount Plans do not apply to 45 mbps terminations.

DIGITAL DATA COMMUNICATIONS SERVICEF. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)4. Regulations (Cont'd)

- g. A customer subscribing to a Service Discount Plan will not incur a termination liability charge if a request is made to disconnect some or all of its discounted 56 kbps Network Access Ports in order to replace them with 1.544 Mbps Network Access Ports provided that: 1) the orders for the disconnects and the connects are placed with the Telephone Company within 60 days of each other, 2) the new 1.544 Mbps Network Access Ports are provided on the same digital cross-connect system as the 56 kbps Network Access Ports were, 3) the new 1.544 Mbps Network Access Ports have a total channel capacity equal to or greater than the total channel capacity of the 56 kbps Network Access Ports being disconnected, and 4) the new 1.544 Mbps Network Access Ports are provided under a Service Discount Plan for a commitment period equal to or longer than that of the 56 kbps Network Access Ports being disconnected. For the purposes of this regulation, NYNEX Enterprise DSO Network Access Ports and NYNEX Enterprise DS1 Network Access Ports are considered equivalent to 56-kbps and 1.544-Mbps Network Access Ports, respectively.
- h. NYNEX Enterprise Network Reconfiguration Service does not include the provision of transport services, i.e., Local Distribution Channel or Interoffice Mileage. Rates and Charges for transport services are specified in Sections 7, 12, and 21 of this Tariff.
- i. In the event a customer presently subscribes to a transport service provided by the Telephone Company, that circuit will have to be disconnected and connected to a central office served by a digital cross-connect system device. Charges specified in the existing transport tariffs, Sections 7, 12, and 21 of this Tariff, will apply.
- j. When the jurisdiction of a Network Access Port furnished under a Service Discount Plan is changed to interstate, no termination liability charge applies provided the Network Access Port is furnished under an interstate Service Discount Plan.
- k. When a customer with existing Network Access Ports under a Service Discount Plan wishes to replace one or more of the Network Access Port(s) included in that Service Discount Plan with other new or existing Network Access Port(s) of the same type, as appropriate, for the balance of the commitment period for that Service Discount Plan, no termination liability charge will apply provided that the orders for the disconnects and the connects are placed with the Telephone Company within 60 days of each other and the number of Network Access Ports included in the Service Discount Plan remains the same. However, a service charge as specified in Section 14. A. 3 of this Tariff applies.
- l. Degradation of the system response time may occur during periods of heavy usage.
- m. Customers with Superpath Optical 45 megabit/sec service transport will incur central office multiplexing charges as stated in Section 12, Paragraph I., in order to connect to Network Access Ports at 1.544 Mbps. In addition, these customers will then incur rates and charges shown on the Rate Schedule for each 1.544 Mbps termination. If a Superpath Optical 45 megabit/sec service channel is further multiplexed to the voice grade level by use of the multiplexing arrangement shown in Section 12, Paragraph G., the 56 kbps port termination shown on the Rate Schedule will apply.



DIGITAL DATA COMMUNICATIONS SERVICEF. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)4. Regulations (Cont'd)

- n. Customers with Superpath 1.5 megabit/sec service transport will incur rates and charges shown on the Rate Schedule for each 1.544 Mbps termination. If a Superpath 1.5 megabit/sec service channel is multiplexed to the voice grade level by use of the multiplexing arrangement shown in Section 12, Paragraph G., the 56 kbps port termination rates and charges shown on the Rate Schedule apply.
- o. An interconnector, as defined in Section 12, Paragraph I. 2. (b) 1. of this Tariff, may request connection of the interconnector's multiplexing node to interoffice mileage in a Company central office. When connection is provided, the specified NENRS rates will apply. A Service Access Charge and a Universal Service Element specified in Section 12, Paragraph I. 2. (c) 1. of this Tariff will apply for the connection of the interconnector multiplexing node location within the central office to NENRS. Tariff rates will apply for all other NENRS elements provided.
- p. A nonrecurring liability charge will apply to each 45 Mbps Network Access Port termination disconnected within the first twelve months of service. This charge provides for the recovery of costs associated with the installation of service. When service is disconnected during the nonrecurring charge recovery period of twelve months, the customer shall be responsible for the balance of charges not yet recovered. This will be determined by multiplying the current nonrecurring liability charge shown in the Rate Schedule by the number of months remaining in the recovery period.
- q. A customer who discontinues a Service Discount Plan for Network Access Ports will not incur termination liability charges for the underlying transport services, provided that the Service Discount Plan for those transport services remains in effect. The service period for the underlying transport services remains the same.

DIGITAL DATA COMMUNICATIONS SERVICE

F. NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE (Cont'd)

5. Flexible Pricing

- a. NENRS rates may be reduced selectively and in varying amounts, so long as rates cover their relevant costs.
- b. NENRS rates may be increased selectively in varying amounts not to exceed 25 percent per year.
- c. The Company reserves the right to change the rates, as described in a. and b. preceding at any time upon 10 days' notice to the Public Service Commission by providing a revised Rate Schedule and appropriate cost support. The rates for this service are shown in the Rate Schedule and are on file with the Public Service Commission.
- d. Changes in NENRS rates will be applied on the date the new rates become effective.
- e. A rate will not be changed unless it has been in effect for at least 30 days.
- f. Appropriate customer notification of NENRS rate changes will be made.
- g. NENRS rates may be changed in accordance with the provisions of a. through f. preceding in the New York Metropolitan LATA.

6. Rates and Charges

See Rate Schedule attached for rates and charges currently in effect.

DIGITAL DATA COMMUNICATIONS SERVICEG. DOVPATH® TRANSPORT SERVICE1. General

DOVPATH® Transport Service is an end-to-end service which allows subscribers to transmit voice and data simultaneously over 2-wire exchange or 2-wire dedicated channel services. This service requires customer-provided multiplexers at the customer's premises. Multiplexers at the customer's premises allow the connection of terminals and/or telephones. Multiplexers support both synchronous and asynchronous transmissions at speeds of 2.4, 4.8, or 9.6 kilobits per second. With DOVPATH Transport Service, customers may utilize interoffice digital transport mileage when it becomes available, or Superpath 1.5 megabit/sec service and Central Office Multiplexing (1.5 Mbps), for interoffice digital transport. Ports in the central office transport the voice signal to the central office switch and the data signal to the customer's computer.

Digital bridging is a DOVPATH Transport Service optional feature which enables the DOVPATH Transport Service customer to connect a computer to premise terminals utilizing a bridge.

2. Regulations

- a. DOVPATH Transport Service is available to business and residence subscribers where facilities permit and the subscriber shall be responsible for ordering, rearranging and canceling the end-to-end arrangement.
- b. DOVPATH Transport Service rates apply in addition to the charges for the 2-wire exchange or 2-wire dedicated channel service associated with the DOVPATH arrangement.
- c. The digital bridging optional feature requires the addition of digital bridging ports. The maximum number of ports may vary and is dependent on each customer's particular transport requirements. The customer and the Company will mutually agree to bridge configurations. Three (3) is the minimum number of ports per bridge arrangement.
- d. DOVPATH Transport Service is available on a month-to-month basis or under a three-year or five-year quantity discount plan.
- e. An existing month-to-month DOVPATH service arrangement may be converted to a three-year or five-year quantity discount plan. The three-year or five-year period begins on the date the conversion occurs.
- f. The DOVPATH Transport Service rates in effect shall apply even if the data portion is not being utilized.
- g. On a non-multiplexed arrangement, termination of one DOVPATH Transport Service results in the termination of the corresponding DOVPATH Transport Service.

® Registered Service Mark of Verizon Communications Inc.

Issued: August 1, 2001

Effective: September 1, 2001

By Sandra Dilorio Thorn, General Counsel  
1095 Avenue of the Americas, New York, N.Y. 10036

DIGITAL DATA COMMUNICATIONS SERVICEG. DOVPATH TRANSPORT SERVICE (Cont'd)2. Regulations (Cont'd)

- h. Channel rearrangements and/or changes in the selected transmission speeds on DOVPATH Transport Service will not affect quantity discount plans. Service connection and nonrecurring charges apply for changes in transmission speeds or channel rearrangements.
- i. When a customer orders additional DOVPATH arrangements or digital bridging ports, the customer may choose the additional service on a month-to-month basis, or under a new three-year or five-year quantity discount plan.
- j. At the conclusion of the three-year or five-year quantity discount plan, the customer will continue to be billed at the three-year or five-year quantity discount plan rates in effect.
- k. The customer must provide multiplexers that comply with the requirements of NYNEX Technical Reference NTR-74374. This publication may be purchased from NYNEX Materiel Enterprises Company by contacting:

Manager  
Information Management  
NYNEX Materiel Enterprises  
441 Ninth Avenue-7th Floor  
New York, New York 10001

- l. Moves of lines associated with DOVPATH Transport Service via the Centrex Line Administration System (CLAS), MINICLAS, Customer System Administration (CSA) or Centrex Customer Rearrangement System (CCRS) will affect only the line number and not the data portion of the line. A Service Order and appropriate nonrecurring charges apply to move the data capability. The Telephone Company will not be responsible for disconnects of DOVPATH Transport Service capabilities occurring as a result of customer activity.
- m. DOVPATH Transport Service requires short metallic nonloaded local loop facilities. The Telephone Company will attempt to transfer facilities, at the time of the connection of service, to nonloaded cable facilities. Where only loaded facilities are available, the Company will, at the customer's request, deload the facilities (where technically feasible) at charges based upon cost.
- n. Different transmission speeds are not permitted on the same circuit.
- o. Foreign exchange connections are not permitted.

DIGITAL DATA COMMUNICATIONS SERVICEG. DOVPATH TRANSPORT SERVICE (Cont'd)3. Flexible Pricing

- a. DOVPATH Transport Service rates may be reduced selectively and in varying amounts so long as rates cover their relevant incremental costs.
- b. DOVPATH Transport Service rates may be increased selectively and in varying amounts not to exceed 25 percent per year.
- c. The Company reserves the right to change the rates as described in a. and b. preceding, at any time upon 10 days' notice to the Public Service Commission, by providing a revised Rate Schedule and appropriate cost support. The rates currently in effect are listed in the Attachment to this Tariff.
- d. Changes in DOVPATH Transport Service rates will be effective coincident with the customer's bill date following the effective date of the change.
- e. A selected rate will not be changed unless it has been in effect for at least 30 days.
- f. Appropriate customer notification of DOVPATH Transport Service rate changes will be made.
- g. DOVPATH Transport Service rates may be changed in accordance with the provisions of a. through f. preceding in the New York Metropolitan LATA.

4. Quantity Discount Plans

Quantity Discount Plans provide customers with reduced rates for those DOVPATH arrangements or digital bridging ports subject to three-year or five-year service period plans. These reduced rates do not apply for units subject to month-to-month serving arrangements.

In determining which category a subscriber falls within, all of the DOVPATH arrangements or digital bridging ports are included, notwithstanding that the reduced rates apply only to those units subject to three-year or five-year plans.

There are four (4) quantity categories applicable to DOVPATH arrangements and digital bridging ports:

<u>Category</u>	<u>DOVPATH Transport Arrangements</u>	<u>Digital Bridging Ports</u>
A	1-250	1-160
B	251-1,000	161-480
C	1,001-2,500	481-800
D	2,501 and Over	801 and Over

DIGITAL DATA COMMUNICATIONS SERVICEG. DOVPATH TRANSPORT SERVICE (Cont'd)4. Quantity Discount Plans (Cont'd)

When a customer previously subscribing to service within a given category increases or decreases the number of units so as to change the customer's quantity category, the rates associated with the new category will be charged for all units.

EXAMPLE: A customer presently has 200 DOVPATH arrangements, placing the customer in Category A. The customer increases the number by 100 new arrangements. All 300 arrangements will be billed at Category B rates.

5. Termination Charge Liability

- a. Termination charges apply, as appropriate, when an exchange access line which is connected to a DOVPATH arrangement and/or digital bridging port is disconnected.
- b. A customer subscribing to month-to-month rates is obligated to meet a six-month minimum service period. If DOVPATH Transport Service is cancelled in whole or in part by the customer after the installation of the service, the customer will be liable for a termination liability with respect to each cancelled arrangement or associated feature calculated by multiplying the month-to-month rate by the number of months remaining in the six-month period.
- c. If DOVPATH Transport Service is cancelled in whole or in part by the customer after the installation of the service but prior to the completion of the three-year or five-year quantity discount plan, the customer is obligated to pay a termination charge. The termination charge applies to each disconnected DOVPATH arrangement or associated feature as follows:
  1. For three-year quantity discount plans in effect at the time of termination, the charge shall be one-half the rate in effect for the customer at the time of termination multiplied by the number of months remaining in the three-year term.
  2. For five-year quantity discount plans in effect at the time of termination, the charge shall be one-half the rate in effect for the customer at the time of termination multiplied by the number of months remaining in the five-year term.

DIGITAL DATA COMMUNICATIONS SERVICE

G. DOVPATH TRANSPORT SERVICE (Cont'd)

5. Termination Charge Liability (Cont'd)

- d. When a customer orders the disconnection of service, such that the total number of arrangements or features remaining in service results in a change in the applicable category, described in Paragraph G.4. preceding, the termination charge will be based on the rates associated with the greater quantity rate category for those arrangements or features in excess of the maximum number for the smaller quantity rate category. The additional disconnected arrangements or features will result in a termination charge based on the rates associated with the smaller quantity rate category.

EXAMPLE: A customer presently has 200 digital bridging ports, placing the customer in Category B. The customer chooses to disconnect 100 ports. Ports 161 through 200 (forty ports) will be rated at the Category B rate in determining the termination charge, and ports 101 through 160 (sixty ports) will be rated at the Category A rate in determining the termination charge.

6. Rates and Charges

See Rate Schedule for rates and charges currently in effect.

DIGITAL DATA COMMUNICATIONS SERVICEH. DIGIPATH® DIGITAL SERVICE II1. General

DIGIPATH® Digital Service II (DDS II) is a private line digital service which provides for simultaneous two-way transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6, 19.2 or 56 kbps between two or more points within a LATA.

DDS II customers may utilize interoffice digital transport channel or Superpath 1.5 megabit/sec service and Central Office Multiplexing for this service.

Secondary Channel Capability is an optional feature which permits a primary channel to be used with customer-provided Data Service Units which can derive a lower bit rate channel for simultaneous two-way synchronous transmission of digital signals at bit rates of 133 1/3, 266 2/3, 533 1/3, 1066 2/3 or 2666 2/3 bits per second, depending on the primary channel speed between two or more customer premises.

2. DefinitionsBit

The term "bit" denotes the smallest unit of information in the binary system of notation.

Channel Service Unit/Data Service Unit

Channel Service and Data Service Units provide the interface to a customer terminal. They provide functions such as signal translation, data regeneration, control signaling, reformatting and timing. This interface is used with a local distribution channel for speeds up to 56 kbps and is subject to specifications in Technical Reference Publication 62310.

Serving Wire Center

Telephone Company location from which a customer would be served for local exchange telephone service.

Primary Channel

The term "Primary Channel" means a Digipath Digital Service II Channel to the customer premises.



DIGITAL DATA COMMUNICATIONS SERVICE

H. DIGIPATH DIGITAL SERVICE II (Cont'd)

2. Definitions

Secondary Channel

The term "Secondary Channel" means an independent lower speed derived companion channel operating with the primary channel of a DIGIPATH Digital Service II channel to the customer premises.

Node

A "Node" is a digital central office serving a customer location.

Channel Termination

A Channel Termination is a transmission path between the customer premises and the customer's serving wire center where DIGIPATH Digital Service II capability exists.

Interoffice Channel

An Interoffice Channel is a transmission path between serving wire centers where DIGIPATH DigitalService II capability is available.

Two-Station Service

Two-Station Service consists of two channel terminations furnished in the same serving wire center or two channel terminations furnished in different serving wire centers connected by an interoffice channel.

Multi-Station Service

Multi-Station Service consists of three or more channel terminations from a customer premises to a Company-designated node located in a Company-designated central office with the capability to connect multiple stations.

Multiplex Option

Multiplex option permits a subscriber to multiplex up to 24 DIGIPATH Digital Service II channel terminations at a Company-designated node.

DIGITAL DATA COMMUNICATIONS SERVICEH. DIGIPATH DIGITAL SERVICE II (Cont'd)3. Regulations

- a. The regulations specified herein are in addition to other applicable regulations specified in this and other Verizon New York Inc. Tariffs. All rates and charges set forth in this tariff provide for the furnishing of services where suitable facilities are available.
- b. Channel terminations must have technically compatible customer provided equipment at both ends.
- c. Mileage measurements for DDS II are based on the airline distance using longitude and latitude coordinates between the serving wire centers.
- d. When a subscriber's locations are served by separate serving central offices on a two point service, appropriate interoffice channel rates apply between the two serving offices.
- e. Interoffice mileage charges apply on Multi-station Service to all subscriber non-nodal central office locations from the subscriber's serving central office to the Company-designated node.
- f. On a Multiplex Option, when a subscriber is located in a non-nodal serving central office individual DIGIPATH Digital Service II Channels are provided to a Company-designated node at rates for individual DIGIPATH Digital Service II Channel terminations and interoffice channel mileage as appropriate. In addition, Local Distribution Channel, Interoffice Channel and Central Office Multiplexing regulations, rates and charges apply for Superpath1.5 and Optical 45 megabit/sec services as specified in Section 12, Paragraphs G. and I. for the channel segment from the node to the customer premises.
- g. Secondary Channel Capability Option
  1. This optional feature may be ordered at the same time the Primary Channel is ordered or it may be ordered as an addition to existing DDS II service.
  2. Customers must agree to out-of-service periods required to add this feature to an existing DDS II service.
  3. Customers must provide customer premises equipment which is compatible with the Secondary Channel interface requirements specified in TR-NPL-000157.
  4. Service is not available on a DDS II Primary Channel which requires regenerative repeaters in the loop to the customer premises.

DIGITAL DATA COMMUNICATIONS SERVICEH. DIGIPATH DIGITAL SERVICE II Cont'd)3. Regulations (Cont'd)

- h. The minimum period, for which service is furnished and for which charges are applicable, is one month.

4. Service Discount Plans

- a. Service Discount Plans are available for a commitment period 3, 5, 7 or 10 years. The length of the period is selected by the customer and a termination liability applies if service is terminated during the selected commitment period. The discount plans apply only to the monthly rate for channel termination and interoffice channels. Nonrecurring charges and optional feature monthly rates are not included.

A service Discount Plan provides that the applicable monthly rates, as set forth herein, are reduced by a fix percentage. The amount of the discount percentage differs based on the length of the selected commitment period as follows:

<u>Commitment Period</u>	<u>Discount Percentage</u>
3 years	10%
5 years	20%
7 years	22%
10 years	26%

The discount percentage is applied to the currently effective channel termination and interoffice channel monthly rates. Such rates may change during the commitment period, thereby causing an increase or decrease in the rates applicable to the customer.

## b. Termination Liability

Option 1

If service is disconnected in whole or in part prior to the end of the selected commitment period, the customer is liable for a termination liability charge. Further, except as provided in c., d. and e. following, when a customer cancels a Service Discount Plan prior to the end of the selected commitment period, the customer is liable for a termination liability charge with regard to the cancelled services.

The termination liability charge applies to each service disconnected or, in the case of cancellation of a Service Discount Plan, to each service which has been included in the cancelled Service Discount Plan.

DIGITAL DATA COMMUNICATIONS SERVICEH. DIGIPATH DIGITAL SERVICE II (Cont'd)4. Service Discount Plans (Cont'd)b. Termination Liability (Cont'd)Option 1 (Cont'd)

The termination liability charge is 50% of the applicable monthly rates for the selected commitment period applied as follows:

$$\begin{array}{ccccccc} \text{Termination} & & \text{Service Discount Plan} & & \text{Number of Months} & & \\ \text{Charge} & = & \text{Monthly Rate} & \times & \text{Remaining in} & \times & 50\% \\ & & & & \text{Service Discount} & & \\ & & & & \text{Plan} & & \end{array}$$

Option 2

For disconnects on or prior to the end of the minimum period and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the service has been in effect.

For disconnects after the minimum period but prior to the end of the selected commitment period and for cancellations of the Service Discount Plan prior to the end of the selected commitment period one of the following formulae applies:

- (1) When there is no Service Discount Plan period less than the actual time the service has been in effect, the termination liability charge will be the difference between the full monthly rates and the discounted monthly rates for the period the service has been in effect; or
- (2) Where there is a Service Discount Plan period less than the actual time the service has been in effect, the termination liability charge will be the difference between the monthly rates for the highest Service Discount Plan period that could have been satisfied prior to disconnection of the service or cancellation of the plan and the monthly rates for the selected commitment period multiplied by the actual number of months the service has been in effect. For example, if a customer has a 5-year plan and disconnects a DIGIPATH Digital Service II after forty months, the highest Service Discount Plan period that could have been satisfied is three years. To determine the termination liability charge, the monthly rate for the 5-year plan is subtracted from the monthly rate for 3-year plan and the difference is multiplied by the forty months that the service had been in effect.

DIGITAL DATA COMMUNICATIONS SERVICEH. DIGIPATH DIGITAL SERVICE II (Cont'd)4. Service Discount Plans (Cont'd)

## c. Additions of Service

When a customer with an existing Service Discount Plan wishes to increase the number of services, the following options are available:

- (1) Subscribe to the additional services under non-discounted rates.
- (2) Subscribe to the additional services under a separate Service Discount Plan.
- (3) Cancel an existing Service Discount Plan and include both the existing and the additional services under a new Service Discount Plan for a commitment period equal to or longer than the original period. (No termination charges will apply.)

## d. Extension of Commitment Period

A customer may, at any time prior to the expiration of the selected commitment period for an existing Service Discount Plan, change to a Service Discount Plan with a longer commitment period at the new discount percentage. No termination liability charges will apply for the services extended to the longer commitment period. The monthly rates applicable for the longer commitment period will apply effective with the next bill date following the request for the change.

## e. Moves, Changes and Substitutions of Service

Moves

A customer subscribing to a Service Discount Plan will not incur a termination liability charge if a service subject to the Service Discount Plan is ordered moved to a new location.

Replacements

A customer subscribing to a Service Discount Plan will not incur a termination liability charge if, upon cancellation of a service provided under a Service Discount Plan, the customer places a new or existing service of the same type not covered under a discount plan under the terms and conditions applicable to the disconnected service. The orders to disconnect the service and substitute the existing non-discounted service under the Service Discount Plan must be placed with the company within sixty (60) days of each other.

Upgrades

A customer subscribing to a Service Discount Plan will not incur a termination liability charge when the replacement service bit rate capacity is equivalent to or greater than the bit rate capacity of the service being discontinued and the Service Discount Plan for the replacement service is renegotiated for the same or a longer commitment period.

DIGITAL DATA COMMUNICATIONS SERVICEH. DIGIPATH DIGITAL SERVICE II (Cont'd)4. Service Discount Plans (Cont'd)

## f. Rate Regulations

Where the Service Discount Plan is requested to be provided coincident with the connection of new service, it will be effective with the establishment of service.

Where the Service Discount Plan is requested to be provided on existing services, the effective date will be the first bill date following the issuance of the service order requesting the discount.

At the end of its selected commitment period, the customer will have the option of subscribing to any then effective Service Discount Plan or of retaining the service under the standard rates in effect at that time. If the customer does not execute a new Service Discount Plan prior to the expiration of the commitment period, standard monthly rates will be applied upon expiration of the commitment period.

5. Flexible Pricing

(1) DDS II rates may be reduced selectively and in varying amounts so long as rates cover their relevant incremental costs. Relevant incremental costs would include the appropriate Universal Service Element as specified in Section 12, Paragraph I.2.(c)1.(b), for other than signal grade facilities.

(2) DDS II rates may be increased selectively and in varying amounts not to exceed 25 percent per year.

(3) The Company reserves the right to change the rates as described in (1) and (2) preceding at any time upon 10 days' notice to the Public Service Commission, by providing a revised Rate Schedule and appropriate cost support. The rates currently in effect are listed in the Attachment to this Tariff.

(4) A selected rate will not be changed unless it has been in effect for at least 30 days.

(5) Appropriate customer notification of rate changes will be made.

(6) DDS II rates may be changed in accordance with the provisions of (1) through (5) preceding in the New York Metropolitan LATA.

6.

7.

8. Rates and Charges

See Rate Schedule for rates and charges currently in effect.

DIGITAL DATA COMMUNICATIONS SERVICEJ. ISDN PRIMARY SERVICE1. General

ISDN Primary Service provides a subscriber with a direct digital connection, via switched access, to one or more public and/or private services. This service arranges the 64 kilobits per second (Kbps) channels of Digital Transmission Facility into 23 B (Bearer) channels and 1 D channel or 24 B channels under control of a D channel in another Digital Transport Facility (DTF). The B channels carry voice and data traffic at speeds up to 64 Kbps and are connected to one or a combination of public and/or private services. The D channel carries the out-of-band signaling required to control its associated B channels.

The service is utilized to connect ISDN compatible subscriber provided premises equipment to a suitably equipped Telephone Company node. The full 24 channels will be available at the ISDN port termination at the central office switch. The subscriber may choose to activate a subset or all of the channels at the port termination or have multiple ISDN Primary Service ports to connect multiple DTF's.

Both basic service capabilities and optional features are available.

The voice usage charges generated by using ISDN Primary Service will be identified and charged in accordance with the associated class of service with which ISDN Primary Service is used. Usage charges for Circuit Switched Data calls will be billed in accordance with existing rates for Switchway switched 56 kbps service as outlined in Section 21, Paragraph C of this Tariff.

INTEGRATED SERVICES DIGITAL NETWORK (ISDN) facilitates end-to-end digital connectivity to support a variety of services to which subscribers have access by a set of standard interfaces.

ISDN Primary Service will support the capabilities of Circuit Switched Voice and Circuit Switched Data. Circuit Switched Voice provides digitized speech or voiceband data access in conjunction with existing services. Circuit Switched Data supports data transmission at speeds up to 64 Kbps.

2. Explanation of Terms

An INTEROFFICE TERMINATION PORT provides for ISDN Primary Service capabilities to be connected between suitably equipped Telephone Company nodes via dedicated facilities. (Additional provisioning requirements are specified in the REGULATIONS Section.)

A NODE is a Telephone Company digital Telephone Company central office switch serving subscriber locations.

A PORT is a DS-1 node termination that interfaces directly to a 1.5 Mbps Digital Transport Facility (DTF), and is capable of handling channels configured as 23B + 1D or 24B.

DIGITAL DATA COMMUNICATIONS SERVICEJ. ISDN PRIMARY SERVICE (Cont'd)2. Explanation of Terms (Cont'd)

A DIGITAL TRANSPORT FACILITY (DTF) is a 1.5 Mbps facility between a subscriber's premises network interface and a port. The DTF supports channels configured as 23B + 1D or 24B.

A B CHANNEL is a 64 Kbps transmission facility that support voice, and/or data communications. B Channels can be utilized through out-of-band signaling (via the D Channels).

A D CHANNEL is a 64 Kbps transmission facility used for out-of-band signaling and control of the B channels.

CLEAR CHANNEL provides for the full utilization of the bandwidth in a channel which is 64 Kbps.

3. Feature Description

A. Standard Features - The following features are provided when a subscriber subscribes to ISDN Primary Service:

1. 64 Kbps Clear Channel Transport - Uses standard B8ZS (bipolar 8 zero substitution) protocol for transport at the 64 Kbps rate.
2. Circuit Switched Voice - provides digitized speech or voiceband data access in conjunction with, but not limited to, existing services such as Direct Inward Dialing, Outward Dialing and WATS, and Dedicated Toll-Free Services.
3. Circuit Switched Data - supports transmission speeds up to 64 Kbps data.
4. Flexible Service Selection - provides the subscriber with the ability to utilize D channel signaling to dynamically allocate B channels on a call by call basis. The maximum number of calls per call type will be established by the subscriber; the subscriber will also indicate what types of traffic will be transported across the ISDN Primary Service port for usage billing purposes. Subsequent changes are provisioned via service order.

B. Optional Features - Depending on the technology available the following optional features are available with ISDN Primary Service:

1. Backup D Channel - allows another channel in a different DTF at the same subscriber provided premises equipment to be designated as the alternative D channel. This feature is only available when the subscriber also purchases Multiple Facility Signaling Control.
2. Calling Line Identification - delivers the calling party's telephone number, if available, to the ISDN Primary Service subscriber. The number will be delivered if the call originates either in the same node as the ISDN Primary Service subscriber or is connected to the ISDN Primary node by Signaling System 7. This feature is provided per port.



DIGITAL DATA COMMUNICATIONS SERVICEJ. ISDN PRIMARY SERVICE (Cont'd)2. Feature Description (Cont'd)B. Optional Features (Cont'd)

3. Channel Configuration – allows a subscriber to dedicate discrete subsets of B Channels to specific call types. Subsequent channel configuration changes are made via service order. This feature is provided per trunk group established. (Not supported by the DMS-100 switch).
4. Intercom Capability – allows completion of calls between an ISDN Primary Service subscriber and other digital Centrex or ISDN Primary Service locations within the same subscriber network. Usage charges for intercom use will not apply. This feature is provided per channel or as an ISDN Primary Service Package (10 or more B Channels, per port).
5. Multiple Facility Signaling Control – allows the D channel of one ISDN Primary Service DTF to provide signaling for up to 19 other ISDN Primary Service DTFs at the same subscriber provided premises equipment. This feature is provided per Controlling D Channel.
6. Network Ring Again - allows a calling station which encounters a busy signal within the subscriber network to be notified by the central office switch when the called station becomes idle. The calling station can then automatically re-dial the call. This feature is provided per Controlling D Channel. (Not supported by the 5ESS switch).
7. Calling Line Identification with Name - allows the user to have access to the directory number and name of the calling party.
8. Two "B" Channel Transfer - allows the customer premises equipment to accept a call, which the user can then transfer, releasing both "B" Channels.
9. Redirecting Number - allows the original calling party number plus the last calling party number to be passed to the end user when a call is forwarded or redirected. The user must have Calling Line Identification or Calling Line Identification with Name to enable this feature.
10. Modified Redirecting Number - allows the number of the original called party, plus the last redirected calling party number, to be passed to the end user when a call is forwarded or redirected. The user must have Calling Line Identification or Calling Line Identification with Name plus Redirecting Number to enable this feature.
11. Optional Feature Package - This feature package includes Calling Line Identification with Name and Redirecting Number.

DIGITAL DATA COMMUNICATIONS SERVICEJ. ISDN PRIMARY SERVICE4. Regulations

1. ISDN Primary Service is provided subject to the availability of facilities and node software and hardware.
2. The minimum service period is twelve months. Additions to the initial service are also subject to a twelve month minimum service period. Each ISDN Primary Service port and DTF in service for less than twelve months are subject to termination charges calculated as follows:

Quantity of Ports	X	Monthly ISDN Primary Port Rate	X	12 months less # months in-service
Quantity of DTFs	X	Monthly ISDN Primary DTF Rate	X	12 months less # months in-service

Subscribers under contract pricing (minimum of 36 months) who choose to disconnect service will incur a termination liability charge per Port, DTF and Optional Features disconnected. The termination liability charge is the difference between the (higher) monthly rates for the next shortest service period and the contractual monthly rate, multiplied by the number of months that the terminated Port(s), DTF(s) and Optional Features have been in service. For example, if a customer signed a 5-year contract (any combination of Ports / DTFs / Optional Features) and disconnects after 40 months, the termination liability charge is determined by subtracting the monthly rate for the 5-year service period from the monthly rate for the next shortest service period (3 years), then multiplying the difference by the 40 months that the service had been in effect.

3. Termination charges are waived for an existing FLEXPATH subscriber who disconnects FLEXPATH and subscribes to ISDN Primary Service provided that the quantity of DTFs and ports are preserved.
4. A subscriber may convert an existing contract (minimum of 36 months), to a longer service period contract, without penalty. The subscriber will be charged a record order charge for the change and will pay the current prices in effect for the contract chosen.
5. A subscriber who is not presently under an ISDN Primary Service contract may at any time subscribe to a contract (minimum of 36 months). The subscriber will be charged a record order charge for the change and will pay the current prices in effect for the selected contract.
6. The monthly rate for subscribers choosing a contract is guaranteed against Company initiated change and will apply for the length of that contract.

DIGITAL DATA COMMUNICATIONS SERVICEJ. ISDN PRIMARY SERVICE (Cont'd)4. Regulations (Cont'd)

7. If the monthly rates on a contract are lowered, the subscriber will be allowed to cancel their existing contract without penalty, providing they sign-up for a new contract. The subscriber will be subject to all terms, conditions and prices of the new contract.
8. ISDN Primary Service may be provided from the subscriber's serving node or from a foreign node subject to the availability of facilities and monthly rates for interoffice facilities as defined in Section 12, of this Tariff.
9. ISDN Primary Service subscribers who are served from a foreign node may request to have their service provided from their local central office when software and hardware ISDN facilities become available at that office. The Service Establishment charge and nonrecurring charges for DTFs and ports will not be applicable. Termination charges will not apply on that transfer provided that the quantity of DTFs and ports are preserved. A subscriber who chooses to continue service from a foreign node will be subject to the monthly rates for interoffice facilities as defined in Section 12, Paragraph G., of this Tariff. A number change generally will be required on any transfer from a foreign node to a local central office.
10. Ports will be provided at the DS-1 level only.
11. Appropriate non-recurring charges apply for any changes in the Flexible Service Selection or Channel Configuration feature.
12. Subscriber provided equipment used to connect to ISDN Primary Service must comply with the following specifications (depending on the serving node):
  - AT&T - PUB 21121219, PUB 211459, 5D5-900-312, 5D5-900-322
  - NTI - NIS A211-1

These publications may be purchased by contacting:

Manager - Technical Information Management  
Telesector Resources Group - Room 11138  
1166 Avenue of the Americas  
New York, N. Y. 10036

13. The Company shall not be responsible to the subscriber if changes in any of the facilities, operations, or procedures utilized in the provision of ISDN Primary Service render any equipment provided by a subscriber obsolete or require any modification or alteration of such equipment or system or otherwise affect its use or performance.

DIGITAL DATA COMMUNICATIONS SERVICEJ. ISDN PRIMARY SERVICE (Cont'd)4. Regulations (Cont'd)

14. The subscriber must subscribe to services and specify each type of traffic that will be transported across the ISDN Primary Service port, (e.g., DID, DOD, Switched 56 Kbps service and Wide Area Telephone Services). DID trunk rates, DOD trunk rates, Switched 56 Kbps service and Wide Area Telephone Services access line rates for the services will not apply. All other rates and regulations for these services will apply. The voice and data usage charges generated by using ISDN Primary Service will be measured and billed in accordance with rates specified in P.S.C. No.'s 901, 902 and A2 - Telephone tariffs. No message unit allowance will apply.
15. An ISDN Primary Service subscriber will be permitted to connect suitably equipped Telephone Company nodes with comparable functionality via dedicated facilities. To obtain Intercom Capability between nodes, the subscriber must subscribe to an Interoffice Termination Port and Intercom Capability at each node and Interoffice Facility Mileage between the nodes. The subscriber must also subscribe to Ports, DTFs, and Intercom Capability served by its local serving nodes for each of its locations.
16. Enterprise ISDN Primary Access Digital Distribution Channel (DDC) facilities may be utilized between an ISDN Primary Service subscriber's premises and the ISDN Primary Service Port in the local serving wire center. If a subscriber disconnects an ISDN Primary Service Digital Transport Facility (DTF) to utilize Enterprise Access, then ISDN DTF termination charges are waived.
17. ISDN Primary Service numbers will be provided in blocks of 20 or 100 consecutive numbers or fraction thereof. These minimums apply whether or not the subscriber utilizes all the numbers in the group.
18. Groups of consecutive numbers are defined as a group where the units' digit of the first number is a zero (0) and the units' digit of the last number is nine (9).
19. When the thousandth digit of a seven digit subscriber number begins with a zero (0) or a nine (9), the number is considered to be unusable for subscribers who have four digit dialing. Where the hundredth digit of a seven digit subscriber number is a zero (0) or a nine (9), that number is considered to be unusable for subscribers who have three digit dialing.
20. With Multiple Facility Signaling Control, each port controlled by the Multiple Facility Signaling Control Channel must have the same features assigned.
21. Appropriate non-recurring charges apply for initial and each additional installation of ports, DTFs, and features ordered by a subscriber for installation on the same premises at the same time.

DIGITAL DATA COMMUNICATIONS SERVICEJ. ISDN PRIMARY SERVICE (Cont'd)4. Regulations (Cont'd)

## 22. Flexible Pricing

- a. ISDN Primary Service rates may be decreased, selectively and in varying amounts, so long as the rates cover their relevant costs.
- b. ISDN Primary Service rates may be increased selectively in varying amounts not to exceed 25 percent per year.
- c. The Company reserves the right to change the rates as described in a. and b. preceding at any time upon 10 days' notice to the Public Service Commission by providing a revised Rate Schedule and appropriate cost support.
- d. Changes in rates will be effective coincident with the subscriber's first bill date following the effective date of the change.
- e. A rate will not be changed unless it has been in effect for at least 30 days.
- f. Appropriate subscriber notification of ISDN Primary Service rate changes will be made.

23. The customer may elect to have a disconnect option included in the customer specific price. The customer may disconnect a maximum ten percent of the total ISDN Primary Service circuits, including circuits provided at multiple locations, that were subscribed to on the original order. The disconnect option may be exercised by the customer after the customer has satisfied the minimum service period of 12 months.

24. The customer can have a combination of full services (ISDN Primary Service) and port services (ISDN Primary Port Service) from Section 25 of this tariff.

25. When disconnects are associated with ISDN Primary Port Service from Section 25 of this tariff, Digital Transport Facility termination charges are not applicable.

26. For conversions from ISDN Primary Service to ISDN Primary Port Service termination charges are calculated as follows:

Quantity of full services	X	Monthly Tariff Rate for Digital	X	12 months minus number of months
converted to port group services		Transport Facility		in service

27. For conversion of ISDN Primary Port Service to ISDN Primary Service no termination charges will be applied.

DIGITAL DATA COMMUNICATIONS SERVICEJ. ISDN PRIMARY SERVICE (Cont'd)4. Regulations (Cont'd)

## 28. Waiver of Charges

- a. The Company reserves the right to waive nonrecurring charges, at any time upon seven days notice to the Commission, in order to promote the sale of ISDN Primary Service. This promotional waiver will be available for a maximum period of 90 days following such notice.
- b. The Company reserves the right to waive recurring charges for a minimum of 30 days to a maximum of 90 days from the date of installation of ISDN Primary Service for new subscribers, or for connection of new features to existing ISDN Primary Service. Such waiver will be made no more than 90 days following subscription to the promotional offer.
- c. Terms and conditions in effect on these waivers will be listed on Attachment to this tariff which will follow all pages of this section.
- d. Appropriate notification of any waiver will be made to all eligible.

29. The local loop component of ISDN Primary Service may be purchased under the terms and conditions of Integrated Access Service, as described in Section 12, Paragraph N. of this tariff. In such cases, Integrated Access local loop transport will be provided in lieu of an ISDN Primary Service Digital Transport Facility, and will be connect to an ISDN Primary Service Port to provide a complete service. The monthly rates and charges for an ISDN Primary Service DTF will apply.

When a customer selects the Integrated Access Service Transport Package 1, 3 or 12 service delivery option, as specified in Section 12, paragraph N.3. of this tariff, the rates and charges for the Integrated Access Service Transport Package 1,3, or 12 Local Distribution Channel will apply in lieu of the rates and charges for the ISDN Primary Service Digital Transport Facility.

5. Rates and Charges

See Rate Schedule for Rates and Charges currently in effect.

DIGITAL DATA COMMUNICATIONS SERVICEJ.1. ISDN PRIMARY DISASTER RECOVERY SERVICE1. General

Integrated Services Digital Network (ISDN) Primary Disaster Recovery Service provides various degrees of survivability for telecommunications service in the event of a failure in the customer's normal wire center and/or the associated local loop. The customer may purchase ISDN Primary Disaster Recovery Service and thereby maintain a level of incoming and outgoing service to the premises. The degree of survivability is determined by the facilities subscribed to by the customer. This service does not apply to a failure that occurs coterminously in the normal and alternate wire centers.

ISDN Primary Disaster Recovery Service provides the customer with diversely routed access wherever diverse facilities exist to an alternate wire center selected by the Company. Wherever diverse facilities exist, the Company will endeavor not to use passageways (conduits, cable vaults, building entrances, or routes) common to the customer's normal service.

ISDN Primary Disaster Recovery Service provides Loop to an Alternate Wire Center (Option 1); Interoffice Wire Center (Option 2); and/or Alternate Wire Center (Option 3). A customer must subscribe to Option 1 and, in addition, may subscribe to Option 2 only, Option 3 only, or both Options 2 and 3.

Incoming, outgoing or two-way ISDN Primary Service circuits may be purchased from the normal wire center and/or the alternate wire center at the customer's option.

Loop To An Alternative Wire Center (Option 1)

Loop to an Alternate Wire Center provides ISDN Primary Service circuits between the customer premises and an alternate wire center designated by the Company. Mileage for ISDN Primary Service circuits ordered from the alternate wire center will be measured as if these circuits were routed to the normal wire center. The customer shall designate the incoming/outgoing configuration of the ISDN Primary Service circuits during normal operations and during disaster operations.

Normal Operations

ISDN Primary Disaster Recovery Service ordered from the alternate wire center will be configured independently from ISDN Primary Service or other digital DID/DOD service provided by another carrier from the normal wire center and will have a different NXX.

Disaster Operations

In the event of a failure at the normal wire center or alternate wire center, customers who subscribe to ISDN Primary Disaster Recovery Service will continue to receive service out of the working wire center.

DIGITAL DATA COMMUNICATIONS SERVICEJ.1. ISDN PRIMARY DISASTER RECOVERY SERVICE (Cont'd)1. General (Cont'd)Interoffice Wire Center (Option 2)

Interoffice Wire Center customers must subscribe to Option 1. The Interoffice Wire Center option provides an interoffice facility between the normal wire center and the alternate wire center to protect incoming traffic in the case of a loop failure between the normal wire center and the customer premises. Incoming DID station numbers that will be routed in the event of a disaster will be purchased from the normal wire center only. The interoffice facility must be purchased in increments of 1.544 Mbps trunks comprised of twenty-four channels and will be dedicated to the customer. Customers who subscribe to ISDN Primary Service in the normal wire center must subscribe to ISDN Primary Service interoffice termination ports and appropriate loops for this option.

Normal Operations

All incoming traffic will be routed to the normal wire center. Some of the traffic will overflow via the interoffice facility to the alternate wire center for completion over the alternate wire center circuits. The NXX will reside at the normal wire center. Outgoing traffic will be routed over the loop between the alternate wire center and the customer premises and/or the loop between the normal wire center and the customer premises.

Disaster Operations

In the event of a loop failure between the normal wire center and customer premises, incoming traffic will be routed over the interoffice facility to the alternate wire center for completion over the alternate wire center circuits. Outgoing ISDN Primary Service traffic will complete via the alternate wire center.

Alternate Wire Center (Option 3)

Alternate Wire Center customers must subscribe to Option 1. The Alternate Wire Center option provides routing through the tandem in the event of a failure in the loop or in the normal wire center. Incoming DID station numbers that will be routed in the event of a disaster will be purchased from the normal wire center only.

Normal Operations

All incoming traffic during normal operations will be routed to the normal wire center. The NXX will reside at the normal wire center. Outgoing traffic during normal operations may be routed to the normal wire center and/or alternate wire center for completion as designated by the customer.

Disaster Operations

In the event of a failure at the normal wire center, all incoming ISDN Primary Service traffic or other digital DID/DOD service provided by another carrier will be routed to the alternate wire center via the local serving tandem or direct trunks for completion at the customer's premises. Outgoing traffic will be completed through the alternate wire center and out to the network via the local serving tandem.



DIGITAL DATA COMMUNICATIONS SERVICEJ.1. ISDN PRIMARY DISASTER RECOVERY SERVICE (Cont'd)2. Explanation Of TermsAlternate Wire Center

The Company designated wire center which is not the customer's normal wire center to which customer's calls are routed.

Failure

A failure constitutes the total loss of ISDN Primary Service over the normal loop facilities between the normal wire center and the customer premises or the total loss of the normal wire center. The existence of a failure is determined by the Company.

Interoffice Facility

A 1.544 Mbps transmission facility comprised of twenty-four channels that is connected between the normal wire center and the alternate wire center. The interoffice facility may be used to transport overflow traffic and to test translations in the alternate wire center. It consists of a 1.544 Mbps terminal at each wire center and an interoffice channel between the two wire centers. Customers who subscribe to ISDN Primary Service in the normal wire center must subscribe to ISDN Primary Service interoffice termination ports and appropriate loops for this option.

Interoffice Termination Port

A DS-1 switch termination that interfaces directly to the serving ISDN Primary Service switch.

Normal Wire Center

The Company designated wire center where customer lines are connected to switching equipment to be connected to other lines and trunks.

Overflow

Additional traffic beyond the capacity of a specific trunking group.

Traffic

The amount of activity during a given period of time over a circuit or line, group of lines, or the amount of messages handled by a data communications switch.

Trunk

A telephone communications channel between two switching systems. The term "switching system" includes central office types, toll switching systems and PBXs.

3. Regulations

- a. ISDN Primary Disaster Recovery Service is furnished subject to the availability of facilities and is only available within a LATA.
- b. ISDN Primary Service regulations, rates, and charges apply to ISDN Primary Disaster Recovery Service ordered from the alternate wire center.
- c. Enterprise Service rates and charges, as appropriate, apply to Enterprise Service subscriber access to the alternate wire center.

DIGITAL DATA COMMUNICATIONS SERVICEJ.1. ISDN PRIMARY DISASTER RECOVERY SERVICE (Cont'd)3. Regulations (Cont'd)

- d. If a subscriber disconnects an ISDN Primary Disaster Recovery Service DTF to utilize Enterprise access, the ISDN Primary Service Disaster Recovery Service DTF termination charges will be waived.
- e. The minimum service period is 12 months. Additions to the initial service are also subject to a 12-month minimum service period. If the subscriber discontinues ISDN Primary Disaster Recovery Service in whole or in part prior to 12 months or prior to completion of the contract period, termination charges apply as described in ISDN Primary Service, Section 21, Paragraph J.
- f. The Company reserves the right to designate the alternate wire center and the digital switch technology.
- g. To the extent that the Company requires space on the customer's premises in order to deliver this service, the customer shall provide such space at no cost to the company.
- h. ISDN Primary Disaster Recovery Service will be provided according to a negotiated provisioning interval.
- i. In cases where fiber and/or electronics equipment are not present, special construction charges may apply.
- j. Disconnect and reconnect charges may apply for moving and reconfiguring circuits and channels when the customer requests ISDN Primary Disaster Recovery Service.
- k. ISDN Primary Disaster Recovery Service customers who select Interoffice Wire Center (Option 2) must purchase two interoffice termination ports, one at each end.
- l. Customers subscribing to Interoffice Wire Center (Option 2) must purchase these facilities in increments of 1.544 Mbps.
- m. Interoffice Wire Center (Option 2) customers must order circuits from both the normal and alternate wire center. The numbers that will be routed in the event of a disaster must be ordered from the normal wire center.
- n. Alternate Wire Center (Option 3) customers must order circuits from both the normal and alternate wire center. The numbers that will be routed in the event of a disaster must be ordered from the normal wire center.
- o. Termination charges are waived for existing Flexpath Disaster Recovery Service subscribers who discontinue Flexpath Disaster Recovery Service and subscribe to ISDN Primary Disaster Recovery Service provided that the quantity of ports and loops are preserved.

DIGITAL DATA COMMUNICATIONS SERVICEJ.1. ISDN PRIMARY DISASTER RECOVERY SERVICE (Cont'd)3. Regulations (Cont'd)

- p. The Service Establishment charge, per wire center, under alternate Wire Center (Option 3) will be waived for customers that are converting their Flexpath Disaster Recovery Service to ISDN Primary Disaster Recovery Service, provided the service is provisioned from the same switch preserving the same lines.
- q. This service is subject to all general regulations applicable to the provision of service by the Company as specified in Section 1 of this Tariff.
- r. The customer is responsible for providing a contact number through which the customer is readily accessible 24 hours a day, seven days a week.
- s. Flexible Pricing
  - (1) ISDN Primary Disaster Recovery Service rates may be decreased selectively, and in varying amounts so long as the rates cover their relevant costs.
  - (2) ISDN Primary Disaster Recovery Service rates may be increased selectively in varying amounts not to exceed 25 percent per year.
  - (3) The Company reserves the right to change the rates as described in (1) and (2) preceding at any time upon 10 days' notice to the Public Service Commission, by providing a revised Rate Schedule and appropriate cost support.
  - (4) Changes in ISDN Primary Disaster Recovery Service rates will be applied on the date the new rates become effective.
  - (5) A rate will not be changed unless it has been in effect for at least 30 days.
  - (6) The Company will notify customers of rate changes.

4. Rates and Charges\*, #

A customer may subscribe to ISDN Primary Disaster Recovery Service in the following combinations:  
Option 1; Options 1 and 2; Options 1 and 3; or Options 1, 2, and 3.

LOOP TO ALTERNATE WIRE CENTER (OPTION 1)\*#

Local	Rates and charges apply as	<u>USOC</u>
Distribution	specified in Sec. 12, Para L.,	1ATAX
Channel, Each	ASWC 1.5 Mbps Service, Month-	
	to-Month; in addition to Sec. 21,	
	ISDN Primary Service Ports and	
	Sec. 4, DID station numbers.	

and either a) or b):

DIGITAL DATA COMMUNICATIONS SERVICEJ.1. ISDN PRIMARY DISASTER RECOVERY SERVICE (Cont'd)4. Rates and Charges\*, # (Cont'd)LOOP TO ALTERNATE WIRE CENTER (OPTION 1)\*# (Cont'd)USOC

a) Digital Transport Facility, Each  
Or

Rates and Charges apply as specified in Sec. 21, J., ISDN Primary Service.

b) Digital Distribution Channel, Each

Rates and Charges apply as specified in Sec. 21, K., Enterprise Service.

INTEROFFICE WIRE CENTER (OPTION 2)\*

Interoffice Termination Port (two per loop), Each

Rates and Charges apply as specified in Sec. 21, J., ISDN Primary Service, and Rate Schedule.

## 1. Interoffice Loop, Each

a) Fixed

XUW1X

Rates and Charges apply as specified in Sec. 12, Para. G.8. and Rate Schedule.

b) Per Mile or Fraction thereof  
Or

3LN1S

2. Interoffice Digital Channel, Each

Rates and Charges apply as specified in Section 21, K., Enterprise Service.

1 YENS

ALTERNATE WIRE CENTER (OPTION 3)\*

Service Establishment Charge, Per Wire Center

Charges apply as specified in Sec. 4.E., Para. 36.1,4 and Rate Schedule.

SEPRA

Group of 24 Ports (Tandem/AWC)

Rates and Charges apply as specified in Sec. 4.E., Para. 36.1, 4 and Rate Schedule.

AW3PG

See Rate Schedule attached for rates and charges currently in effect.

\* Appropriate service connection charges specified in Section 14 of this tariff apply.

# End User Common Line Charges apply, as specified in FCC No. 11 tariff.

DIGITAL DATA COMMUNICATIONS SERVICE AJ.1. ISDN PRIMARY DISASTER RECOVERY SERVICE (Cont'd)4. Rates and Charges\*, # (Cont'd)ADDITIONS OR CHANGES

For subsequent activation or rearrangement of additional numbers that are associated with the normal wire center and are duplicated in the alternate wire center, the following nonrecurring charge applies:

<u>Nonrecurring Charge</u>		
Subsequent Numbers Activation Charge	As specified in Sec. 4, Para. E.36.1	REAGH

See Rate Schedule attached for rates and charges currently in effect.

\* Appropriate service connection charges specified in Section 14 of this tariff apply.

# End User Common Line Charges apply, as specified in FCC No. 11 tariff.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX® ENTERPRISE SERVICE1. General

NYNEX Enterprise Service provides for the transmission of analog or digital signals over fiber optic facilities. NYNEX Enterprise Service functions include network management, monitoring and surveillance.

NYNEX Enterprise Service provides transmission speeds from 2.4 kilobits per second (kbps) up to and including 100 Megabits per second (Mbps). NYNEX Enterprise Service circuits may consist of elements of various transmission speeds which are groomed to higher or lower transmission speeds.

NYNEX Enterprise Service circuits must be configured through one or more NYNEX Enterprise Service Hubs. Functions provided at the Hub include access for provisioning, maintenance, and network management; grooming, as described in K. 3. b. (C), following; bridging, as described in K. 3. b. (A), following; and circuit reconfiguration, as described in K. 3. b. (D), following.

NYNEX Enterprise Service circuits are provided, through one or more Hubs, between customer designated premises; between a customer designated premises and an Interconnector's Node under the terms and conditions for Optical Transport Interconnection Service II and Microwave Transport Interconnection Service as specified in Section 12 of this Tariff. NYNEX Enterprise Service circuits are also provided between a customer designated premises and a Hub where NYNEX Enterprise Service grooming, bridging, or reconfiguration functions are performed; between an Interconnector's Node and a Hub where NYNEX Enterprise Service grooming, bridging, or reconfiguration functions are performed; and between Hubs where NYNEX Enterprise Service grooming, bridging, or reconfiguration functions are performed. When a NYNEX Enterprise Service circuit is ordered with grooming, bridging, or reconfiguration functions, the customer must specify the Hub where these functions are performed.

When the serving wire center of the customer's premises is not a NYNEX Enterprise Service Hub, NYNEX Enterprise Service Interoffice Digital Channel (IDC) mileage will apply to connect the customer's NYNEX Enterprise Service Digital Distribution Channel (DDC) to the Hub.

## a. NYNEX Enterprise DS0 Service

NYNEX Enterprise DS0 Service provides for the simultaneous two-way transmission of analog or digital signals over fiber optic facilities at speeds up to and including 64 kbps. A NYNEX Enterprise DS0 Digital Distribution Channel (DDC) or Interoffice Digital Channel (IDC) may be included in a grooming arrangement with a NYNEX Enterprise DS1 Service DDC or IDC.

DIGITAL DATA COMMUNICATIONS SERVICE

K. NYNEX ENTERPRISE SERVICE (Cont'd)

1. General (Cont'd)

a. NYNEX Enterprise DSO Service (Cont'd)

NYNEX Enterprise DSO Service is available as follows:

64.0 Kbps Digital Data  
56.0 Kbps Digital Data  
19.2 Kbps Digital Data  
9.6 Kbps Digital Data  
4.8 Kbps Digital Data  
2.4 Kbps Digital Data

Analog 2 - Wire DATA  
Analog 4 - Wire Data  
Analog 2 - Wire Voice  
Analog Automatic Ringdown Voice  
Analog Manual Ringdown Voice  
Analog 2/4 Wire E&M Voice

NYNEX Enterprise Service DSO channels are available in two service configurations as follows:

(A) NYNEX Enterprise Service DSO Standard Service

A NYNEX Enterprise Service DSO Standard Service consists of Telephone Company provided network equipment deployed at a customer's premises in which the customer shares the right of occupancy with others. The Telephone Company's network equipment enables the Telephone Company to provision DSO circuits and to perform remotely, from a single point of contact, the network functions of monitoring and surveillance.

(B) NYNEX Enterprise Service DSO Prime Service

A NYNEX Enterprise Service DSO Prime Service consists of customer provided equipment deployed at a customer premises in which the customer has the right of occupancy to the exclusion of others to enable the provision of NYNEX Enterprise Service DSO circuits on such premises. The customer must provide the necessary equipment at its premises to enable the Telephone Company to deliver NYNEX Enterprise Service DSO circuits and to perform remotely, from a single point of contact, the network functions of monitoring and surveillance.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)1. General (Cont'd)

## b. NYNEX Enterprise Fractional DS1 Service

THIS SERVICE IS FURNISHED ON EXISTING INSTALLATIONS ONLY. ADDITIONS,  
REARRANGEMENTS, AND MOVES ARE NOT PERMITTED.

(N)  
(N)

NYNEX Enterprise Fractional DS1 Service provides for the simultaneous two-way transmission of digital signals over fiber optic facilities at speeds up to and including 768 kbps. Customers may order contiguous bandwidth of 128 kbps, 256 kbps, 384 kbps, 512 kbps, or 768 kbps. A NYNEX Enterprise Fractional DS1 DDC or IDC may be included in a grooming arrangement with a NYNEX Enterprise DS1 Service DDC or IDC. NYNEX Enterprise Fractional DS1 Service channels are available in two service configurations as follows:

## (A) NYNEX Enterprise Fractional DS1 Standard Service

NYNEX Enterprise Fractional DS1 Standard Service consists of Telephone Company-provided network equipment deployed at a customer's premises in which the customer shares the right of occupancy with others. The Telephone Company's network equipment enables the Telephone Company to provision Enterprise Fractional DS1 circuits and to perform remotely, from the Enterprise Single Point of Contact, the network functions of monitoring and surveillance.

## (B) NYNEX Enterprise Fractional DS1 Prime Service

NYNEX Enterprise Fractional DS1 Prime Service consists of customer-provided equipment deployed at a customer's premises in which the customer has the exclusive right of occupancy to the exclusion of others. The customer-provided equipment enables the Telephone Company to provision Enterprise Fractional DS1 circuits to the customer's premises and to perform remotely, from the Enterprise Single Point of Contact, the network functions of monitoring and surveillance.

## c. NYNEX Enterprise DS1 Service

NYNEX Enterprise DS1 Service provides for the simultaneous two-way transmission of digital signals at 1.544 Mbps over fiber optic facilities. A NYNEX Enterprise DS1 DDC or IDC may be included in grooming arrangements with one or more NYNEX Enterprise DS0 Service and/or NYNEX Enterprise Fractional DS1 Service DDCs or IDCs and/or with a NYNEX Enterprise DS3 Service DDC or IDC.

## d. NYNEX Enterprise DS3 Service

NYNEX Enterprise DS3 Service provides for the simultaneous two-way transmission of digital signals at 44.736 Mbps over fiber optic facilities. A NYNEX Enterprise DS3 DDC or IDC may be included in a grooming arrangement with one or more NYNEX Enterprise DS1 Service DDCs or IDCs.



DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)1. General (Cont'd)

## e. NYNEX Enterprise FDDI Service

THIS SERVICE IS FURNISHED ON EXISTING INSTALLATIONS ONLY. ADDITIONS, REARRANGEMENTS, AND MOVES OF SERVICE ARE NOT PERMITTED. EFFECTIVE JUNE 14, 2002, NYNEX ENTERPRISE FDDI SERVICE WILL NO LONGER BE AVAILABLE. (C)

NYNEX Enterprise FDDI Service is a digital service which provides 100 Megabits per second data transmission speed over fiber optic facilities. NYNEX Enterprise FDDI Service is based on ANSI X3T9.5 standards for single mode fiber distributed data interfaces. The service may be used to connect two subscriber locations on a point-to-point basis; multiple subscriber premises to one or more NYNEX Enterprise FDDI Service hubs, or between NYNEX Enterprise FDDI Service hubs. Only NYNEX Enterprise FDDI Service Channels of a single subscriber may be interconnected at hub locations. NYNEX Enterprise FDDI Service channels cannot be connected to any other service, including all other NYNEX Enterprise Services.

2. Definitions

DSO describes transmission bandwidth capable of supporting digital bit rates of up to 64 kilobits per seconds (Kbps).

A Digital Distribution Channel (DDC) is a loop provided over fiber optic facilities between the subscriber designated premises and the local serving wire center. Two (2) DDCs are required for one (1) end to end circuit.

An Interoffice Digital Channel (IDC) is a channel provided over fiber optic facilities between New York Telephone Company Central Offices that facilitate connection of 2 NYNEX Enterprise DDCs to complete an end to end circuit.

A Hub is a New York Telephone Company designated serving wire center which is equipped to provided NYNEX Enterprise Service.

Grooming allows the connection of up to 24 NYNEX Enterprise DSO channels, or one or more NYNEX Enterprise Fractional DS1 channels to a single NYNEX Enterprise DS1 channel. Grooming also allows the connection of up to 28 NYNEX Enterprise DS1 channels to a single NYNEX Enterprise DS3 channel.

A NYNEX Enterprise Flexpath Access Digital Distribution Channel (DDC) is provided over fiber optic facilities between a Flexpath subscriber's premises and the local serving wire center. This channel is provided solely as a dedicated NYNEX Enterprise Access to Flexpath DDC.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)2. Definitions (Cont'd)

A NYNEX ENTERPRISE ISDN PRIMARY ACCESS DIGITAL DISTRIBUTION CHANNEL (DDC) is provided over fiber optic facilities between a ISDN primary subscriber's premises and the local serving wire center. This channel is provided solely as a dedicated NYNEX Enterprise ISDN Primary Access DDC.

A SERVICE IMPAIRMENT occurs when either the New York Telephone Company or a subscriber notifies the other of a trouble condition and the subscriber declines to release the circuit to New York Telephone for repair.

A SERVICE INTERRUPTION occurs when a circuit becomes unusable to the subscriber because of a failure of a New York Telephone Company provided component.

A service interruption period starts when the subscriber releases the circuit for repair after being informed by New York Telephone Company of a circuit trouble condition or a circuit trouble condition is reported to New York Telephone Company by the subscriber and such condition is verified by New York Telephone. A service interruption ends when the circuit is repaired.

64 Kilobit per second describes a clear channel digital data transmission utilizing the full bandwidth available on a DSO channel.

Two-Wire Voice describes the analog option which may used PXOS (Types A, B, or C) and/or other voice communication channels.

Automatic Ringdown Voice describes two-point automatic signaling voice communication service.

Manual Ringdown Voice describes two point manually signaled voice communication service.

Analog 2/4 Wire E&M Voice describes two-point tie line type voice communications service.

Contiguous Bit Rates describes fractional DS1 digital data transmission speeds which support the full and open utilization of the distinct bandwidth provided. A contiguous fractional DS1 circuit is treated as a single channel through the networks, unlike non-contingent fractional DS1 (not offered with this tariff) which provides multiple DSO's treated as separate channels through the network.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)3. Description

## a. NYNEX Enterprise Service Standard Features

NYNEX Enterprise Service Standard Features are service capabilities and/or functions which are included in NYNEX Enterprise Service.

## (A) NYNEX Enterprise Single Point of Contact Support

The NYNEX Enterprise Service Single Point of Contact (SPOC) center will provide continuous support for NYNEX Enterprise Service circuits (24 hours a day, 7 days a week). The SPOC will perform maintenance, trouble shooting and network management functions with respect to all NYNEX Enterprise Service circuits ordered by the subscriber. The SPOC will perform service order processing and network installation functions for NYNEX Enterprise Service circuits on Mondays through Fridays, 9:00 A.M. to 5:00 P.M. The subscriber may authorize a designated agent to act on its behalf in negotiations with the NYNEX Enterprise Service SPOC.

Service Management is provided by the NYNEX Enterprise Service SPOC and allows for all the NYNEX Enterprise Service circuits ordered by the subscriber to be managed by the SPOC as a single subscriber network.

Monitoring is provided by the NYNEX Enterprise Service SPOC. The SPOC will review trouble conditions, notify the subscriber of the trouble condition, request circuit release for repair, and initiate corrective measures.

A NYNEX Enterprise Service customer must subscribe to one of the NYNEX Enterprise Service Reconfiguration Optional Features, as described in K. 3. b. (D.), following, for reconfiguration of NYNEX Enterprise Service circuits.

## (B) NYNEX Enterprise Service Guarantee

The Company guarantees NYNEX Enterprise Service restoration within four (4) hours of a service interruption. If service is not restored within the specified time frame, subject to the regulations stated in this Tariff, the Company will issue a credit for the NYNEX Enterprise Service circuit as provided in the following regulations.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)3. Description (Cont'd)

## a. NYNEX Enterprise Service Standard Features (Cont'd)

## (C) Flexible Data Speed (DSO)

Flexible Data Speed (DSO) allows a subscriber to change the data bit rate speed on an existing digital NYNEX Enterprise DSO Service circuit via the SPOC. Flexible Data Speed is only available for NYNEX Enterprise DSO Service and is used to change between the following data rates:

2.4 Kbps  
4.8 Kbps  
9.6 Kbps  
19.2 Kbps  
56.0 Kbps  
64.0 Kbps

Flexible Data Speed (DSO) is not available on multi-point bridged circuits or on circuits where any portion is provided as a DDS II channel, as described in Paragraph 4. t., following.

## b. NYNEX Enterprise Service Optional Features

NYNEX Enterprise Service Optional features are bandwidth management and service rearrangement capabilities available to subscribers of NYEX Enterprise Services. NYNEX Enterprise optional features are provided subject to the availability of facilities. Rates and charges for these features are in addition to the rates and charges for NYNEX Enterprise Service.

## (A) Multi-Point Bridging (DSO)

This option provides for the bridging of NYNEX Enterprise DSO circuits at the NYNEX Enterprise Hub. A maximum of forty (40) analog tributary DSO DDCs and one analog control DDC, or sixteen (16) digital tributary DSO DDCs and one digital control DDC, can be bridged at a NYNEX Enterprise Service Hub or Hubs.

DSO Multi-Point Bridging is available for NYNEX Enterprise DSO digital, 4-wire analog data, or 2/4-wire analog voice circuits of the same type and speed.

Each NYNEX Enterprise DSO DDC included in a bridging arrangement incurs a recurring monthly charge. This charge is in addition to the monthly recurring charges associated with NYNEX Enterprise DSO Service.

NYNEX Enterprise Multi-Point bridging may only be used with NYNEX Enterprise DSO Service.

Tributary legs of multi-point NYNEX Enterprise DSO circuits are not eligible for NYNEX Enterprise Service Reconfiguration Optional Features as described in K. 3. b. (D), following.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)3. Description (Cont'd)

## b. NYNEX Enterprise Service Optional Features (Cont'd)

## (B) Bandwidth on Request (Fractional DS1)

Bandwidth on Request allows a NYNEX Enterprise Fractional DS1 Service customer to receive additional temporary bandwidth between a customer designated premises and a Hub for a specified period of time, where facilities permit (i.e., subject to the availability of capacity on the existing facility serving the customer's Fractional DS1 channel). The customer may request a total bandwidth equal to one of the transmission speeds specified for NYNEX Enterprise Fractional DS1 Service in K. 1., preceding. The customer may request temporary additional Fractional DS1 bandwidth for a period of four, eight, twelve, or twenty four hours. Charges apply per period according to the temporary total bandwidth requested.

In the event the subscriber wishes to discontinue use of the temporary bandwidth prior to the completion of the specified time period, the charge for the agreed to time period still applies.

At the time of the subscriber's request, the subscriber must specify the fractional DS1 bandwidth required.

## (C) Grooming (DS0, Fractional DS1, DS1, DS3)

NYNEX Enterprise Service circuits may be groomed at a Hub to allow lower-bandwidth channels (DDCs and/or IDCs) to efficiently share higher-bandwidth facilities. Cascade Grooming provides for NYNEX Enterprise DS0 and/or NYNEX Enterprise Fractional DS1 channels to be groomed to a NYNEX Enterprise DS1 channel which is subsequently groomed to a NYNEX Enterprise DS3 channel, either in the same Hub or in different Hubs. If the different stages of Cascade Grooming are performed in different Hubs, IDC mileage charges apply between the Hubs. A ThruPath connection occurs when a lower-bandwidth channel is derived from, and interconnects, two higher-bandwidth channels (e.g., a DS1 ThruPath connection between two DS3 channels). The higher-bandwidth channels interconnected via a ThruPath connection may be NYNEX Enterprise Service channels or other private line channels as described in K. 4. t., following. A nonrecurring charge applies for the establishment of each lower-bandwidth ThruPath connection. If the lower-bandwidth channel is derived from higher-bandwidth channels in different Hubs, IDC mileage charges apply between the Hubs.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)3. Description (Cont'd)

## b. NYNEX Enterprise Service Optional Features (Cont'd)

## (D) Network Emergency Planning Options

## (1) Dual Homing (DS0, Fractional DS1, DS1, DS3)

A Dual Homing arrangement allows a NYNEX Enterprise Service Digital Distribution Channel (DDC) to be diversely routed via a wire center other than the normal serving wire center for the customer's premises. The alternate serving wire center will be specified by the Company.

Charges for a Dual Homing DDC apply in addition to the charges for the DDC to the customer's normal serving wire center. Where Interoffice Digital Channel (IDC) charges apply to connect the customer's premises to the Hub, the mileage used to determine the charges to connect the Dual Homing DDC to the Hub is based on the alternate serving wire center.

## (2) Standby Circuits (DS1, DS3)

NYNEX Enterprise Service Standby Circuits enable a customer to protect against a service-affecting failure by providing an inactive alternate transmission path (Standby Circuit) to another of the customer's premises. A Standby Circuit may consist of a Digital Distribution Channel (DDC) alone or may include an Interoffice Distribution Channel (IDC) as well. A Standby Circuit to an alternate premises provides protection for one or more working (active) circuits to the customer's normal premises. If a customer purchases a Standby Circuit to provide protection for multiple working circuits, the customer must inform the SPOC as to which of the working circuits is to be replaced in the event of the failure of more than one working circuit. A Standby Circuit requires the Emergency Reconfiguration in Conjunction with Standby Circuits optional feature, as described in K. 3. b. (D) (5), following.

The charges for a Standby Circuit are in addition to the charges for the working circuit or circuits. In addition, charges apply for the NYNEX Enterprise Network Reconfiguration Service Network Access Port to which the Standby Circuit is connected.

Standby Circuits may not be included in an alternate circuit configuration in conjunction with the Scheduled Reconfiguration optional feature or the Requested Reconfiguration optional feature as described in K. 3. b. (D) (3) and K. 3. b. (D) (4), following. Standby Circuits are not available for use in conjunction with access to Flexpath Digital PBX Service or ISDN Primary Service.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)3. Description(Cont'd)

## b. NYNEX Enterprise Service Optional Features (Cont'd)

## (D) Network Emergency Planning Options (Cont'd)

## (3) Scheduled Reconfiguration (DS0, Fractional DS1, DS1, DS3)

Scheduled Reconfiguration enables the customer to request the reconfiguration of a NYNEX Enterprise Service circuit by the SPOC on a regularly scheduled basis, based on a circuit map previously reviewed and agreed to by the customer. The customer's alternate circuit configuration must remain in place for a minimum of fifteen (15) minutes. A reconfigurable channel may consist of a DDC alone or may include an IDC as well. Scheduled Reconfiguration requires that the customer's NYNEX Enterprise Service circuit be purchased in conjunction with NYNEX Enterprise Network Reconfiguration Service as described in Section 21, Paragraph F. of this Tariff. A monthly charge applies for access to the SPOC as set forth in Section 21, Paragraph F.

## (4) Requested Reconfiguration (DS0, Fractional DS1, DS1, DS3)

Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises, based on a circuit map previously reviewed and agreed to by the customer. A reconfigurable channel may consist of a DDC alone or may include an IDC as well. Requested Reconfiguration requires that the customer's NYNEX Enterprise Service circuit be purchased in conjunction with NYNEX Enterprise Network Reconfiguration Service as described in Section 21, Paragraph F. of this Tariff. A monthly charge applies for access to the SPOC as set forth in Section 21, Paragraph F.

## (5) Emergency Reconfiguration In Conjunction with Standby Circuits (DS1, DS3)

Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises connected to a Hub via a Standby Circuit or Circuits, based on a circuit map previously reviewed and agreed to by the customer. A reconfigurable channel may consist of a DDC alone or may include an IDC as well.

Emergency Reconfiguration in Conjunction with Standby Circuits requires that the customer's NYNEX Enterprise Service circuit be purchased in conjunction with NYNEX Enterprise Network Reconfiguration Service as described in Section 21, Paragraph F. of this Tariff.

Requests for reconfiguration of Enterprise channels from customers who subscribe to Emergency Reconfiguration in Conjunction with Standby Circuits will take priority over requests from customers who subscribe to Requested Reconfiguration. A monthly charge applies for access to the SPOC as set forth in Section 21, Paragraph F.

## OUTSIDE OF THE NEW YORK METROPOLITAN LOCAL EXCHANGE AREA

K. NYNEX ENTERPRISE SERVICE (Cont'd)3. Description (Cont'd)

- b. NYNEX Enterprise Service Optional Features (Cont'd)
- (D) Network Emergency Planning Options (Cont'd)

## (6) Emergency Reconfiguration (DSO, Fractional DS1, DS1, DS3)

Upon request to the SPOC, the Company will reconfigure a channel or channels of a NYNEX Enterprise Service circuit to alternate customer premises, based on a circuit map previously reviewed and agreed to by the customer. A reconfigurable channel may consist of a DDC alone or may include an IDC as well.

Emergency Reconfiguration requires that the customer's NYNEX Enterprise Service circuit be purchased in conjunction with NYNEX Enterprise Network Reconfiguration Service as described in Section 21, Paragraph F. of this Tariff.

Requests for reconfiguration of Enterprise channels from customers who subscribe to Emergency Reconfiguration will take priority over requests from customers who subscribe to Emergency Reconfiguration in Conjunction with Standby Circuits or Requested Reconfiguration. A monthly charge applies for access to the SPOC as set forth in Section 21, Paragraph F.

4. Regulations

- a. The Company will provide this service only to subscriber designated building locations served with fiber facilities.
- b. Specifications and requirements for NYNEX Enterprise Service channels are described as follows:

NYNEX Enterprise DSO

TR-TSY-000335  
PUB 41004, Table 4  
TR-NPL-000157  
PUB 62310  
NTR 74374, Issue No. 2  
NTR 74375, Issue No. 2

NYNEX Enterprise  
DSO Prime

Newbridge Intelligent  
Network Node, Interface  
Specification, PRD-0004



DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)4. Regulations (Cont'd)

NYNEX Enterprise  
Fractional DS1  
NYNEX Enterprise DS1

ANSI T1.403  
TR-NPL-000054  
PUB 63411

NYNEX Enterprise DS3

TR-INS-00342

These Publications may be purchased from NYNEX Telesector Resources Group by contacting:

Manager  
Information Management  
NYNEX Telesector Resources Group  
441 Ninth Avenue - 7th Floor  
New York, New York 10001

- c. NYNEX Enterprise Service installation are not subject to service connection charges as specified in Section 14 of this tariff.
- d. A maximum of twenty-four (24) NYNEX Enterprise DSO Digital Distribution Channels may, at a Hub, connect to a NYNEX Enterprise Service DS1 Digital Distribution Channel to form end to end service. A maximum of twenty eight (28) NYNEX Enterprise DS1 Digital Distribution channels may, at a Hub, connect to a NYNEX Enterprise Service DS3 Digital Distribution Channel to form end to end service.
- e. Switched Network Access Port Service (SNAPS), DDS, Network Reconfiguration Service, and/or DOVPATH may not be combined with or connected to NYNEX Enterprise Service circuits.
- f. NYNEX Enterprise DSO Service may be provided with Standard NYNEX Enterprise DDC's and NYNEX Enterprise Service DSO Prime Service DDC's on the same point to point service, Interoffice Digital Channel, or groomed on NYNEX Enterprise DS1 channels.
- g. A NYNEX Enterprise DSO service may be provisioned with a combination of one standard service and one prime service. NYNEX Enterprise DSO Standard channels and NYNEX Enterprise DSO Prime Service channels may be groomed on the same NYNEX Enterprise DS1 channel at the NYNEX Enterprise Hub.
- h. NYNEX Enterprise DSO, Fractional DS1, DS1 and DS3 Service may connect to an interconnector's node under the terms and conditions for Optical Transport Interconnection Service II and Microwave Transport Interconnection Service, as specified elsewhere in this tariff.
- i. The subscriber shall provide Verizon New York Inc. with access to floor space, wall space, cable routes and power sources sufficient to provide this service. The subscriber shall be responsible for environmental conditions (HVAC) in subscriber designated buildings.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)4. Regulations (Cont'd)

- j. Special Construction charges pursuant to Section 1, Paragraph A. 6. of this Tariff shall apply when a subscriber requests NYNEX Enterprise Service to a building which is not served by fiber.
- k. The subscriber is responsible for the provision of all CSU/DSU, modem or other customer premises equipment at either end of the NYNEX Enterprise Service circuit.
- l. The minimum service period for NYNEX Enterprise DDCs and/or IDCs is 3 months, except for NYNEX Enterprise FDDI DDCs and/or IDCs, for which the minimum service period is three (3) years.

A subscriber to NYNEX Enterprise Service may also select a service period ranging from 13 to 84 months at the appropriate rates shown on the Rate Schedule. Termination liability charges, as specified in Paragraph q. following, apply for termination prior to the completion of the minimum service period and/or the selected service period.

- m.
- n. Interoffice Digital Channels are required when 1) the local central office is not a NYNEX Enterprise Hub; or 2) the subscriber premises are in different central office building areas, or 3) grooming or DSO Multi-point Bridging is provided at a NYNEX Enterprise Hub which is not the subscriber's local central office.

Interoffice Digital Channel (IDC) mileage applies as follows:

1. If the local central office is not a NYNEX Enterprise Hub, an IDC is required for each Digital Distribution Channel (DDC) provided to the subscriber. Mileage is calculated based upon the distance between the local central office and the NYNEX Enterprise Hub serving the subscriber's local central office.
2. If the subscriber premises are in different Central Office Building areas an IDC is required between the local Central Offices of each premises. In the case the mileage is calculated based upon the distance between the two local Central Offices.
3. IDC mileage charges will also apply to connect an NYNEX Enterprise DDC to an NYNEX Enterprise Hub in order to provide grooming or multi-point bridging, if such grooming or bridging is not performed at the local Central Office. The mileage in this instance is calculated based upon the distance between the local serving Central Office and the NYNEX Enterprise Hub.

Interoffice Digital Channels are measured between Central Offices/NYNEX Enterprise Hubs in airline miles based upon the latitude and longitude of each Central Office/Hub. Any fractional mileage is rounded up to the next full mile.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)4. Regulations (Cont'd)

## o. Credit Allowances

## 1. When A Credit Allowance Applies

The NYNEX Enterprise Service Guarantee will be applied to service interruptions which exceed four (4) consecutive hours. The NYNEX Enterprise Service Guarantee credit is in lieu of all other credit allowances stated in Section 1 of this tariff. A maximum of one credit, equal to the total monthly recurring charges for the service, may be issued per circuit, per bill period. A Service Interruption will result in a maximum of one credit regardless of duration or timing within bill periods.

## 2. When A Credit Allowance Does Not Apply

No credit allowance will apply:

1. For Service Interruption during any time period in which Verizon New York Inc. is not afforded access to the premises where the circuit is terminated, in order to effect a repair.
2. For a Service Interruptions not due to any fault of the Verizon New York Inc., including but not limited to, Verizon New York Inc. initiated rearrangements.
3. When the subscriber declines to release a circuit for repair.
4. For a Service Interruption due to the failure of equipment or systems provided by others, and/or for service-affecting commercial power failures.
5. When a subscriber released a circuit to Verizon New York Inc. for non-trouble related reasons, including but not limited to, Verizon New York Inc. initiated rearrangements, or for the implementation of a subscriber's order for a change or rearrangements.
6. When Verizon New York Inc. suspends or terminates service because of non-payment or bills due to unlawful or improper use of facilities or service, or any other reason authorized by the tariff.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)4. Regulations (Cont'd)

## p. Individual Case Billing Arrangements

NYNEX Enterprise FDDI 100 Mbps Service prices are to be determined on a customer specific pricing basis using incremental costs. Customer specific prices will be made available to similarly situated customers on a non-discriminatory basis. Prices will be determined on an Individual Case Basis (ICB) for other NYNEX Enterprise Services where the subscriber is interested in non-standard service periods and/or volume commitments. Volume commitments are available on an individual rate or a bulk billed basis. Bulk billing will begin when fifty percent (50%) of the service is installed, unless other specific billing arrangements are included as part of the ICB contract. In determining the price for a volume related ICB arrangement, the Company will recognize the total volume of intrastate and interstate NYNEX Enterprise Services. However, the Company will only apply discounts to the intrastate NYNEX Enterprise Services. Cost data to support each customer specific price under this tariff will be on file with the Public Service Commission.

As part of an ICB arrangement, the Company may offer to stabilize NYNEX Enterprise prices over the life of the contract. In such an arrangement the ICB monthly rate is guaranteed against Verizon New York Inc. initiated increases and will apply for the entire duration of the ICB contract. In the event that a Public Service Commission mandated increase is applied to the ICB price, the subscriber may terminate the contract without incurring any termination liability, except that a charge may be applied to recover any unrecovered relevant incremental costs incurred by the Company.

If tariff rates for NYNEX Enterprise Service are decreased, the Company will review the ICB contract and, at its discretion, may offer to lower the ICB contract price, provided relevant incremental costs are covered.

## q. Termination Liability

Any termination of channels prior to completion of the applicable minimum service period will result in termination liability charges, per channel, equal to 100% of the month to month rates for the remaining months in the minimum service period. This liability also applies to channels under service periods ranging from 13 to 84 months and to channels provided under an ICB arrangement which terminate prior to completion of the minimum service period.

Any termination prior to completion of the selected service period, but after the applicable minimum service period, will also result in a termination liability charge per channel. This charge will be the lower of the charges calculated under the two options below.

OPTION 1

The termination liability charge, per channel, is 50% of the applicable monthly rate for each month and fraction thereof in the balance of the selected service period.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)4. Regulations (Cont'd)

## q. Termination Liability (Cont'd)

OPTION 2

The termination liability charge, per channel, is the difference between the applicable monthly rate for the shorter service period for which the channel actually in service and the monthly rate for the selected service period multiplied by the actual number of months the terminated channel has been in service.

For channels provided under the terms of a bulk-billed ICB arrangement the monthly rate to be used in calculating termination liability charges will be the average price per channel or LAN connection included in the ICB arrangement. The average price is the ICB monthly rate divided by the number of channels or LAN connection included in the ICB. When determining termination liability charges under Option 2 above, the difference between the tariffed rates for the service period for which the channels were actually in service and the average price per channel or LAN connection will be used.

Termination liability charges for channels provided under the terms of a bulk-billed ICB arrangement may be waived, provided that relevant incremental costs are recovered.

## 1. Termination liability charges do not apply to upgrade or replace Enterprise Service.

An upgrade is a disconnect of some or all of a subscriber's Enterprise Services in order to replace them with other Enterprise Services with a bit rate higher than that of the services being disconnected.

A replacement occurs when a customer with Enterprise Service provided under a service period of 24 months or more replaces one or more of the services with new or existing service(s) of the same speed or type for the balance of the selected service period.

Termination liability charges will not apply provided that an order to accomplish the upgrade or replacement of the existing service is placed at the same time as the disconnect order, or within sixty (60) days of such an order.

## r. Extension of Service Period

A subscriber may, prior to the expiration of the selected service period, replace the Individual Case Billing arrangement with a longer service period. No termination liability charges will apply for the circuits extended to a longer service period. The monthly rates applicable for the longer service period will apply effective with the next bill date following the request for the charge.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)4. Regulations (Cont'd)

- s. NYNEX Enterprise Access to Flexpath Service is provided by means of the following service arrangements:
1. If Flexpath service is available from the subscribers local serving Central Office, and that serving central office is also an NYNEX Enterprise Hub, then the serving arrangement will consist of a dedicated NYNEX Enterprise Access to Flexpath Service Digital Distribution Channel (DDC), between the local central office which is a NYNEX Enterprise Hub and the customer location in that central office district, and a Flexpath service port.
  2. If Flexpath service is available from the subscribers local serving central office, and that serving central office is not a NYNEX Enterprise Hub office, NYNEX Enterprise Access to Flexpath Service is provided via a dedicated NYNEX Enterprise Access to Flexpath Service Digital Distribution Channel (DDC), between the local serving central office and the customer location in that local serving central office district, a Flexpath service port, and a NYNEX Enterprise Interoffice Digital Channel (IDC) between a NYNEX Enterprise Hub and the subscriber's Flexpath equipped local serving central office.
  3. If Flexpath service is not available from the subscribers local serving Central Office, yet is available in an office other than the local serving central office of the subscriber's location, service may be provided via a NYNEX Enterprise Access to Flexpath Service Digital Distribution Channel (DDC), between the local serving central office and the customer location in that local serving central office district, a Flexpath service port, and an NYNEX Enterprise Interoffice Digital Channel (IDC) between the central office where the Flexpath service port is located and the subscriber's local serving central office.
- t. NYNEX Enterprise Service is only available where suitable facilities exist. In order to satisfy a subscriber's service requirements in those incidental locations where NYNEX Enterprise Service facilities are available at the subscribers local serving central office, but are not available at a subscribers premises, connection to NYNEX Enterprise Service at the local Serving Central office may be accomplished using the local serving facilities of:

<u>Item</u>	<u>Tariff Reference</u>
Analog Private Line	PSC NY No. 1 Section 7
DDS II	PSC NY No. 1 Section 21
Superpath 1.5 megabit/sec service	PSC NY No. 1 Section 12

NYNEX Enterprise Interoffice Digital Channel mileage (if appropriate) will apply from the subscriber's local serving central office to a Hub.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)4. Regulations (Cont'd)

## t. (Cont'd)

When a NYNEX Enterprise Service customer subscribes to NYNEX Enterprise Network Reconfiguration Service, as described in Section 21, Paragraph F. of this Tariff, no more than fifty percent (50%) of the Network Access Ports may terminate channels of the above listed services.

When the above listed services are connected to NYNEX Enterprise Service, they are provided under the terms and conditions of their respective tariff regulations, rates and charges. NYNEX Enterprise Service terms and conditions are not extended to these services, except that when prices for NYNEX Enterprise Service are determined on an individual case basis, rates for such services may be included in the Individual Case Billing Arrangement.

- u. NYNEX Enterprise Access to ISDN Primary Service is provided by means of the following service arrangements:
  - 1. If ISDN Primary service is available from the subscriber's local serving central office, and that serving central office is also an Enterprise Hub, then the serving arrangement will consist of dedicated NYNEX Enterprise Access to ISDN Primary Service Digital Distribution Channel (DDC), between the local central office which is a NYNEX Enterprise Hub and the customer location in that central office district, and a ISDN Primary service port.
  - 2. If ISDN Primary Service is available from the subscriber's local serving central office, and that serving central office is not a NYNEX Enterprise Hub office, NYNEX Enterprise Access to ISDN Primary Service is provided via a dedicated NYNEX Enterprise Access to ISDN Primary Service Digital Distribution Channel (DDC), between the local serving central office and the customer location in that local serving central office district, a ISDN Primary service port, and a NYNEX Enterprise Interoffice Digital Channel (IDC) between a NYNEX Enterprise Hub and the subscriber's ISDN Primary equipped local serving central office.
  - 3. If ISDN Primary Service is not available from the subscribers local serving central office, yet is available in an office other than the local serving central office of the subscriber's location, service may be provided via a NYNEX Enterprise Access to ISDN Primary Service Digital Distribution Channel (DDC), between the local serving central office and the customer location in that local serving central office district, a ISDN Primary service port, and a NYNEX Enterprise Interoffice Digital Channel (IDC) between the central office where the ISDN Primary Service port is located and the subscriber's local serving central office.

DIGITAL DATA COMMUNICATIONS SERVICEK. NYNEX ENTERPRISE SERVICE (Cont'd)4. Regulations (Cont'd)

- v. The local loop component of NYNEX Enterprise DS1 And DS3 Service and the local loop component of NYNEX Enterprise Service DS1 and DS3 Standby Circuits may be purchased under the terms and conditions of Integrated Access Service, as described in Section 12, Paragraph N. of this tariff. In such cases Integrated Access Service local loop transport will be provided in lieu of a NYNEX Enterprise Service Digital Distribution Channel, and may be connected to a NYNEX Enterprise Service DDC, a NYNEX Enterprise Service Interoffice, other IAS local loop transport, or other services, as required, to provide a complete service. The monthly rates and charges for a NYNEX Enterprise Service DDC will apply.

When a customer selects the Integrated Access Service Transport Package 1, 3, or 12 service delivery option, as specified in Section 12, Paragraph N. 3. of this Tariff, the rates and charges for the Integrated Access Service Transport Package 1, 3, or 12 Local Distribution Channel will apply in lieu of the rates and charges for the NYNEX Enterprise Service Digital Distribution Channel.

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5. Flexible Pricing

- a. NYNEX Enterprise Service rates may be reduced selectively and in varying amounts, as long as rates cover their relevant incremental costs.
- b. NYNEX Enterprise Service rates may be increased selectively and in varying amounts not to exceed 25 percent per year.
- c. The Company reserves the right to change the rates as described in a. and b. above at any time upon 10 days' notice to the Public Service Commission by providing a revised Rate Schedule and appropriate cost support. The rates for this service are shown in the Rate Schedule and are on file with the Public Service Commission.
- d. Changes in NYNEX Enterprise Service rates will be effective on the date shown on the Rate Schedule attached to this Tariff.
- e. A rate will not be changed unless it has been in effect for at least 30 days.



DIGITAL DATA COMMUNICATIONS SERVICE

K. NYNEX ENTERPRISE SERVICE (Cont'd)

6. Waiver of Charges

- a. The Company reserves the right to waive recurring charges at any time upon ten days' notice to the Commission, in order to promote the sale of NYNEX Enterprise Fractional DS1 Service.
- b. Terms and conditions in effect on this waiver are listed in the Attachment to this Section. The Attachment follows all pages of this Section.
- c. Each waiver will be in effect for a maximum period of 90 days.
- d. Appropriate notification of the waiver will be made to customers.

7. Rates and Charges

See Rate Schedule attached to this Tariff for rates and charges in central offices where service is available.

As service is made available in additional central offices, rates and charges will become effective upon 10 days' notice to the Public Service Commission by providing a revised Rate Schedule and appropriate cost support.

DIGITAL DATA COMMUNICATIONS SERVICEL. NYNEX® ENTERPRISE SWITCHED WIDEBAND SERVICE1. General

NYNEX Enterprise Switched Wideband Service is a transmission service available to business customers. This service provides the customer with connection to a NYNEX Enterprise Switched Wideband Service port in a designated central office via a Switched Wideband Digital Transport Facility (DTF) for switching over the Company's network. The service provides bandwidth rates varying from 128 kbps to 1.536 megabits per second (mbps) in 64 kbps increments per channel. The customer will also be able to establish single 64 kbps circuit switched data calls.

NYNEX Enterprise Switched Wideband Service connects compatible customer premises equipment by the customer as provided by the customer to a port in a suitably equipped Company node. This service provides isochronous (constant delay) transmission for data applications including video conferencing, image transfer, and bulk data transfer. The customer may make a single call for the bandwidth needed, rather than multiple calls for the desired number of channels.

Both standard service features and optional features are available.

2. Explanation of TermsB Channel

A 64 kbps transmission facility that supports circuit switched data communications and inband or out-of-band signaling (via the D channels).

Customer Site

A single physical location where the customer's circuits terminate.

D Channel

A 64 kbps transmission facility used for out-of-band signaling and control of the B channels.

Switched Wideband Digital Transport Facility (DTF)

A 1.5 mbps facility between the customer premises network interface and a port in the Company's designated central office. The DTF supports channels configured as 23B + D or 24B. The Company shall determine, based on engineering requirements, whether the DTF will be copper or fiber.

DIGITAL DATA COMMUNICATIONS SERVICEL. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)2. Explanation of Terms (Cont'd)Node

A digital central office switch equipped to support NYNEX Enterprise Switched Wideband Service.

Port

A DS-1 digital switch termination that interfaces directly to a 1.5 mbps DTF and is capable of handling channels configured as 23B + D or 24B.

3. Feature DescriptionsStandard

64 kbps Clear Channel Capability - uses standard protocol B8ZS (bi-polar 8 zero substitution) for transport at 64 kbps channel increments.

Optional

Multiple Facility Signaling Control - allows the customer to use the D channel of one Switched Wideband Service DTF to provide signaling control for up to 19 associated Switched Wideband Service DTFs connected to the same customer premises equipment.

Back-Up D Channel - allows the customer to designate a D channel in a different DTF at the same customer site to be designated as the alternative D channel. A customer who selects this optional feature must also subscribe to Multiple Facility Signaling Control.

Private Network Dialing - allows completion of calls among NYNEX Enterprise Switched Wideband Service customer locations served by the same Switched Wideband Node. This option is available only under an individual case billing (ICB) arrangement and the customer will be charged a monthly rate for unlimited usage.

4. Regulations

1. NYNEX Enterprise Switched Wideband Service is provided subject to the availability of facilities.
2. The minimum service period for DTFs, ports, and optional features is three months. Additions to the initial service are also subject to a three month minimum service period.
3. Switched Wideband DTF's may be utilized only for connection of NYNEX Enterprise Switched Wideband customers' premises equipment to NYNEX Enterprise Switched Wideband ports.

DIGITAL DATA COMMUNICATIONS SERVICEL. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)4. Regulations (Cont'd)

4. Any termination of port(s)/DTF(s)/optional feature(s) prior to completion of the applicable minimum service period will result in termination liability charges, per port/DTF/optional feature, equal to 100% of the month to month rates for the remaining months in the minimum service period. This liability also applies to port(s)/DTF(s)/optional feature(s) under service periods of three (3), four (4), or five (5) years which terminate prior to completion of the minimum service period and to port(s)/DTF(s)/optional feature(s) provided under an ICB arrangement. Termination charges with respect to facilities provided under other Company tariffs shall be those charges stated in the applicable tariff.

Any termination prior to completion of the selected service period, but after the applicable minimum service period, will also result in a termination liability charge per port/DTF/optional feature. This charge will be the lower of the charges calculated under the two options below.

OPTION 1

The termination liability charge, per port/DTF/optional feature, is 50% of the applicable monthly rate for each month and fraction thereof in the balance of the selected service period.

OPTION 2

The termination liability charge, per port/DTF/optional feature, is the difference between (i) the applicable monthly rate for the shorter service period for which the port/DTF/optional feature was actually in service, if the terminated facility was in service at least 36 months or the month-to-month rate, and (ii) the monthly rate for the selected service period multiplied by the actual number of months the terminated port/DTF/optional feature has been in service.

For port(s)/DTF(s)/optional feature(s) provided under the terms of an ICB arrangement, the monthly rate to be used in calculating termination liability charges will be the average price per port/DTF/optional feature included in the ICB arrangement. The average price is the ICB monthly rate divided by the number of port(s)/DTF(s)/optional feature(s) included in the ICB. When determining termination liability charges under Option 2 above, the difference between the tariffed rates for the service period for which the port(s)/DTF(s)/optional feature(s) were actually in service and the average price per port/DTF/optional feature will be used.

Termination liability charges for port(s)/DTF(s)/optional feature provided under the terms of an ICB arrangement may be waived, provided that relevant incremental costs are recovered.

5. A customer may convert an existing service period plan to one of longer duration prior to the completion of the existing service period plan without penalty. The customer will be charged a record order charge for the change and will pay the prevailing rates in effect for the service period plan chosen.

DIGITAL DATA COMMUNICATIONS SERVICEL. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)4. Regulations (Cont'd)

6. A customer who is not presently under a NYNEX Enterprise Switched Wideband Service Period Plan may at any time subscribe to one for the service as provisioned or for a greater number of DTFs, ports and/or optional features. The customer will be charged a record order charge for the change and will pay the prevailing rates in effect for the selected service period plus any applicable non-recurring charges for new service elements.
7. Customer provided equipment used to connect NYNEX Enterprise Switched Wideband Service must comply with the following specifications. Information about these publications may be obtained by contacting the Manager, Information Management, NYNEX Telesector Resources Group, 120 Bloomingdale Road, White Plains, New York 10605.
  - Bellcore Technical Reference TR-NWT-0001203
  - AT&T Interface Specification 235-900-342
  - NTI User Network Interface Specification NIS211-1 Ver. 5
8. The customer shall subscribe to NYNEX Enterprise Switched Wideband Service numbers. NYNEX Enterprise Switched Wideband Service numbers will be provided only in blocks of 20 consecutive numbers. The NYNEX Enterprise Switched Wideband Service numbers can be provided per DTF or across multiple DTF's at the same site. These minimums apply whether or not a customer utilizes all the numbers in the group. Groups of consecutive numbers are defined as a group where the last digit of the first number is a zero (0) and the last digit of the last number is (9).
9. The Company shall not be responsible to the customer if changes in any of the facilities, operations, or procedures utilized in the provision of NYNEX Enterprise Switched Wideband Service cause any equipment provided by the customer to become obsolete or require any modification or alteration of such equipment or system or otherwise affect its use or performance.
10. Ports will be provided at the DS-1 level only.
11. For customers subscribing to a service period plan, non-recurring charges may be paid in a lump sum single payment as part of the first monthly bill or, at the customer's option, in twelve monthly payments. If the customer elects the twelve monthly payments, the customer is liable to pay all remaining monthly payments at the time of termination if service is terminated prior to the expiration of the twelve months.
12. One listing without charge applies for each NYNEX Enterprise Switched Wideband Service Port.

DIGITAL DATA COMMUNICATIONS SERVICEL. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)4. Regulations (Cont'd)

13. ISDN Primary Service customers under a service period plan who wish to convert to NYNEX Enterprise Switched Wideband Service must subscribe to NYNEX Enterprise Switched Wideband Service for a minimum period which equals the remainder of their service period plan under ISDN Primary Service or a minimum of three months, whichever is greater.
14. The monthly rate for customers choosing a service period plan is guaranteed against Company-initiated change and will apply for the length of the selected service period.
15. If the monthly rates applicable to the customer's selected service period plan are lowered during the term of that plan, the customer will be allowed to cancel their existing service plan, without penalty, provided that the customer subscribes to a new service period plan equal to or greater than the number of months remaining under the initial service period plan. The customer will be subject to all terms, conditions, and prices of the new service period plan.
16. The Company reserves the right upon seven days notice to the Commission to waive any or all of the recurring charges, nonrecurring charges, or both, associated with NYNEX Enterprise Switched Wideband Service in order to promote the sale of the service. Each waiver period offered by the Company will not extend beyond 90 days. If, at the expiration of the waiver period the customer elects to retain any or all of the service, then applicable recurring rates will be charged from the date the service was permanently established.
17. NYNEX Enterprise Switched Wideband Service subscribers who are served from a foreign node will be notified by the Company when software and hardware facilities become available at their local central office. If the customer switches service to the local central office, the Service Establishment charge and nonrecurring charges for DTFs and ports will not be applicable. Termination charges will not apply on that transfer provided that all other terms of the customer's commitment remain the same. A number change generally will be required on any transfer from a foreign node to a local central office. A customer who chooses to continue service from a foreign node will continue to pay monthly rates for interoffice facilities as defined in Section 12, Paragraph G of this Tariff.
18. Flexible Pricing
  - a. NYNEX Enterprise Switched Wideband Service rates may be decreased selectively and in varying amounts so long as the rates cover their relevant costs.
  - b. NYNEX Enterprise Switched Wideband Service rates may be increased selectively and in varying amounts not to exceed 25 percent per year.

DIGITAL DATA COMMUNICATIONS SERVICEL. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)4. Regulations (Cont'd)

## 18. Flexible Pricing (Cont'd)

- c. The Company reserves the right to change rates as described in a. and b. preceding at any time upon ten days notice to the Public Service Commission by providing a revised Rate Schedule and appropriate cost support.
- d. A rate will not be changed unless it has been in effect for at least 30 days.
- e. Appropriate customer notification of NYNEX Enterprise Switched Wideband Service rate changes will be made.

19.

20. Usage Charges

- a. Customers will pay usage rates, as specified in the Rate Schedule attached, for intraLATA intrastate calls within their Regional Call Plan Home Region and Region-to-Region, Message Business Rate Band A, and Message Rate Band B-D.
- b. Narrowband calls (64 kbps) will be charged at Switchway Service usage rates as specified in Section 21, Paragraph C. of this tariff.
- c. Monthly volume rates, as specified in the Rate Schedule attached, apply automatically to intraLATA intrastate Regional Call Plan Region-to-Region, and Message Rate Band B-D calls only. Monthly volume rates will not apply to Narrowband calls.
- d. Every call will be rounded up to the nearest minute. Normal rounding rules for cents apply.
- e. Revenue Commitment Plan discounts will be provided to customers as specified in the attached Rate Schedule, III. C., and are applicable per customer site. The customer shall sign a Letter of Commitment agreeing to one of the annual revenue commitment levels on the attached Rate Schedule.
  - i. At each anniversary date of the customer's Revenue Commitment Plan, a billing review will be performed to determine if the customer's Annual Usage Revenue Commitment has been met. If that minimum has not been achieved, the customer will pay the difference between the Annual Usage Revenue Commitment level as stated to in the Letter of Commitment and the actual billed charges in order to retain the discount or the month-to-month usage rate as specified in III.A. & B. on the attached Rate Schedule, whichever is less.

DIGITAL DATA COMMUNICATIONS SERVICEL. NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)4. Regulations (Cont'd)

## 20. Usage Charges (Cont'd)

## e. (Cont'd)

- ii. The customer may terminate the Letter of Commitment upon notice to the Company, which notice shall be effective at the end of the bill period following 60 days notice of termination. Upon termination, the Company shall recalculate the customer's discount to reflect the actual service period for which the customer received the service. The customer shall pay termination charges based upon the Company's recalculation of usage charges. (a) If the customer has received the service for at least 36 months prior to the effective date of termination, the recalculated discount shall be the difference between the discount stated in the Letter of Commitment and the applicable % discount monthly usage rate for the shorter service period for which the customer actually received service. This recalculated discount shall apply to the customer's usage charges retroactively throughout the entire service period the customer actually received service. (b) If the customer received the service for less than 36 months at the effective date of termination, the Company shall recalculate the customer's usage charges as if no discount applied during the time the customer received the service.
- iii. If for any reason the Company withdraws the Revenue Commitment Plans, all customers will drop out of the plan. Insofar as a customer may not have a full year's usage, the service period commitment and Annual Usage Revenue commitments will be adjusted proportionately based on the number of months usage until the withdrawal date, and the billing adjustment procedures described in ii. will be applied to the adjusted usage commitments.

21. The local loop component of NYNEX Enterprise Switched Wideband Service may be purchased under the terms and conditions of Integrated Access Service, as described in Section 12, Paragraph N. of this tariff. In such cases, Integrated Access Service local loop transport will be provided in lieu of a NYNEX Enterprise Switched Wideband Service Port to provide a complete service. The monthly rates and charges for a NYNEX Enterprise Switched Wideband Service DTF will apply.

When the customer selects the Integrated Access Service Transport package 1, 3 or 12 service delivery option, as described in Section 12, N.3. Of this tariff, the rates and charges for the Integrated Access Service Transport package 1,3, or 12 Local Distribution Channel will apply in lieu of the rates and charges for the NYNEX Enterprise Switched Wideband Service Digital Transport Facility.

5. Rates and Charges

See Rate Schedule for rates and charges currently in effect.



DIGITAL DATA COMMUNICATIONS SERVICEM. NYNEX® LINE TERMINATION SERVICE1. General

NYNEX Line Termination Service® is a terminating exchange service available from suitably equipped central offices. This service is available to Information Providers (IPs) for the transport of terminating traffic from the Telephone Company central office to the IP's point of presence and is specially engineered for high-call completion and high-call volume. This service must be purchased in groups of 24 lines. Delivery of the IP's traffic is through one of the following services: single line, Superpath 1.5 megabit/sec service, or Superpath Optical 45 megabit/sec service.

2. Features

- a. Basic Feature Package:
  - ° Call Forwarding-Busy Line
  - ° Line Hunting
- b. Optional Feature
  - ° Call Forwarding-Don't Answer

3. Feature Definitions

- a. Call Forwarding-Busy Line - allows an incoming call to the subscriber's line to be automatically forwarded to a preselected telephone number when the line is busy.
- b. Line Hunting - a completion feature that increases the likelihood of an incoming call being completed within a customer defined group of hunting lines.
- c. Call Forwarding-Don't Answer - allows an incoming call to the subscriber's line to be automatically forwarded to a preselected telephone number when the line is unanswered after a predetermined number of rings. The subscriber must designate the Variable Ring (two to seven rings).

4. Regulations

- a. NYNEX Line Termination Service is a terminating exchange service offered in conjunction with the public switched network.
- b. The call-originating party is responsible for all charges associated with reaching the IP. The IP subscribes to this service as a vehicle for aggregating IP traffic.
- c. Lines must be purchased in groups of 24, with 48 lines being the minimum.
- d. The subscriber to this service must select one of the following services for delivery of IP's traffic: single line, Superpath 1.5 megabit/sec service, or Superpath Optical 45 megabit/sec service.

® Registered Service Mark of Verizon Communications

Issued: August 1, 2001

Effective: September 1, 2001

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1095 Avenue of the Americas, New York, N.Y. 10036

DIGITAL DATA COMMUNICATIONS SERVICEM. NYNEX LINE TERMINATION SERVICE (Cont'd)4. Regulations (Cont'd)

- e. Superpath 1.5 megabit/sec service and Superpath Optical 45 megabit/sec. service delivery are available on a foreign exchange service basis. For foreign exchange service, the Superpath 1.5 megabit/sec service Rate Schedule, in Section 12, interoffice channel rate will apply for one interoffice channel between central offices for each group of 24 lines. For Superpath Optical 45 megabit/sec service delivery, the Superpath Optical 45 megabit/sec service Rate Schedule, in Section 12, interoffice channel rate will apply for one interoffice channel between central offices for each group of 672 lines or fraction thereof.
- f. Single line delivery is not available on a foreign exchange service basis.
- g. This service is offered under 1-year, 3-year, 5-year, and 7-year service period plans. A minimum 1-year service period is required.
- h. At the conclusion of the subscriber's service period, the subscriber has the option of selecting another service period plan or to continue under the 1-year service period plan.
- i. Non-recurring and recurring charges apply for establishment of this service. A service order charge as specified in Section 14, Paragraph A.3. of this tariff applies for initial and each additional installation of Line Termination Service lines, and the addition, or change of features ordered by the subscriber. Business Service Charge and Premise Visit Charge apply as specified in Section 14, Paragraph A.3. of this tariff for the initial installation, and installation of additional growth, of Line Termination Service lines.
- j. There is a limitation of 5 paths on Call Forwarding-Busy Line, and Call Forwarding-Don't Answer. If a subscriber requires in excess of 5 paths for Call-Forwarding-Busy Line or Call Forwarding-Don't Answer, additional paths may be ordered from the Remote Call Forwarding Tariff PSC NY No. 1, Section 2. The maximum number of total paths that may be ordered is 99 paths.
- k. Termination Liability Charge

If a customer terminates this service prior to the completion of the selected service period plan, the termination liability charge will be equal to the difference between the applicable monthly rate for NYNEX Line Termination Service minus the contracted rate the customer selected, multiplied by the number of months the customer had service.

l. Standard and Master Service Agreements:

Standard Service Agreement - Customer has the option of selecting any of the available Service Period Plans as set forth in this Tariff. There is no provision for growth lines - a request for additional lines is to be handled via a new contract for those lines.

DIGITAL DATA COMMUNICATIONS SERVICEM. NYNEX LINE TERMINATION SERVICE (Cont'd)4. Regulations (Cont'd)I. Standard and Master Service Agreements: (Cont'd)

Master Service Agreement – Customer has the option of selecting any of the available Service Period Plans as set forth in this Tariff. The Customer agrees to a total commitment of Line Termination Service Lines, including additional growth lines. The initial quantity of lines to be installed is rated at the appropriate tariff rates, and subsequent installation of additional growth lines is rated at a discounted rate, consistent with the provision below.

- Additional Growth Lines: Customers may additional Line Termination Service lines at the locations set forth in Appendix A of the Master Service Agreement. The quantity of growth lines shall be rated at the line-size tier that the customer attains with the installation of the additional lines.

The appropriate rate for all additions of additional growth lines ordered is calculated as the monthly rate for the maximum terms (1-3, or 5-year) of time that will be achieved by the additional growth lines before the scheduled termination of the original contract.

A Record Charge as specified in Section 14, Paragraph A.3. of this tariff applies, per line Termination Service line, for conversion from a Standard Service Agreement to a Master Service Agreement.

5. Rates and Charges

Rates and Charges for NYNEX Line Termination Service will be based on each single line and offered in groups of 24 lines.

## a. Service Period Plans

<u>Line Sizes</u>	<u>Single Line Delivery</u> <u>Monthly Rates</u> <sup>#</sup>				<u>Non-Recurring Charge</u>	<u>USOC</u>
	<u>1-Year</u>	<u>3-Year</u>	<u>5-Year</u>	<u>7-Year</u>		
24 - 672	\$39.75	\$35.95	\$34.87	\$34.09 )	\$120.00 Per Line	
673 - 1344	39.14	35.38	34.31	33.53 )		
1345 - 3360	38.53	34.81	33.74	32.97 )		
3361 - 5376	37.92	34.24	33.18	32.41 )		
5377 - 10080	37.31	33.67	32.62	31.85 )		
over 10080	36.70	33.09	32.06	31.29 )		

# In addition, Business End User Common Line Charge applies per line, as specified in FCC No. 11 Tariff.

DIGITAL DATA COMMUNICATIONS SERVICEM. NYNEX LINE TERMINATION SERVICE (Cont'd)5. Rates and Charges (Cont'd)a. Service Period Plans (Cont'd)

	<u>Superpath 1.5 megabit/sec service Delivery</u>					
	<u>Monthly Rates#</u>				<u>Non-Recurring</u>	
<u>Line Sizes</u>	<u>1-Year</u>	<u>3-Year</u>	<u>5-Year</u>	<u>7-Year</u>	<u>Charge</u>	<u>USOC</u>
24 - 672	\$35.22	\$31.55	\$30.54	\$29.83 )		
673 - 1344	34.68	31.05	30.05	29.34 )	\$32.00	
1345 - 3360	34.13	30.55	29.56	28.85 )	Per Line	
3361 - 5376	33.59	30.05	29.06	28.36 )		
5377 - 10080	33.05	29.55	28.57	27.87 )		
over 10080	32.51	29.05	28.08	27.38 )		

<u>Superpath Optical 45 megabit/sec service Delivery</u>					<u>Non-Recurring Charge</u>	<u>USOC</u>
<u>Line Sizes</u>	<u>Monthly Rates#</u>					
	<u>1-Year</u>	<u>3-Year</u>	<u>5-Year</u>	<u>7-Year</u>		
24 - 672	\$30.21	\$26.70	\$25.77	\$25.13 )	\$955.00 Per group of 672 lines or fraction thereof.	
673 - 1344	29.75	26.28	25.35	24.72 )		
1345 - 3360	29.28	25.85	24.94	24.31 )		
3361 - 5376	28.82	25.43	24.52	23.90 )		
5377 - 10080	28.35	25.00	24.10	23.48 )		
over 10080	27.89	24.58	23.69	23.07 )		

b. Optional Feature

Call Forwarding-Don't Answer

Monthly and non-recurring Rates and Charges as specified in Section 2, Rate Schedule and Section 14, Paragraph A. 3. of Tariff PSC NY No. 1--COMMUNICATIONS will apply.

# In addition, Business End User Common Line Charge applies per line, as specified in FCC No. 11 Tariff.

N.

O.

DIGITAL DATA COMMUNICATIONS SERVICEP. INTERNET PROTOCOL ROUTING SERVICE1. General

Internet Protocol Routing Service (IPRS) is a service available to Information Providers (IPs). The service provides for the collection, concentration and management of end user's intrastate data traffic within a LATA. IPRS consists of network equipment located at Verizon New York Inc. hub sites that will collect the customer's end user data traffic and concentrate it for connection and transport over a fast packet data network to a location designated by the customer.

IPRS provides two types of ports for the collection of end user traffic. The port type(s) is/are determined by the method(s) chosen by the customer for access to its end user(s).

The two port types are:

- 1) IPRS Combined Analog/ISDN Dial-up Port
- 2) IPRS Superpath 1.544 Mbps Port

The dial-up port type is intended for use with a single computer connection and not for connection to a Local Area Network (LAN). IPRS does not include the end user access service. End user services and facilities are available from this and other Verizon New York Inc. network tariffs. IPRS requires the use of RADIUS (Remote Authentication Dial In User Service), a network security protocol, for the customer's authentication and authorization of its dial-up end user(s).

2. Definitions of Service Components (Port Types)

1. IPRS Combined Analog/ISDN Dial-up Port: Provides one data path connection in a local calling area of the Company designated by the customer for analog/ISDN dial-up access to the customer by the customer's end users, and the internet protocol routing of the end user data to the customer.
2. IPRS Superpath 1.544 Mbps Port: Provides connection and internet protocol routing of end user data terminated over dedicated private line facilities at a speed of 1.544 Mbps.

DIGITAL DATA COMMUNICATIONS SERVICEP. INTERNET PROTOCOL ROUTING SERVICE (Cont'd)3. Regulations

- a. IPRS is offered under month-to-month, three (3) year, and five (5) year service period plans. A minimum 12-month service period is required under the month-to-month option. A Combined Analog/ISDN Dial-up port is only offered under month-to-month service period plans.
- b. IPRS is provided on a negotiated service date interval.
- c. IPRS is monitored and maintained 24 hours a day, 7 days a week, for trouble isolation and resolution.
- d. All rate categories are billed monthly.
- e. Nonrecurring charges apply for the installation of each port. Changes in port from one rate category to another incur the nonrecurring charge.

A conversion of service to a new commitment period of equal or greater length than the remainder of the existing term does not incur nonrecurring charges for the existing port.

- f. When the customer's commitment period ends, month-to-month rates apply, unless the customer agrees to a new commitment period.
- g. IPRS is provided in compliance with standards established by the Internet Architecture Board as stated in the following publications:

STD 0001, Internet Official Protocol Standards; J. Postel, Editor, issued June 1997

RFC 2138, Remote Authentication Dial-In User Service (RADIUS); C. Rigney, A. Reubens, W. Simpson, S. Wilens, issued April 1997

These publications may be obtained from the Internet Engineering Task Force (IETF) at:

Corporation for National Research Initiatives  
Attn: Accounting Department -- IETF Proceedings  
1895 Preston White Drive  
Suite 100  
Reston, VA 22091

- h. Customers with a 3-year or 5-year service period plan may add additional ports at any time during the commitment period at the rates applicable for the service period plan and the volume commitment initially selected. All ports will therefore be subject to a common expiration date for service commitment.
- i. The access method that the customer requires will determine which type of port must be purchased.

DIGITAL DATA COMMUNICATIONS SERVICEP. INTERNET PROTOCOL ROUTING SERVICE (Cont'd)4. Flexible Pricing

- a. IPRS rates may be reduced selectively and in varying amounts, as long as rates cover their relevant costs.
- b. IPRS rates may be increased selectively and in varying amounts not to exceed 25 percent per year.
- c. The Company reserves the right to change the rates as described in a. and b. above at any time upon 10 days' notice to the Public Service Commission by providing a revised Rate Schedule and appropriate cost support. The rates for this service are shown in the Rate Schedule attached to this tariff.
- d. Changes in IPRS rates will be effective on the date shown on the Rate Schedule attached to this tariff.
- e. A rate will not be changed unless it has been in effect for at least 30 days.
- f. Appropriate customer notification of rate changes will be made.

5. Termination Liability Charges

- a. Termination liability charges apply when a port is disconnected prior to the end of the minimum service period or prior to the end of the selected commitment period. Liability is assessed as follows:

Month-to-Month Service Plan: The customer is responsible for 100% of the monthly rates for the entire 12-month minimum service period.

3 and 5-Year Service Plans: The customer is responsible for 100% of the monthly rate for the first 12 months and 15% of the remaining monthly charges.

- b. Termination liability is waived if a port is converted to another term of equal or greater value in revenue than the remainder of the present term.
- c. Termination liability is waived when a customer replaces one port for another type and commits to a term of equal or greater value in revenue than the remainder of the current commitment. The replacement is subject to applicable nonrecurring charges.
- d. If the customer's recurring rate increases, the customer may discontinue service without liability.

6. Rates and Charges

The rates currently in effect are listed in an Attachment to this tariff. This Attachment follows all pages in this Section.

DIGITAL DATA COMMUNICATIONS SERVICEQ. ENHANCED ISDN PRIMARY RATE HUB SERVICE1. General

Enhanced ISDN Primary Rate Hub Service is a LATA-wide network service which provides end user single number dial-up access to the customer location. The service utilizes strategically located single number service hub offices to collect and route traffic to a point of interconnection from which the traffic is routed to the customer's location over separate dedicated facilities.

Enhanced ISDN Primary Rate Hub Service is offered only from suitably equipped central offices, subject to availability of facilities and only within a Local Access and Transport Area (LATA).

2. Regulations

- a. Enhanced ISDN Primary Rate Hub Service is offered only from suitably equipped central offices, subject to availability of facilities and only within a Local Access and Transport Area (LATA).
- b. The customer must specify, at the time of ordering, either a 500-699-XXXX telephone number assigned by the Company or an NPA-555-XXXX number assigned by the North American Numbering Plan administrator.
- c. The customer must purchase sufficient facilities to handle their call volume so as to permit use of ISDN Primary Rate Hub Service without injurious effect upon it or other services provided by the Company. Customers must purchase at least one ISDN Primary Service interface from each of the dedicated cluster hubs within a LATA, to receive LATA-wide service coverage.
- d. The Company may refuse to furnish service to any subscriber if use of the service would interfere with or impair other services provided by the Company. In addition, existing service may be terminated for such cause if, after written notification, the customer fails to take the action necessary to correct the situation.
- e. The Minimum Service Period for Enhanced ISDN Primary Rate Service is one year. Enhanced ISDN Primary Rate Hub Service is not subject to temporary suspension of service.
- f. The customer must subscribe to a minimum of one Primary Rate Interface (PRI) trunk group at each of the hub end offices within the served LATA to receive LATA-wide coverage.
- g. Dedicated Local Distribution Channels from the point of interconnection to the customer location are provided at the appropriate rates and charges.



DIGITAL DATA COMMUNICATIONS SERVICEQ. ENHANCED ISDN PRIMARY RATE HUB SERVICE (Cont'd)2. Regulations (Cont'd)

- h. Calls to single number access of Enhanced ISDN Primary Rate Hub Service are local calls subject to rates specified in the Company's Local Exchange Tariff.
- i. Single number access routing will only work with Company NPA-NXX codes. Connections with other telephone companies require special network and billing arrangements.
- j. Enhanced ISDN Primary Rate Service will be provided from Central Offices equipped to provide this service and where fiber optic facilities exist.
- k. Transfer of Service will not be provided.
- l. Termination liability will not be assessed on ISDN PRI service for those ports and channels in service as of the effective date of this initial tariff which are upgraded from ISDN PRI service to Enhanced ISDN Primary Rate Hub Service under a three-year contract.
- m. Cancellation of the service in whole or in part by the customer prior to the establishment thereof, will require payment to the Company of an amount equal to the cost of engineering, manufacturers' billings resulting from equipment orders, installation, assembly, labor, cost of removal and any other costs incurred by the Company up to the time of cancellation but not to exceed the total non-recurring charges.

3. Flexible Pricing

- a. Enhanced ISDN Primary Rate Service rates and charges may be reduced selectively and in varying amounts, as long as the rates and charges cover their relevant incremental costs.
- b. Enhanced ISDN Primary Rate Service rates and charges may be increased selectively and in varying amounts not to exceed 25 percent per year.
- c. The Company reserves the right to change the rates and charges, as described in a. and b. preceding, at any time upon 10 days' notice to the Public Service Commission by providing a revised Rate Schedule. The rates and charges for this service are shown in the Rate Schedule and are on file with the Public Service Commission.
- d. Changes in Enhanced ISDN Primary Rate Service rates and charges will be effective coincident with the subscriber's bill date following the effective date of the change.
- e. Rates and charges will not be changed unless they have been in effect for at least 30 days.
- f. Appropriate customer notification of rate and/or charge changes will be made.

DIGITAL DATA COMMUNICATIONS SERVICE

Q. ENHANCED ISDN PRIMARY RATE HUB SERVICE (Cont'd)

4. Rates and Charges

- a. Enhanced ISDN Primary Rate Service is available under month-to-month rates (with a twelve month minimum) or under a three-year (36-month) contract, at the rates and charges specified in the Attachment to this tariff.
- b. If a customer terminates service or cancels a contract before the expiration of a commitment period, the customer is subject to a termination liability charges as follows:

Under the month-to-month rate, if a customer terminates service prior to the minimum service period, the termination liability is equal to the month-to-month rate multiplied by the number of months remaining in the minimum service period.

Under the contract rate, if a customer terminates service prior to the minimum service period (12 months), the termination liability is equal to the month-to-month rate multiplied by twelve minus the three-year contract rate times the number of months in service. If a customer terminates service after the minimum service period, the termination liability is equal to the month-to-month rate minus the 36-month rate multiplied by the number of months in service.

- c. Moves and relocations will be treated as a termination of the existing service and the establishment of a new service for the application of all charges.

RATE SCHEDULEINFOPATH® PACKET SWITCHING SERVICE

(Effective September 1, 2001)

SYNCHRONOUSHigh Throughput Service Port Charge

	<u>Monthly Rate</u>	<u>USOC</u>
First logical Channel, each (includes first network address)		
9.6 kbps x.25, each	\$337.42	LDD96
56.0 kbps x.25, each	493.15	LDD56
9.6 kbps x.75, each	337.42	LDD97
56.0 kbps x.75, each	493.15	LDD57

Usage ChargeMonthly Accumulated Rate

(1) Call set-up packet, each	\$0.125	
(2) a. Each kilopacket or part thereof (8 AM to 8 PM Monday thru Friday): Monthly Total: **		
01 – 1,000	.70	
1,001 – 5,000	.60	
Over 5,000	.50	
b. Each kilopacket or part thereof (all other times***)	.45	
(3) Transaction Service, each transaction	.01	TAN

Optional x .25 Feature Charges

	<u>Monthly Rate</u>	<u>USOC</u>
(1) Closed User Group, Per Port	\$5.00	LDJ
(2) Permanent Virtual Circuit, Each Circuit	\$10.00	LDV
(3) Multiple Network Addresses		
2 to 10 Addresses, per group	\$10.00	LDQ
Next 11 to 100 Addresses, per group	\$50.00	LDQAX
(4) Throughput Class Negotiation	\$10.00	LD1
(5) Window Size Negotiation	\$10.00	LHW
(6) Network User Identifier (NUI)		
Blocks of 10	2.50	LOGPG

\*\* The rate paid for all kilopackets transmitted during the 8AM to 8PM time period, Monday thru Friday is determined by the total number of kilopackets transmitted in one (1) monthly period, during that 12 hour window, Monday thru Friday.

\*\*\* All other times: 8PM to 8AM Monday thru Friday, all days (s) Saturday, Sunday and Holidays: New Years, Independence Day, Labor Day, Thanksgiving, and Christmas.

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This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULEINFOPATH® PACKET SWITCHING SERVICE(Cont'd)

(Effective September 1, 2001)

SYNCHRONOUS (Cont'd)Medium Throughput Service Port ChargeFirst logical Channel, each  
(includes first network address)Monthly Rate    USOC

1.2 Kbps	)		LDZ12
2.4 Kbps	)	\$26.00	LDZ24
4.8 Kbps	)		LDZ48
9.6 Kbps	)		LDZ96

Additional Logical Channel, each		5.00	LD92V
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Usage ChargeMonthly Accumulated Rate  
Same as High throughput  
usage chargesOptional Feature ChargesMonthly Rate  
Same as High throughput  
usage chargesSynchronous Dial AccessPrivate Dial Access PortMonthly Rate    USOC

a. For Transmission Speeds up to 2.4 kbps	\$50.00	PE90P
b. For Transmission Speeds up to 4.8 kbps to 9.6 kbps	50.00	PE90Q
c. Additional Logical Channels, each (Maximum 32 additional channels per port) each logical channel	5.00	LD92V
d. Optional X .25 Features	Same as High Throughput optional feature charges	

RATE SCHEDULEINFOPATH PACKET SWITCHING SERVICE (Cont'd)  
(Effective September 1, 2001)SYNCHRONOUS (Cont'd)Public Dial Access ServiceUsage Charge

For transmission speed up to 9.6 kbps

Per Minute

\$0.1

Usage ChargeMonthly Accumulated Rate

Same as High throughput

Usage charges

USOCASYNCHRONOUSAsynchronous Dial AccessPrivate Dial Access Port

For Transmission Speeds ) (

Up to 2.4 kbps ) (

For 4.8 kbps to 9.6 kbps ) (

Same as synchronous

Private Dial Access

PE90P

Port charge

PD90Q

Usage ChargeMonthly Accumulated Rate

Same as High throughput

Usage charges

Public Dial Access Service:Usage Charge for transmissions ) (

Speeds up, to 9.6 kbps ) (

Same as synchronous

Public Dial Access Charge

Asynchronous Medium Throughout Service-Subscriber Port Charge

<u>Speed</u>	<u>Monthly</u>	<u>Service Periods</u>				<u>USOC</u>
		12	24	36	60	
		<u>Months</u>	<u>Months</u>	<u>Months</u>	<u>Months</u>	
Up to 2.4 Kbps	\$17.00	\$16.00	\$15.00	\$13.50	\$12.00	LPP24
Over 2.4 Kbps/up to 4.8 kbps	\$22.00	\$20.00	\$19.00	\$18.00	\$17.00	LPP48
Over 4.8 Kbps/up to 9.6 kbps	\$26.00	\$25.00	\$24.00	\$23.50	\$22.00	LPP96

Optional Feature Charges

(1) Closed User Group. Per Port )

(2) Permanent Virtual Circuit, each circuit )

Monthly Rate

(Same as High throughput)

(Optional feature charges)

Usage ChargeMonthly Accumulated Rate

Same as High throughput

Usage charges

RATE SCHEDULEINFOPATH PACKET SWITCHING SERVICE (Cont'd)  
(Effective September 1, 2001)Asynchronous Medium Throughout Service Port Charge – Foreign Provided

<u>Speed</u>	<u>Service Periods</u>					<u>USOC</u>
	<u>Monthly</u>	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60 Months</u>	
Up to 2.4 Kbps	\$17.00	\$16.00	\$15.00	\$13.50	\$12.00	LPFXC
Over 2.4 Kbps/up to 4.8 kbps	\$22.00	\$20.00	\$19.00	\$18.00	\$17.00	LPFXD
Over 4.8 Kbps/up to 9.6 kbps	\$26.00	\$25.00	\$24.00	\$23.00	\$22.00	LPFXE

Optional Feature ChargesMonthly Rate

- |   |   |                            |
|---|---|----------------------------|
| (1) Closed User Group. Per Port             | ) | (Same as High throughput)  |
| (2) Permanent Virtual Circuit, each circuit | ) | (Optional feature charges) |

Usage ChargeMonthly Accumulated Rate

Same as High throughput

Usage charges

RATE SCHEDULESWITCHWAY® SERVICE  
(Effective September 1, 2001)

	<u>Non Recurring Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
System Establishment Charge	\$ 418.19		
System Establishment Charge – Additional	247.52		
Measured Data Line # - 2 Wire		\$27.56	DHKCX
Measured Data Line # - 4 Wire		27.56	D42CX/D42CT
Service Arrangement – Low Speed		41.00	SDH2A
Service Arrangement – High Speed		41.00	SDH1A

Network Call Usage (Per Call)

Local Exchange Usage rates are  
charged for as specified in PSC NY  
Nos. 2 and 3--COMMUNICATIONS.  
In addition, the following Surcharges apply:

Surcharges

Usage – Per Minute Charge For all calls, a per minute surcharge, or any fraction thereof.	.01
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Beyond the Initial Period

# In addition the rates for the End User Common Line Charge apply as provided in Tariff F.C.C. 1.

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RATE SCHEDULE**NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE**

(Effective September 1, 2001)

		Month to	Service Period Plan ##			Non-Recurring	
		<u>Month</u>	<u>3 Years</u>	<u>5 Years</u>	<u>7 Years</u>	<u>Charge</u>	<u>USOC</u>
Network Access Ports#							
a)	1.544 Mbps Termination	\$114.20	\$102.78	\$91.37	\$79.94	311.46	D1J
b)	56 Kbps Termination	4.76	4.28	3.81	3.33	25.96	D2GVX
c)	45 Mbps Termination	1584.00	1584.00	1584.00	1584.00	None£	
d)	Enterprise DSO Termination	4.76	4.29	3.58	3.33	None	
e)	Enterprise Fractional DS1 Termination	114.20	102.78	85.66	79.94	None	
f)	Enterprise DS1 Termination	114.20	102.78	85.66	79.94	None	
g)	Enterprise Standby DS1 Termination	68.52	61.67	51.39	47.96	None	
h)	Enterprise DS3 Termination	275.00	247.50	206.25	192.50	None	
i)	Enterprise Standby DS3 Termination	165.00	148.50	123.75	115.50	None	

\* In addition, rates, charges and regulations for facilities and services as specified in Sections 1, 7, 12 14 and 21 of this Tariff, may apply.

# A three-month minimum service period applies.

£ A Nonrecurring Liability Charge may apply. See Section 21, Paragraph F. 4. Q.

## Rates shown reflect applicable discount percentage. See Section 21, Paragraph F. 4.e. for clarification.

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULE**NYNEX ENTERPRISE NETWORK RECONFIGURATION SERVICE** (Cont'd)  
(Effective September 1, 2001)

	<u>Monthly Rate*</u>	<u>Non Recurring Charge</u>	<u>USOC</u>
Network Controller Access**			
a) Private Line Termination@	\$ 49.74	\$42.44	D2GDA
b) Dial-up Termination @	4.97	42.44	D2GDU
c) Attendant Access @	50.33	93.50	D2GAA
Enterprise SPOC Access			
a) Scheduled Reconfiguration	100.00	None	
b) Requested Reconfiguration	125.00	None	
c) Emergency Reconfiguration in Conjunction with Standby Circuits	150.00	None	
d) Emergency Reconfiguration	300.00	None	
Automatic Reconfiguration System Establishment Charge ££, @ Per NENRS System	None	459.00	
		<u>Nonrecurring Liability Charge</u>	

## 45 MBPS Network Access Port Termination

Enterprise DS3 Network Access Port Termination  
Or Enterprise Standby DS3 Network Access Port  
Termination Per Month remaining in the Non-  
Recurring Charge Recovery period of 12 months.  
Automatic Reconfiguration System

\$68.00

\* In addition, rates, charges and regulations for facilities and services as specified in Sections 1, 7, 12, 14 and 21 of this Tariff, may apply.

\*\* Network Controller Access charges are per access termination.

@ Not available in conjunction with NYNEX Enterprise Service.

££ Appropriate rates and charges for the services and ports associated with the spare capacity apply. The Automatic Reconfiguration System Establishment Charge applies once, regardless of the number of NENRS Network Access Ports under the control of the customer.

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULEDOVPATH® TRANSPORT SERVICE \*\* (Cont'd)

(Effective September 1, 2001)

NEW YORK METROPOLITAN LATA

<u>DOVPATH Transport Service</u>	<u>Month-to-Month</u> <u>Per Arrangement</u>	<u>Monthly Rate*£</u>	<u>Non-Recurring Charge</u>
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	1 - 250 )		
	)		
	)		
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	251 - 1000 )		
	)		
	)	\$43.60	\$178.57
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	1001 - 2500 )		
	)		
	)		
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	Over 2500 )		
	)		
	)		
<u>Optional Digital Bridging</u>	<u>Per Port</u>		
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	1 - 160 )		
	)		
	)		
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	161 - 480 )		
	)		
	)	\$21.80	\$178.57#
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	481 - 800 )		
	)		
	)		
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	Over 800 )		
	)		
	)		

\* Rates and charges for Superpath 1.5 and/or Optical 45 megabit/sec services(s) and Central Office Multiplexing as specified in Section 12, Paragraphs G.7. and I.7., apply. Standard rates and charges apply for the exchange access line or the central office loop.

£ The minimum service period is six months.

\*\* Service Connection Charges as specified in Section 14 apply.

# Does not apply if ordered at same time as DOVPATH Service Arrangement.

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This Attachment to be filed following all pages that are part of this Section.



RATE SCHEDULEDOVPATH TRANSPORT SERVICE \*\* (Cont'd)  
(Effective September 1, 2001)NON-NEW YORK METROPOLITAN LATA

<u>DOVPATH Transport Service</u>	<u>Month-to-Month</u> <u>Per Arrangement</u>	<u>Monthly Rate*£</u>	<u>Non-Recurring Charge</u>
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	1 - 250 )		
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	251 - 1000 )	\$43.60	\$178.57
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	1001 - 2500 )		
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	Over 2500 )		
<u>Optional Digital Bridging</u>	<u>Per Port</u>		
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	1 - 160 )		
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	161 - 480 )	\$21.80	\$178.57#
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	481 - 800 )		
2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps	Over 800 )		

\* Rates and charges for Superpath 1.5 and/or Optical 45 megabit/sec services(s) and Central Office Multiplexing as specified in Section 12, Paragraphs G.7. and I.7., apply. Standard rates and charges apply for the exchange access line or the central office loop.

£ The minimum service period is six months.

\*\* Service Connection Charges as specified in Section 14 apply.

# Does not apply if ordered at same time as DOVPATH Service Arrangement.

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULEDOVPATH TRANSPORT SERVICE \*\* (Cont'd)  
(Effective September 1, 2001)NEW YORK METROPOLITAN LATA

<u>DOVPATH Transport Service</u>	<u>Per Arrangement</u>		<u>Quantity</u> <u>Monthly Rate*</u>		<u>Non- Recurring</u> <u>Charge</u>
			<u>3 - Year</u>	<u>5 - Year</u>	
2.4 Kbps	1 - 250	)			
4.8 Kbps		)	\$40.55	\$36.19	
9.6 Kbps		)			
2.4 Kbps	251 - 1000	)			
4.8 Kbps		)	37.94	33.58	\$178.57
9.6 Kbps		)			
2.4 Kbps	1001 - 2500	)			
4.8 Kbps		)	35.32	31.83	
9.6 Kbps		)			
2.4 Kbps	Over 2500	)	32.70	30.24	
4.8 Kbps		)			
9.6 Kbps		)			
<u>Optional Digital Bridging</u>	<u>Per Port</u>				
2.4 Kbps	1 - 160	)			
4.8 Kbps		)	20.28	18.10	
9.6 Kbps		)			
2.4 Kbps	161 - 480	)			
4.8 Kbps		)	18.75	16.57	
9.6 Kbps		)			\$178.57#
2.4 Kbps	481 - 800	)			
4.8 Kbps		)	17.22	15.04	
9.6 Kbps		)			
2.4 Kbps	Over 800	)			
4.8 Kbps		)	15.48	13.52	
9.6 Kbps		)			

Quantity Discount Plans as described in Paragraph G. 4 of this section apply.

\*\* Service Connection Charges as specified in Section 14 apply.

\* Rates and charges for Superpath 1.5 and/or Optical 45 megabit/sec services(s) and Central Office multiplexing as specified in Section 12, Paragraphs G.7. and I.7., apply. Standard rates and charges apply for the exchange access line or the central office loop.

# Does not apply if ordered at same time as DOVPATH Service Arrangement.

This Attachment to be filed following all pages that are part of this Section.



RATE SCHEDULEDOVPATH TRANSPORT SERVICE \*\* (Cont'd)  
(Effective September 1, 2001)NON-NEW YORK METROPOLITAN LATA

<u>DOVPATH Transport Service</u>	<u>Per Arrangement</u>		<u>Quantity</u> <u>Monthly Rate*</u>		<u>Non- Recurring</u> <u>Charge</u>
			<u>3 - Year</u>	<u>5 - Year</u>	
2.4 Kbps	1 - 250	)			
4.8 Kbps		)	\$40.55	\$36.19	
9.6 Kbps		)			
2.4 Kbps	251 - 1000	)			
4.8 Kbps		)	37.94	33.58	\$178.57
9.6 Kbps		)			
2.4 Kbps	1001 - 2500	)			
4.8 Kbps		)	35.32	31.83	
9.6 Kbps		)			
2.4 Kbps	Over 2500	)	32.70	30.24	
4.8 Kbps		)			
9.6 Kbps		)			
<u>Optional Digital Bridging</u>	<u>Per Port</u>				
2.4 Kbps	1 - 160	)			
4.8 Kbps		)	20.28	18.10	
9.6 Kbps		)			
2.4 Kbps	161 - 480	)			
4.8 Kbps		)	18.75	16.57	
9.6 Kbps		)			\$178.57#
2.4 Kbps	481 - 800	)			
4.8 Kbps		)	17.22	15.04	
9.6 Kbps		)			
2.4 Kbps	Over 800	)			
4.8 Kbps		)	15.48	13.52	
9.6 Kbps		)			

Quantity Discount Plans as described in Paragraph G. 4 of this section apply.

\*\* Service Connection Charges as specified in Section 14 apply.

\* Rates and charges for Superpath 1.5 and/or Optical 45 megabit/sec services(s) and Central Office Multiplexing as specified in Section 12, Paragraphs G.7. and I.7., apply. Standard rates and charges apply for the exchange access line or the central office loop.

# Does not apply if ordered at same time as DOVPATH Service Arrangement.

This Attachment to be filed following all pages that are part of this Section.



RATE SCHEDULEDIGIPATH® DIGITAL SERVICE II

(Effective September 1, 2001)

NON-NEW YORK METROPOLITAN LATA ONLY

		Monthly Rates					
		<u>Month to Month</u>	<u>3 Year</u>	<u>5 Year</u>	<u>7 Year</u>	<u>10 Year</u>	<u>Nonrecurring Charge #</u>
a.	<u>Establishment of Channel</u> <u>Channel Termination,</u> <u>Per Station</u>						
	<u>For Transmission</u> <u>Speed of:</u>						
	2, 4, 4.8, 9.6, 19.2 or 56 kbps	\$74.89	\$67.40	\$59.50	\$58.41	\$55.42	\$300.00
	Change of Speed On existing Channel Termination	-	-	-	-	-	150.00
a.1	DDS II NYNEX Enterprise Service Connections Channel Termination Per Station	74.89	67.40	59.50	58.41	55.42	300.00
b.	<u>Interoffice Channel,</u> <u>Each</u>						
1.	<u>Fixed</u> <u>For Transmission</u> <u>Speed of</u>						
	2, 4, 4.8, 9.6, 19.2 or 56 kbps	30.53	27.48	24.43	23.81	22.59	-
2.	<u>Per Airline Mile</u> <u>For Transmission</u> <u>Speed of</u>						
	2, 4, 4.8, 9.6, 19.2 or 56 kbps	4.91	4.42	3.92	3.83	3.63	-

# For details covering the waiver of nonrecurring charges for existing DDS subscribers who convert service to DDSII, see Section 14, Paragraph A. 10.

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This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULE**DIGIPATH DIGITAL SERVICE II** (Cont'd)  
(Effective September 1, 2001)NON-NEW YORK METROPOLITAN LATA ONLY

<u>Monthly Rates</u>					
<u>Month to</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>10</u>	<u>Nonrecurring</u>
<u>Month</u>	<u>Year</u>	<u>Year</u>	<u>Year</u>	<u>Year</u>	<u>Charge #</u>
c. <u>Additional Service</u>					
<u>Features</u>					
1. Multi-station Arrangement Per Station	11.91				
2. Multiplex Option	Rates and charges for Superpath 1.5 and Optical 45 megabit/sec services as specified in Section 12, Paragraphs G. and I., apply				
3. Secondary Channel Capability Per Station					\$300.00*

- \* Charge only applies for the addition of Secondary Channel Capability to an existing primary channel termination.  
# For details covering the waiver of nonrecurring charges for existing DDS subscribers who convert service to DDSII, see Section 14, Paragraph A. 10.

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULEDIGIPATH DIGITAL SERVICE II (Cont'd)  
(Effective September 1, 2001)NEW YORK METROPOLITAN LATA ONLY

		<u>Monthly Rates</u>					<u>Nonrecurring Charge #</u>	<u>USOC</u>
		<u>Month to Month</u>	<u>3 Year</u>	<u>5 Year</u>	<u>7 Year</u>	<u>10 Year</u>		
a.	<u>Establishment of Channel</u> <u>Channel Termination,</u> <u>Per Station</u>							
	<u>For Transmission</u> <u>Speed of:</u> 2, 4, 4.8, 9.6, 19.2 or 56 kbps	\$90.75	\$81.68	\$72.60	\$70.79	\$67.16	\$300.00	1DCPC
	Change of Speed On existing Channel Termination	-	-	-	-	-	150.00	
a.1	DDS II NYNEX Enterprise Service							
	Connections Channel Termination Per Station	90.75	81.68	72.60	70.90	67.16	150.00	
b.	<u>Interoffice Channel,</u> <u>Each</u>							
1.	<u>Fixed</u> <u>For Transmission</u> <u>Speed of</u> 2, 4, 4.8, 9.6, 19.2 or 56 kbps	38.72	34.85	30.97	30.20	28.65	-	OCH
2.	<u>Per Airline Mile</u> <u>For Transmission</u> <u>Speed of</u> 2, 4, 4.8, 9.6, 19.2 or 56 kbps	6.24	5.62	5.00	4.87	4.63	-	1LNPX

# For details covering the waiver of nonrecurring charges for existing DDS subscribers who convert service to DDSII, see Section 14, Paragraph A. 10.

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULEDIGIPATH DIGITAL SERVICE II (Cont'd)  
(Effective September 1, 2001)NEW YORK METROPOLITAN LATA

		<u>Monthly Rates</u>				<u>Nonrecurring Charge #</u>	<u>USOC</u>
<u>Month to Month</u>		<u>3 Year</u>	<u>5 Year</u>	<u>7 Year</u>	<u>10 Year</u>		
c. <u>Additional Service Features</u>							
1. Multi-station Arrangement Per Station	\$17.85						6BM
2. Multiplex Option	Rates and charges for Superpath 1.5 and Optical 45 megabit/sec services as specified in Section 12, Paragraph G. and I., apply						
3. Secondary Channel Capability Per Station						\$300.00*	SFS

- \* Charge only applies for the addition of Secondary Channel Capability to an existing primary channel termination
- # For details covering the waiver of nonrecurring charges for existing DDS subscribers who convert service to DDSII, see Tariff P.S.C. No. 900 – Telephone, Section 14, paragraph A. 10.

RATE SCHEDULEISDN PRIMARY SERVICE  
(Effective September 1, 2001)Rates and Charges  
ISDN Primary ServiceUSOC  
N1PRecurring RatesA. Ports

	<u>M/M</u>	<u>3-Year</u>	<u>5-Year</u>	<u>7-Year</u>	<u>10-Year</u>	
23B + D	\$595.00	\$565.25	\$535.00	\$497.00	\$463.00	ZPAZD
23B + D Add'l.	595.00	565.25	535.00	497.00	463.00	ZP2ZD
24B*	545.00	517.25	490.50	458.00	425.00	ZPA1X
23B + D Interoffice Termination**	595.00	565.25	535.00	497.00	463.00	UTZZD
24B + D Interoffice Termination**	545.00	517.25	490.50	458.00	425.00	UTZ1X

\* Under Control of D Channel in another port.

\*\* Interoffice Facility mileage rates apply as specified in Superpath 1.5 Mb/s Service, Section 12, Para. G., of this Tariff.

ISDN Primary Service DID numbers – Rates apply as specified in Section 4, Paragraph E. of this Tariff .B. Digital Transport Facility (DTF)#

	<u>M/M</u>	<u>3-Year</u>	<u>5-Year</u>	<u>7-Year</u>	<u>10-Year</u>	
First DTF						
1 <sup>st</sup> ½ mile or fraction thereof, each						
a. 23B + D	\$332.25	\$315.65	\$299.00	\$278.00	\$258.00	XUDBZ
b. 24B*	332.25	315.65	299.00	278.00	258.00	XUDMZ
Additional DTF: # #						
1 <sup>st</sup> ½ mile or fraction thereof, each						
a. 23B + D	300.00	285.00	270.00	250.00	235.00	XUDCZ
b. 24B	300.00	285.00	270.00	250.00	235.00	XUDNZ
Additional:						
1 <sup>st</sup> ½ mile or fraction thereof, each						
23B + D and 24B	62.25	59.15	56.00	52.00	48.00	XUDBA

# End User Common Line Charges apply as specified in the Tariff FCC No. 11.

## Must be ordered at the same time and to the same premises as the first DTF.

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULEISDN PRIMARY SERVICE (Cont'd)  
(Effective September 1, 2001)C. Optional Feature

	<u>M/M</u>	<u>3-Year</u>	<u>5-Year</u>	<u>7-Year</u>	<u>10-Year</u>	<u>USOC</u>
a. Backup D Channel, each (requires a Multiple Facility Signaling Control)	\$50.00	\$47.50	\$45.00	\$42.50	\$40.00	ZFB
b. Calling Line ID, per port	150.00	142.50	135.00	127.50	120.00	ZCNP
c. Channel Config., per trunk group established (not available in DMS – 100 switch)	10.00	9.50	9.00	8.50	8.00	CH9P
d. Intercom Capability, per trunk	20.00	19.00	18.00	17.00	16.00	ZCT
e. Intercom Capability Package (11 or more Trunks), per port	200.00	190.00	180.00	N/A	N/A	
f. Multi. Fac. Sign. Cntrl., per controlling D channel	-	-	-	-	-	FCH
g. Network Ring Again, per controlling D channel (not available in 5ESS switch)	25.00	23.75	22.50	21.25	20.00	ZRA
h. Calling Line ID With Name, per port	175.00	165.00	155.00	N/A	N/A	
i. Two "B" Channel Transfer, per port	75.00	65.00	60.00	N/A	N/A	
j. Redirecting Number, per port	40.00	35.00	30.00	N/A	N/A	
k. Modified Redirecting Number, per port	40.00	35.00	30.00	N/A	N/A	
l. Optional Feature Package, per port	200.00	190.00	180.00	N/A	N/A	

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULEISDN PRIMARY SERVICE (Cont'd)  
(Effective September 1, 2001)Rates and Charges (Cont'd)D. Nonrecurring Charges #

Nonrecurring Charges apply for the preparation and entry of translations that activate initially or subsequent change or rearrange features. The following charges apply in addition to other applicable nonrecurring charges and one or more may apply at the same time.

Service Connection Charges apply for Month-to-Month (M/M) ISDN Primary Service as specified in Section 14 of this tariff.

	<u>Nonrecurring Charges</u>	<u>USOC</u>
1. Service Establishment Charge£		
a. Initial	\$250.00	SEP1A
OR		
b. Change from FLEXPATH ISDN Primary Rate Service	225.00	SEP1B
2. Changes to ISDN Primary Service	200.00	REA1L
3. Changes to Channel Configuration or Flexible Service Selection, per Trunk group or call type	200.00	REA1M

# Appropriate nonrecurring charges apply for initial and each additional installation of ports, DTFs, and other features ordered by a subscriber for installation on the same premises at the same time. Nonrecurring charges apply to customers selecting a Month-to-Month (M/M) option only. Customers selecting an ISDN Primary Service contract are not required to pay nonrecurring PRI port and DTF charges unless service is terminated prior to the minimum service period (twelve months). Nonrecurring charges for Intercom Capability, Calling Line ID with Name, Two "B" Channel Transfer, Redirecting Number, Modified Redirecting Number and Optional Feature Package do not apply to customers selecting an ISDN Primary Service Contract.

£ The Service Establishment Charge applies when a subscriber initially establishes service at a location, when the subscriber establishes service at an additional location and when the subscriber establishes services from an additional central office at a location where ISDN Primary Service is already provided.

RATE SCHEDULEISDN PRIMARY SERVICE (Cont'd)  
(Effective September 1, 2001)Rates and Charges (Cont'd)D. Nonrecurring Charges # (Cont'd)

	<u>Initial Installation#</u>	<u>Each Additional#</u>
4. Digital Transport Facility, (first ½ mile or fraction thereof)#		
a. For 23 B + D Ports	\$750.00	\$400.00
b. For 24 B Ports	750.00	400.00
5. Ports, 23 B + D, per port	375.00	175.00
6. Ports, 24 B (under control of D Channel in another port)	375.00	175.00
7. Interoffice Termination Port (23 B + 1 D) per port	375.00	175.00
8. Interoffice Termination Port (24 B ) per port	375.00	175.00

# Appropriate nonrecurring charges apply for initial and each additional installation of ports, DTFs, and other features ordered by a subscriber for installation on the same premises at the same time.



RATE SCHEDULEISDN PRIMARY SERVICE (Cont'd)  
(Effective September 1, 2001)Rates and Charges (Cont'd)D. Nonrecurring Charges (Cont'd)

	<u>Initial Installation #</u>	<u>Each Additional #</u>
9. Interoffice Facility Mileage	Rates apply as specified in Superpath 1.5 Mbps Service, Section 12, Paragraph G. of this Tariff	
10. ISDN Primary Service DID numbers	Rates apply as specified in Section 4, Paragraph E. of this Tariff	
11. Optional Features		
a. Backup D Channel, each (requires a Multiple Facility Signaling Control)	\$100.00	\$100.00
b. Calling Line Identification, per port	125.00	125.00
c. Channel Configuration, per trunk group established	200.00	200.00
d. Intercom Capability, per trunk	15.00	15.00
e. Intercom Capability Package, per port	200.00	200.00
f. Multiple Facility Signaling Control, per controlling D Channel	150.00	125.00

- # Appropriate nonrecurring charges apply for initial and each additional installation of ports, DTFs, and other features ordered by a subscriber for installation on the same premises at the same time. Nonrecurring charges apply to customers selecting a Month-to-Month (M/M) option only. Customers selecting an ISDN Primary Service contract are not required to pay nonrecurring PRI port and DTF charges unless service is terminated prior to the minimum service period (twelve months). Nonrecurring charges for Intercom Capability, Calling Line ID with Name, Two "B" Channel Transfer, Redirecting Number, Modified Redirecting Number and Optional Feature Package do not apply to customers selecting an ISDN Primary Service Contract.

RATE SCHEDULEISDN PRIMARY SERVICE (Cont'd)  
(Effective September 1, 2001)Rates and Charges (Cont'd)D. Nonrecurring Charges (Cont'd)

	<u>Initial Installation #</u>	<u>Each Additional #</u>
11. Optional Features (Cont'd)		
g. Network Ring Again, per controlling D Channel	\$325.00	\$325.00
h. Calling Line ID with Name, per port	100.00	100.00
i. Two "B" Channel Transfer, per port	100.00	100.00
j. Redirecting Number, per port	75.00	75.00
k. Modified redirecting Number, per port	75.00	75.00
l. Optional Feature Package, per port	100.00	100.00

# Appropriate nonrecurring charges apply for initial and each additional installation of ports, DTFs, and other features ordered by a subscriber for installation on the same premises at the same time. Nonrecurring charges apply to customers selecting a Month-to-Month (M/M) option only. Customers selecting an ISDN Primary Service contract are not required to pay nonrecurring PRI port and DTF charges unless service is terminated prior to the minimum service period (twelve months). Nonrecurring charges for Intercom Capability, Calling Line ID with Name, Two "B" Channel Transfer, Redirecting Number, Modified Redirecting Number and Optional Feature Package do not apply to customers selecting an ISDN Primary Service Contract.

RATE SCHEDULEISDN PRIMARY DISASTER RECOVERY SERVICE

(Effective September 1, 2001)

A customer may subscribe to ISDN Primary Disaster Recovery Service in the following combinations:  
Option 1; Options 1 and 2; Options 1 and 3; or Options 1, 2, and 3.

LOOP TO ALTERNATE WIRE CENTER (OPTION 1)\*#USOC

Local	Rates and charges apply as specified in Sec. 12, Para L., ASWC 1.5 Mbps Service, Month-to-Month; in addition to Sec. 21, ISDN Primary Service Ports and Sec. 4, DID station numbers.
Distribution	
Channel, Each	

1ATAX

and either a) or b):

LOOP TO ALTERNATE WIRE CENTER (OPTION 1)\*# ( Cont'd)USOC

a) Digital	Rates and Charges apply as specified in Sec. 21, J., ISDN Primary Service.
Transport	
Facility, Each	
Or	

XUDBX

b) Digital	Rates and Charges apply as specified in Sec. 21, K., Enterprise Service.
Distribution	
Channel, Each	

FD3TX

INTEROFFICE WIRE CENTER (OPTION 2)\*

Interoffice Termination	Rates and Charges apply as specified in Sec. 21, J., ISDN Primary Service, and Rate Schedule
Port (two per loop),	
Each	

UTZZD

or  
UTZIX

1. Interoffice Loop, Each

a) Fixed	Rates and Charges apply as specified in Sec. 12, Para. G.8. and Rate Schedule.

XUW1X

b) Per Mile or	
Fraction thereof	
Or	

3LN1S

2 Interoffice	Rates and Charges apply as specified in Section 21, K. Enterprise Service.
Digital	
Channel, Each	

1 YENS

\* Appropriate service connection charges specified in Section 14 of this Tariff apply.

# End User Common Line Charges apply, as specified in FCC No. 11 tariff.

This Attachment to be filed following all pages that are part of this Section.



RATE SCHEDULEISDN PRIMARY DISASTER RECOVERY SERVICE (Cont'd)  
(Effective September 1, 2001)ALTERNATE WIRE CENTER (OPTION 3)\*

Service Establishment Charge, Per Wire Center	Charges apply as specified in Sec. 4.E., Para. 36.1,4 and <u>RATE SCHEDULE</u> .	SEPRA
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Group of 24 Ports (Tandem/AWC)	Rates and Charges apply as specified in Sec. 4.E., Para. 36.1, 4 and <u>RATE SCHEDULE</u> .	AW3PG
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ADDITIONS OR CHANGES

For subsequent activation or rearrangement of additional numbers that are associated with the normal wire center and are duplicated in the alternate wire center, the following nonrecurring charge applies:

	<u>Nonrecurring Charge</u>	
Subsequent Numbers	As specified in	REAGH
Activation Charge	Sec. 4, Para. E.36.1	

\* Appropriate service connection charges specified in Section 14 of this tariff apply.

# End User Common Line Charges apply, as specified in FCC No. 11 tariff.

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULE**NYNEX® ENTERPRISE SERVICE**

(Effective September 1, 2001)

	<u>Service Period (Months)</u>					
	<u>Monthly</u>	<u>13 24</u>	<u>25-36</u>	<u>37-48</u>	<u>49-60</u>	<u>61-84</u>
<u>NYNEX Enterprise DSO Standard</u>						
<u>Analog DDC</u>						
Analog 2-Wire Data						
DDC, each	\$64.13	\$60.92	\$57.72	\$54.51	\$48.10	\$44.89
Dual Homing – DDC, each	73.81	70.12	66.43	62.74	55.36	51.67
Analog 4-Wire Data						
DDC, each	65.34	62.07	58.81	55.54	49.01	45.74
Dual Homing – DDC, each	75.02	71.27	67.52	63.77	56.27	52.51
Analog 2-Wire Voice						
DDC, each	59.29	56.33	53.36	50.40	44.47	41.50
Dual Homing – DDC, each	67.76	64.37	60.98	57.60	50.82	47.43
Analog 2-Wire Automatic Ringdown Voice						
DDC, each	59.29	56.33	53.36	50.40	44.47	41.50
Dual Homing – DDC, each	67.76	64.37	60.98	57.60	50.82	47.43
Analog 2-Wire Manual Ringdown Voice						
DDC, each	59.29	56.33	53.36	50.40	44.47	41.50
Dual Homing – DDC, each	67.76	64.37	60.98	57.60	50.82	47.43
Analog 2/4 Wire E&M Voice						
DDC, each	59.29	56.33	53.36	50.40	44.47	41.50
Dual Homing – DDC, each	67.76	64.37	60.98	57.60	50.82	47.43
<u>Digital Distribution Channel</u>						
Digital 4-Wire Data						
DDC, each	87.12	82.76	78.41	74.05	65.34	60.98
Dual Homing – DDC, each	100.43	95.41	90.39	85.37	75.32	70.30

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This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULE**NYNEX ENTERPRISE SERVICE** (Cont'd)  
(Effective September 1, 2001)

	<u>Service Period (Months)</u>					
	<u>Monthly</u>	<u>13 -24</u>	<u>25-36</u>	<u>37-48</u>	<u>49-60</u>	<u>61-84</u>
<u>NYNEX Enterprise DSO Prime</u>						
<u>Analog DDC</u>						
Analog 2-Wire Data						
DDC, each	\$25.00	\$23.75	\$22.50	\$21.25	\$18.75	\$17.50
Dual Homing – DDC, each	33.47	31.80	30.12	28.45	25.10	23.43
Analog 2-Wire Voice						
DDC, each	25.00	23.75	22.50	21.25	18.75	17.50
Dual Homing – DDC, each	33.47	31.80	30.12	28.45	25.10	23.43
Analog 2-Wire Automatic Ringdown Voice						
DDC, each	25.00	23.75	22.50	21.25	18.75	17.50
Dual Homing – DDC, each	33.47	31.80	30.12	28.45	25.10	23.43
Analog 2 – Wire Manual Ringdown Voice						
DDC, each	25.00	23.75	22.50	21.25	18.75	17.50
Dual Homing – DDC, each	33.47	31.80	30.12	28.45	25.10	23.43
Analog 2 – Wire E&M Voice						
DDC, each	25.00	23.75	22.50	21.25	18.75	17.50
Dual Homing – DDC, each	33.47	31.80	30.12	28.45	25.10	23.43
Digital 4 – Wire Data						
DDC, each	25.00	23.75	22.50	21.25	18.75	17.50
Dual Homing – DDC, each	33.47	31.80	30.12	28.45	25.10	23.43
<u>Digital Distribution Channel</u>						
Digital 4 – Wire Data						
DDC, each	25.00	23.75	22.50	21.25	18.75	17.50
Dual Homing – DDC, each	33.47	31.80	30.12	28.45	25.10	23.43

RATE SCHEDULE**NYNEX ENTERPRISE SERVICE** (Cont'd)  
(Effective September 1, 2001)

	<u>Service Period (Months)</u>					
	<u>Monthly</u>	<u>13 -24</u>	<u>25-36</u>	<u>37-48</u>	<u>49-60</u>	<u>61-84</u>
<u>DSO IDC Mileage</u>						
Fixed – IDC, each	\$15.73	\$14.94	\$14.16	\$13.37	\$11.80	\$11.01
Per Mile or Fraction Thereof	3.63	3.45	3.27	3.09	2.72	2.54
<u>Fractional DS1 Standard</u>						
<u>DDC, each</u>						
128 Kbps	110.00	104.50	99.00	93.50	82.50	77.00
256 Kbps	126.50	120.18	113.85	107.53	94.88	88.55
384 Kbps	143.00	135.85	128.70	121.55	107.25	100.10
512 Kbps	159.50	151.53	143.55	135.58	119.63	111.65
768 kbps	192.50	182.88	173.25	163.63	144.38	134.75
<u>Dual Homing</u>						
<u>Fractional DS1 Standard</u>						
<u>DDC, each</u>						
128 Kbps	126.50	120.18	113.85	107.53	94.88	88.55
256 Kbps	142.50	137.94	130.68	123.42	108.90	101.64
384 Kbps	165.00	156.75	148.50	140.25	123.75	115.50
512 Kbps	183.70	174.52	165.33	156.15	137.78	128.59
768 kbps	221.00	210.05	198.99	187.94	165.83	154.77



RATE SCHEDULE**NYNEX ENTERPRISE SERVICE** (Cont'd)  
(Effective September 1, 2001)

	<u>Service Period (Months)</u>					
	<u>Monthly</u>	<u>13 -24</u>	<u>25-36</u>	<u>37-48</u>	<u>49-60</u>	<u>61-84</u>
<u>Fractional DS1 Prime</u>						
<u>DDC, each</u>						
128 Kbps	\$84.10	\$79.92	\$75.68	\$71.50	\$63.09	\$58.85
256 Kbps	96.69	91.85	87.01	82.17	72.55	67.71
384 Kbps	109.34	103.90	98.40	92.95	82.01	76.56
512 Kbps	121.94	115.83	109.73	103.62	91.47	85.36
768 kbps	147.18	139.81	132.44	125.13	110.39	103.02
<u>Dual Homing</u>						
<u>Fractional DS1 Prime</u>						
<u>DDC, each</u>						
128 Kbps	100.60	95.59	90.53	85.53	75.46	70.40
256 Kbps	115.39	109.62	103.84	98.07	86.57	80.80
384 Kbps	131.34	124.80	118.20	111.65	98.51	91.96
512 Kbps	146.14	138.82	131.51	124.19	109.62	102.30
768 kbps	175.78	166.98	158.18	149.44	131.84	123.04

RATE SCHEDULENYNEX ENTERPRISE SERVICE (Cont'd)  
(Effective September 1, 2001)NEW YORK METROPOLITAN LATA

	Service Period (Months)					
	<u>Monthly</u>	<u>13 –24</u>	<u>25-36</u>	<u>37-48</u>	<u>49-60</u>	<u>61-84</u>
<u>NYNEX Enterprise DS1</u>						
- DDC, each	\$245.00	\$232.75	\$220.50	\$208.25	\$183.75	\$171.50
Dual Homing – DDC, each	282.00	267.90	253.80	239.70	211.50	197.50
DS1 1DC Mileage						
Fixed – IDC, each	99.00	94.05	89.10	84.15	74.25	69.30
Per Mile or Fraction Thereof	27.00	25.65	24.30	22.95	20.25	18.90
<u>NYNEX Enterprise DS3</u>						
- DDC, each	1575.00	1496.25	1417.50	1338.75	1181.25	1102.50
Dual Homing – DDC, each	1811.25	1720.69	1630.13	1518.56	1358.44	1267.88
DS1 1DC Mileage						
Fixed – IDC, each	708.75	673.10	637.88	602.44	531.56	531.56
Per Mile or Fraction Thereof	294.00	279.30	264.60	249.90	220.50	205.80
<u>NYNEX Enterprise Access to Flexpath DDC</u>						
- DDC, each	450.00	405.00	383.00	383.00	315.00	292.00
Dual Homing – DDC, each	518.00	466.00	440.00	388.00	362.00	336.00
IDC	Existing monthly rates for NYNEX Enterprise DS1 1DC.					
<u>NYNEX Enterprise Access to ISDN Primary DDC</u>						
- DDC, each #						
For 23 B + D Ports	375.00	337.50	318.75	300.00	271.25	262.50
For 24 Ports	375.00	337.50	318.75	300.00	271.25	262.50
Dual Homing – DDC, each						
For 23 B + D Ports	431.25	393.75	375.00	356.25	337.50	301.88
For 24 Ports	431.25	393.75	375.00	356.25	337.50	301.88
IDC	Existing monthly rates for NYNEX Enterprise DS1 1DC.					

RATE SCHEDULE**NYNEX ENTERPRISE SERVICE** (Cont'd)  
(Effective September 1, 2001)

		<u>Service Period (Months)</u>					
		<u>Monthly</u>	<u>13 -24</u>	<u>25-36</u>	<u>37-48</u>	<u>49-60</u>	<u>61-84</u>
<u>NYNEX Enterprise Fractional DS1 (Cont'd)</u>							
<u>Fractional DS 1DC Mileage</u>							
128 Kbps							
Fixed – IDC, each		\$28.60	\$27.17	\$25.74	\$24.31	\$21.45	\$20.02
Per Mile or Fraction Thereof		6.60	6.27	5.94	5.61	4.95	4.62
<u>Fractional DS 1DC Mileage</u>							
256 Kbps							
Fixed – IDC, each		44.00	41.80	39.60	37.40	33.00	30.80
Per Mile or Fraction Thereof		11.00	10.45	9.90	9.35	8.25	7.70
384 Kbps							
Fixed – IDC, each		58.30	55.39	52.47	49.56	43.73	40.81
Per Mile or Fraction Thereof		14.30	13.59	12.87	12.16	10.73	10.01
512 Kbps							
Fixed – IDC, each		71.50	67.93	64.35	60.78	53.63	50.05
Per Mile or Fraction Thereof		16.50	15.68	14.85	14.03	12.38	11.55
768 Kbps							
Fixed – IDC, each		85.50	81.51	77.22	72.93	64.35	60.06
Per Mile or Fraction Thereof		22.00	20.90	19.80	18.70	16.50	15.40

RATE SCHEDULE**NYNEX ENTERPRISE SERVICE** (Cont'd)  
(Effective September 1, 2001)NON-NEW YORK METROPOLITAN LATA

	Service Period (Months)					
	<u>Monthly</u>	<u>13 –24</u>	<u>25-36</u>	<u>37-48</u>	<u>49-60</u>	<u>61-84</u>
<u>NYNEX Enterprise DS1</u>						
- DDC, each	\$269.50	\$256.00	\$242.55	\$229.05	\$202.15	\$188.65
Dual Homing – DDC, each	301.20	294.70	279.20	263.65	232.65	217.15
DS1 1DC Mileage						
Fixed – IDC, each	99.00	94.05	89.10	84.15	74.25	69.30
Per Mile or Fraction Thereof	27.00	25.65	24.30	22.95	20.25	18.90
 <u>NYNEX Enterprise DS3</u>						
- DDC, each	1702.00	1616.90	1531.79	1446.69	1276.49	1191.38
Dual Homing – DDC, each	1957.31	1859.45	1761.59	1663.73	1468.01	1370.09
DS1 1DC Mileage						
Fixed – IDC, each	708.75	673.10	637.88	602.44	531.56	531.56
Per Mile or Fraction Thereof	294.00	279.30	264.60	249.90	220.50	205.80
 <u>NYNEX Enterprise Access to Flexpath DDC</u>						
- DDC, each	495.00	445.50	420.75	371.25	346.50	321.75
Dual Homing – DDC, each	569.80	512.80	484.35	427.35	398.85	370.35
IDC	Existing monthly rates for NYNEX Enterprise DS1 1DC.					
 <u>NYNEX Enterprise Access to ISDN Primary DDC</u>						
- DDC, each #						
For 23 B + D Ports	412.50	371.25	350.65	330.00	309.40	288.75
For 24 Ports	412.50	371.25	350.65	330.00	309.40	288.75
Dual Homing – DDC, each						
For 23 B + D Ports	474.40	426.95	403.25	379.50	355.80	321.10
For 24 Ports	474.40	426.95	403.25	379.50	355.80	321.10
IDC	Existing monthly rates for NYNEX Enterprise DS1 1DC.					

RATE SCHEDULE**NYNEX ENTERPRISE SERVICE** (Cont'd)  
(Effective September 1, 2001)NEW YORK METROPOLITAN LATA

		<u>Service Period (Months)</u>					
		<u>Monthly</u>	<u>13 -24</u>	<u>25-36</u>	<u>37-48</u>	<u>49-60</u>	<u>61-84</u>
<u>NYNEX Enterprise Optional Features</u>							
<u>Network Emergency Planning Options</u>							
<u>Standby Circuits (DS1)</u>							
DDC, each	\$147.00	\$139.65	\$132.30	\$124.95	\$110.25	\$102.90	
IDC							
Fixed, each	79.20	75.24	71.28	67.32	59.40	55.44	
Per Mile or Fraction							
Thereof	21.60	20.52	19.44	18.36	16.20	15.12	
<u>Standby Circuits (DS3)</u>							
DDC, each	945.00	897.75	861.00	833.70	817.95	806.40	
IDC							
Fixed, each	637.88	605.99	574.09	551.25	527.10	527.10	
Per Mile or Fraction							
Thereof	264.60	251.37	238.14	224.91	198.45	198.45	

RATE SCHEDULE**NYNEX ENTERPRISE SERVICE** (Cont'd)  
(Effective September 1, 2001)NON -NEW YORK METROPOLITAN LATA

		<u>Service Period (Months)</u>					
		<u>Monthly</u>	<u>13 -24</u>	<u>25-36</u>	<u>37-48</u>	<u>49-60</u>	<u>61-84</u>
<u>NYNEX Enterprise Optional Features</u>							
<u>Network Emergency Planning Options</u>							
<u>Standby Circuits (DS1)</u>							
-	DDC, each	\$161.70	\$153.60	\$145.55	\$137.45	\$121.30	\$113.20
	IDC						
	Fixed, each	79.20	75.24	71.28	67.32	59.40	55.44
	Per Mile or Fraction Thereof	21.60	20.52	19.44	18.36	16.20	15.12
<u>Standby Circuits (DS3)</u>							
	DDC, each	1021.18	970.15	919.07	868.04	829.71	822.05
	IDC						
	Fixed, each	637.88	605.99	574.09	551.25	527.10	527.10
	Per Mile or Fraction Thereof	264.60	251.37	238.14	224.91	198.45	198.45

RATE SCHEDULE**NYNEX ENTERPRISE SERVICE** (Cont'd)  
(Effective September 1, 2001)NEW YORK METROPOLITAN LATANON-NEW YORK METROPOLITAN LATA

	<u>Service Period (Months)</u>					
	<u>Monthly</u>	<u>13 -24</u>	<u>25-36</u>	<u>37-48</u>	<u>49-60</u>	<u>61-84</u>
<u>NYNEX Enterprise Optional Features</u>						
<u>Multi-Point Bridging (DSO)</u>						
DSO DDC, each	\$16.94	\$16.09	\$15.25	\$14.40	\$12.71	\$11.86

Network Emergency Planning OptionsScheduled Reconfiguration

(DS0, Fractional DS1, DS1, DS3)

Rates and Charges specified in the NYNEX Network  
Reconfiguration Service Rate Schedule apply.Requested Reconfiguration

(DS0, Fractional DS1, DS1, DS3)

Rates and Charges specified in the NYNEX Network  
Reconfiguration Service Rate Schedule apply.Emergency ReconfigurationIn Conjunction with StandbyCircuits (DS1, DS3)Rates and Charges specified in the NYNEX Network  
Reconfiguration Service Rate Schedule apply.Emergency Reconfiguration(DS0, Fractional DS1,  
DS1, DS3)Rates and Charges specified in the NYNEX Network  
Reconfiguration Service Rate Schedule apply.

RATE SCHEDULE**NYNEX ENTERPRISE SERVICE** (Cont'd)  
(Effective September 1, 2001)NEW YORK METROPOLITAN LATANON-NEW ORK METROPOLITAN LATANYNEX Enterprise Optional Features (Cont'd)Non-Recurring  
ChargesBandwidth on Request (Fractional DS1)  
Per Digital Distribution Channel

256 Kbps	
4 Hours	\$ 22.00
8 Hours	31.00
12 Hours	40.00
24 Hours	49.00
384 Kbps	
4 Hours	23.00
8 Hours	32.00
12 Hours	41.00
24 Hours	50.00
512 Kbps	
4 Hours	27.00
8 Hours	36.00
12 Hours	45.00
24 Hours	54.00
768 Kbps	
4 Hours	30.00
8 Hours	40.00
12 Hours	50.00
24 Hours	60.00

<u>ThruPath Connection</u>	182.00
(DSO, Fractional DS1 and DS1)	



RATE SCHEDULE**NYNEX® ENTERPRISE SWITCHED WIDEBAND SERVICE**

(Effective September 1, 2001)

I. Month-to-Month Rates

	<u>Monthly Rate</u>	<u>USOC</u>
1. Digital Transport Facility		
a. Initial, first ½ mile or fractions thereof#		
- For 23 B + D Ports	\$250.00	XUDQZ
- For 24 B Ports	250.00	XUDRZ
b. Each additional to the same premises, first ½ mile or fraction thereof#		
- For 23 B + D Ports	250.00	XUDQG
- For 24 B Ports	250.00	XUDRG
c. Each additional ½ mile or fraction thereof	60.00	XUDHA
2. Interoffice Facility Mileage	Rates apply as specified in Superpath 1.5 mbps Service, Section 12, Paragraph G. of this Tariff	
3. NYNEX Enterprise Switched Wideband Service Numbers	Rates apply as specified for DID Nos. in Section 4, Paragraph E. of this Tariff	
4. Ports, 23 B + D, each	395.00	ZPPZD
5. Ports, 24B (under control of D channel in another port), each		395.00 ZPP1X
6. <u>Optional Features</u>		
a. Multiple Facility Signaling Control per controlling D Channel	20.00	ZFM
b. Back-Up D Channel, each (requires a –Multiple Facility Signaling Control	50.00	ZBP
c. Private Network Dialing	Available on Individual Case Billing Arrangement basis only.	

# End User Common Line Charges will apply as specified in Tariff F.C.C. No.11

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This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULENYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE (Cont'd)

(Effective September 1, 2001)

I. Month-to-Month Rates

B. <u>Service Period</u>	<u>36 Mos.</u>	<u>48 Mos.</u>	<u>60 Mos.</u>	<u>USOC</u>
1. Digital Transport Facility				
a. Initial, first ½ mile or fractions thereof#				
- For 23 B + D Ports	\$200.00	\$175.00	\$150.00	XUDQZ
- For 24 B Ports	200.00	175.00	150.00	XUDRZ
b. Each additional to the same premises, first ½ mile or fraction thereof#				
- For 23 B + D Ports	200.00	175.00	150.00	XUDQG
- For 24 Ports	200.00	175.00	150.00	XUDRG
c. Each additional ½ mile or fraction thereof	50.00	45.00	40.00	XUDHA
2. Interoffice Facility Mileage	Rates apply as specified in Superpath 1.5 mbps Service, Section 12, Paragraph G. of this Tariff			
3. NYNEX Enterprise Switched Wideband Service Numbers	Rates apply as specified for DID Nos. in Section 4, Paragraph E. of this Tariff			
4. Ports, 23 B + D, each	350.00	335.00	325.00	ZPPZD
5. Ports, 24B (under control of D channel in another port), each	350.00	335.00	325.00	ZPP1X
6. <u>Optional Features</u>				
a. Multiple Facility Signaling Control, per controlling D Channel	17.50	16.00	15.00	ZFM
b. Back-Up D Channel, each (requires a –Multiple Facility Signaling Control)	40.00	37.50	35.00	ZBP
c. Private Network Dialing	Available on Individual Case Billing Arrangement basis only.			

# End User Common Line Charges will apply as specified in Tariff F.C.C. No. 11

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULE**NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE** (Cont'd)

(Effective September 1, 2001)

III. USAGE CHARGES (For calls at 128 kbps or greater only)

(Note: For calls at 64 kbps, rates apply as specified in Switchway Service in Section 21, Paragraph C. of this Tariff.)

	<u>Rate</u>
A. Home Region/Band A. intraLATA intrastate calls	\$0.04
Per minute per DSO	

B. Region-to-Region/Band B-D/all other  
IntraLATA intrastate calls per minute  
Per DSO as follows:

<u>Total Minutes Per Month</u>	<u>Rate Per Minute Per DSO</u>
1. 0 – 5,000	\$0.08
2. Over 5,000 but less than 10,001	\$0.077
3. Over 10,000 but less than 15,001	\$0.074
4. Over 15,000 but less than 20,001	\$0.071
5. Over 20,000	\$0.068

C. Revenue Commitment Plan (% Discounts applied based on the annual amount committed to by the customer. Discount applies to total usage charges as priced according to A. and B. above).

## 1. \$12,000 Annual Usage Revenue Commitment Per Customer Site:

<u>Service Period</u>	<u>% Discount Monthly</u>	<u>USOC</u>
36 Months	5%	ZDPA5
48 Months	6%	ZDPB6
60 Months	7%	ZDPC7

## 2. \$16,000 Annual Usage Revenue Commitment Per Customer Site:

<u>Service Period</u>	<u>% Discount Monthly</u>	<u>USOC</u>
36 Months	7%	ZDPD7
48 Months	8%	ZDPE8
60 Months	9%	ZDPF9

## 3. \$20,000 Annual Usage Revenue Commitment Per Customer Site:

<u>Service Period</u>	<u>% Discount Monthly</u>	<u>USOC</u>
36 Months	9%	ZDPG9
48 Months	10%	ZDPHA
60 Months	11%	ZDPIB

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULE**NYNEX ENTERPRISE SWITCHED WIDEBAND SERVICE** (Cont'd)  
(Effective September 1, 2001)IV. NON-RECURRING CHARGES\*

	<u>Non-Recurring Charges</u>	<u>USOC</u>
1. <u>Service Establishment</u>		
a. Initial OR	\$250.00	SEPS1
b. Change from ISDN Primary Service to NYNEX Enterprise Switched Wideband Service	225.00	SEPS2
	<u>Initial Installation</u>	<u>Each Installation</u>
2. Digital Transport Facility (First ½ mile or fractions thereof)	\$750.00	\$400.00
		XUDHZ
3. Interoffice Facility Mileage	Rates apply as specified in Superpath 1.5 mbps Service, Section 12, Paragraph G. of this Tariff.	
4. NYNEX Enterprise Switched Wideband Service Numbers	Rates apply as specified for DID Nos. in Section 4, Paragraph E. of this Tariff .	
5. Ports, 23 B + D, each	375.00	175.00
		ZPPZD
6. Ports, 24B (under control of D channel in in another port), each	375.00	175.00
		ZPP2X
7. <u>Optional Features</u>		
a. Multiple Facility Signaling Control, per controlling D Channel	150.00	125.00
		ZFM
b. Back-Up D Channel, each (requires a Multiple Facility Signaling Control	100.00	100.00
		ZBP
c. Private Network Dialing	Available on Individual Case Billing Arrangement basis only.	

RATE SCHEDULE**NYNEX INTERNET PROTOCOL ROUTING SERVICE (IPRS)**

(Effective September 1, 2001)

<u>Service Category</u>	<u>Monthly Rate (Per Port)</u>	<u>Non Recurring Charge</u>	<u>USOC</u>
a. Combined Analog/ISDN Dial-Up Port Month-to-Month*	\$ 59.00	\$ 35.00	PRLA6
b. Superpath 1.544 Mbps Port			
Month-to-Month*	175.00	200.00	PRL1X
3 – Year Service Period Plan	165.00	200.00	PRLPX
5 – Year Service Period Plan	150.00	200.00	PRLVX

\* A twelve-month minimum applies to the Month-to-Month rate.

# Nonrecurring charges apply for the installation of each port and for changes in port from one rate category to another. A Business Service Charge as specified in Section 14 of this Tariff also applies.

This Attachment to be filed following all pages that are part of this Section.

RATE SCHEDULEENHANCED ISDN PRIMARY RATE HUB SERVICE

(Effective September 1, 2001)

	<u>Non Recurring Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Rates and Charges			
Month-to-Month	\$700.00	\$525.00	
Three-year contract	700.00	495.00	

Appropriate Service Connection charges specified in Section 14 of this Tariff apply.

## ACCESS SERVICE

17. Packet Switching Access Service

## MAPPING OF BASIC SERVICE ELEMENTS

The following is a list of the Verizon Telephone Companies Open Network Architecture (ONA) Packet Switched Service optional features which were presented as Basic Service Elements (BSEs) in the NYNEX ONA Plan. This list provides a mapping from the industry standard feature name to the feature name utilized in this tariff.

<u>Industry Standard</u>	<u>Verizon Telephone Companies</u>
Call Detail Recording Reports	Call Detail
Call Redirection	Call Redirection
Closer User Groups	Closed User Groups
Incoming Calls Barred	Incoming Calls Barred
Outgoing Calls Barred	Outgoing Calls Barred
Default Window Size	Default Window Size
Direct Call	Auto-Connect NUI
Fast Select Acceptance	Fast Select Accept
Fast Select Request	Fast Select Request
Hunt Groups	Hunting

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)

## MAPPING OF BASIC SERVICE ELEMENTS (Cont'd)

<u>Industry Standard:</u>	<u>Verizon Telephone Companies</u>
Logical Channel Layout	1 Way Logical Channel Incoming
Logical Channel Layout	1 Way Logical Channel Outgoing
Logical Channels	Additional Logical Channels
N/A	Default Packet Size
N/A	Network user Identifier (NUI) Code
Permanent Virtual Circuit	Permanent Virtual Circuit
Preselection for Data Services	RPOA Preselection
Reverse Charge Acceptance	Reverse Charge Acceptance
Reverse Charge Request Option	Reverse Charge Request

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042



## ACCESS SERVICE

17. Packet Switching Access Service17.1 General

Packet Switching Access Service provides for the transport of relatively short bursts of data over a packet network. The data are separated into discrete segments called packets for high speed transmission through a packet network. The Telephone Company offers the following types of Packet Switching Access Services:

INFOPATH packet switching service

17.1.1 Description(A) Packet Network Components

A packet network consists of three major components which are Access Concentrators, Packet Switches and Network Facilities. Access Concentrators aggregate traffic from multiple customers onto the packet network. Packet Switches perform routing and interfacing functions for the packet network. The Network Facilities interconnect the Access Concentrators and Packet Switches enabling packets to be transmitted throughout the packet network.

(B) Network Access

- (1) The INFOPATH packet switching service network is accessed through a port on either an access concentrator or a packet switch. Customers with low to medium throughput transmission requirements access the network through a port on an access concentrator at data rates of up to 9.6 kilobits per second (kbps) in Verizon New England Inc. and up to 2.4 kbps in Verizon New York Inc. Customers with high throughput transmission requirements access the network through a port on a packet switch at data rates of 9.6 or 56 kbps.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.1 General (Cont'd)17.1.1 Description (Cont'd)(C) Network Address

Each port includes one network address which is a ten-digit Data Terminal Number (DTN) that identifies the logical channels of that port.

For INFOPATH packet switching service, additional network addresses may be ordered under the Multiple Network Address Optional Feature as specified in 17.2.1 following. In this case, the first network address established per port will be designated as the primary network address. Additional network addresses at the same customer designated premises will hunt with the primary network address. Hunting enables the customer to achieve maximum call connection efficiency.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.1 General (Cont'd)17.1.1 Description (Cont'd)(D) Protocol(1) INFOPATH Packet Switching Service

The INFOPATH packet switching service network is compatible with asynchronous, X .25 and X.75 protocol transmission. All packets are interleaved (statistically multiplexed) on the network facilities as they are transmitted. The Telephone Company will provide a Default Packet Size of 128 octets for both directions of transmission. To ensure compatibility with Data Terminal Equipment (DTE), the customer can specify a Packet Size of 128 or 256 octets for one or both directions of transmissions.

Routing and control information (packet header) is automatically inserted at the beginning of each packet, and error detection information (packet trailer) is automatically inserted at the end of each packet. Complete with this information, the entire packet is routed through the network to its intended destination.

Error checking is performed on each packet as it is transmitted through the network. If a packet and/or format error is detected, the sending equipment is automatically instructed to retransmit the message. A message may consist of a single packet or multiple packets.

Window Size is the maximum number of unacknowledged packets allowed without a confirmation of receipt. The Telephone Company will provide a Default Window Size of two packets for both directions of transmission. To ensure compatibility with DTE, the customer may specify a Window Size from two up to seven packets for one of both directions of transmission.

Customers must provide Data Terminal Equipment (DTE) in conformance with the interface specifications as described in Technical Reference NTR-74250 (X.25 Protocol), TR-TSY-000461 (X.75 Protocol) and NTR-74252 (Asynchronous Protocol).

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.1 General (Cont'd)17.1.1 Description (Cont'd)(E) Types of Service Configurations

There are two types of configurations for Packet Switching Access Services: Switched Virtual Circuit (SVC) Permanent Virtual Circuit (PVC). For INFOPATH packet switching service, each configuration must be designated as having one-way logical channel incoming, one-way logical channel outgoing or two-way calling.

(1) Switched Virtual Circuit (SVC)

Switched Virtual Circuit configurations are standard for INFOPATH packet switching service and allow the customer to establish a call to another point on the network by utilizing a temporary switched data connection. The user inputs the network address of the Data Terminal Equipment (DTE being called along with other information required for the call. The network processes a call set-up packet to the called network address. After the call is connected and accepted by called party, a call-connected packet is sent to the calling DTE indicating that call is connected. If for any reason the call cannot be connected, a message is sent to the calling DTE identifying the reason.

(2) Permanent Virtual Circuit (PVC)

Permanent Virtual Circuit configurations are an option for INFOPATH packet switching service. PVCs provide the electronic equivalent of a two-point private line between two ports which must be specified by their network addresses at the time of subscription. While no physical circuits are dedicated, the two network addresses are connected electronically to form a PVC. No call establishment (i.e. call set-up packet) is required for a PVC. For customers subscribing to INFOPATH packet switching service, the PVC option is specified in 17.2.1 following.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.1 General (Cont'd)17.1.2 Regulations

(A) The regulations specified herein are in addition to other applicable regulations specified in other sections of this tariff.

(B) Packet Switching Access Service will be furnished only when the customer has subscribed to an adequate number of port connections or logical channels as established by the Company to accommodate the service requested, i.e., originating, terminating or two-way calling, without impairing the network.

(C) Service Availability

All rates and charges set forth provide for the furnishing of Packet Switching Access Services where suitable facilities are available as specified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4, unless otherwise specified herein.

(D) Construction of Facilities

The regulations, rate and charges for special construction are set forth in THE VERIZON TELEPHONE COMPANIES TARIFF F.C.C. NO. 13.

(E) Failure of Service

For a failure of a Packet Switching Access Service port, credit will be applied according to Section 2., Paragraph 2.4.4(B)(1) and (4) as appropriate.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)

17.1 General (Cont'd)

17.1.2 Regulations (Cont'd)

(F) Minimum Period and Fractional Rates and Charges

The minimum period for which INFOPATH packet switching service is furnished and for which charges are applicable is specified in Section 2. of this tariff.

(G) Cancellation or Change of Application Prior to Establishment of Service

When an application for service is canceled or changed in whole or in part by, or on behalf of, the applicant prior to completion of construction and installation, the General Regulations contained in Section 5., Paragraphs 5.2.2 and 5.2.3 apply.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service17.2.1 Synchronous Service Components

There are three categories of service components which apply to synchronous INFOPATH packet switching service.

Port Connections  
Network Usage  
Optional Features

(A) Port Connections

There are two types of port connections: The Access Concentrator Port Connection and the Packet Switch Port Connection. These port connections and protocols are as follows.

(1) Access Concentrator Port Connection (Low to Medium Throughput)

An Access Concentrator Port Connection provides the customer with dedicated access to a port on the access concentrator at transmission speeds of up to 9.6 kbps using a Voice Grade Channel or DIGIPATH digital service II (DDS II) Channel in Verizon New England Inc. and up to 9.6 kbps using a Voice Grade Channel in Verizon New York Inc. Voice Grade and DDS II channels are specified in Section 7. The technical specifications defined under optional features in Section 7. apply for channels provided to the port connections. Each port connection includes one logical channel. The customer may, at its option, order up to 31 Additional Logical Channels as specified in 17.2.1(C)(1) following. The maximum number of logical channels available is 32 per port.

The Access Concentrator Port Connection has originating and terminating capabilities utilizing X.25 or X.75 Protocol.

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Issued: April 13, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.1 Synchronous Service Components (Cont'd)(A) Port Connections (Cont'd)(1) Access Concentrator Port Connection (Low to Medium Throughput)  
(Cont'd)(a) X.25 Protocol

X.25 Protocol enables the customer to establish up to 32 multiple virtual communication links from the customer's premises through the packet switching network.

X.25 Protocol Access Concentrator Port Connections are available as specified in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

(b) X.75 Protocol\*

X.75 Protocol supports throughput communications from the packet network to an internetwork carrier.

X.75 Protocol Access Concentrator Port Connections are available in the following exchanges.

Burlington, VT  
Manchester, NH  
Portland, ME  
Providence, RI  
Springfield, MA

\* Available in Verizon New England Inc. only.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.1 Synchronous Service Components (Cont'd)(A) Port Connections (Cont'd)(2) Packet Switch Port Connection (High Throughput)

The Packet Switch Port Connection provides a direct connection between a customer's premises and a port on the packet switch at transmission speeds of 9.6 or 56 Kbps via a Special Access Voice Grade, Digital Data or DIGIPATH digital service II (DDS II) Channel in Verizon New England Inc. and a Digital Data Channel in Verizon New York Inc. as specified in Section 7. The technical specifications defined under optional features in Section 7. apply for channels provided to the port connection.

The packet Switch Port Connection has the capability of establishing multiple communication links from the customer's premises through the packet switching network and is available with either X.25 or X.75 protocol. The X.25 and X.75 protocols provide the capability of establishing multiple virtual communication links from the customer's premises through the packet switching network.

The maximum number of logical channels available is 127 channels per port at 9.6 kbps and 511 channels per port at 56 kbps. In Verizon New England Inc., the port charge includes one logical channel with the option of purchasing additional logical channels. In Verizon New York Inc., the port charge includes 127 logical channels per port at 9.6 kbps and 511 logical channels per port at 56 kbps.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.1 Synchronous Service Components (Cont'd)(B) Network Usage

Network usage charges may be billed to either the originator or receiver of the call on a per call or full-time basis. The customer may invoke Reverse Charge Request which is a one-time request for the receiver of the call to accept billing for the usage charges accrued during the call. Reverse Charge Request is made on a per call basis during call establishment with the call set-up packet. Reverse Charge Acceptance allows for full-time reverse charge billing and is established at the time of subscription. With Reverse Charge Acceptance, the customer will be billed for all usage either originating or terminating on the specified port.

The customer may establish a preferred Recognized Private Operating Agency (RPOA) at the time of subscription which ensures that each internetwork call be routed to the customer's preferred internetwork carrier. The customer may override its RPOA Preselection on a per call basis by invoking a Reverse Charge Request to another RPOA.

Packet switching network usage is aggregated per billing month. When more than 2500 kilopackets are transmitted in a billing month, rates are discounted as set forth in 31.17 following. In Verizon New England Inc., Call Detail is provided as a chargeable optional feature.

Network Usage on the INFOPATH packet switching network is comprised of Call Set-Up and Packet Transport as described following.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.1 Synchronous Service Components (Cont'd)(B) Network Usage (Cont'd)(1) Call Set-Up

Call Set-Up initiates a request on a Switched Virtual Circuit for the establishment of a virtual channel for the duration of the call. Call Set-Up is charged on a per call basis. In Verizon Inc., an additional Call Set-Up packet charge applies per call redirected when the customer subscribes to Call Redirection.

(2) Packet Transport

Packet Transport provides for the routing of packets over the packet switching network. Usage charges are based on the number of packets transmitted (either sent or received) while the call is on the INFOPATH packet switching service network. The minimum unit of billing is a kilopacket. For billing purposes, a packet consists of up to 128 characters of user data.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.1 Synchronous Service Components (Cont'd)(c) Optional Features

Optional Features provide the customer with additional capabilities for interaction with the INFOPATH packet switching service network and should be selected by the customer at the time of subscription. Except for Call Redirection in Verizon Inc., nonrecurring charges do not apply when optional features are ordered in conjunction with the initial INFOPATH packet switching service. When ordered subsequent to the initial INFOPATH Packet Switching Service, Optional Feature or Interface Option Change Charges apply as shown in 31.17 following.

- (1) Additional Logical Channel\* - (USOC-LD9AL) - Allows the customer to simultaneously operate multiple channels on a single port.
- (2) Closed User Group - (USOC-LDJ) - Allows the customer to establish a sub-network among a restricted number of other users within the INFOPATH packet switching service network who can communicate privately with each other. Members of the closed user group may be designated as having Incoming Calls Barred, Outgoing Calls Barred, Fully Restricted access or Unrestricted access. In Verizon New York Inc. , each port may be a member of up to ten (10) Closed User Groups for Low to Medium Throughput ports and up to one hundred (100) Closed User Groups for High Throughput ports.
- (3) Call Detail\*\*-(USOC-MAJ1T, MAJ1P) - Provides for magnetic tape or printed detail of each call billed to the customer for use of the INFOPATH packet switching service network. This optional feature is available on either a continuous monthly basis or on a per request basis.

\* Not available for Synchronous High Throughput service with X.75 Protocol in Verizon New York Inc..

\*\* Available in Verizon New England Inc. only.

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Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.1 Synchronous Service Components (Cont'd)(C) Optional Features (Cont'd)

- (4) Fast Select Accept/Request\* - Allows up to 124 octets of user data to be included in the call set-up packet of the call connected packet. When the customer subscribes to Fast Select, Fast Select Accept capabilities are established for the port. Fast Select Accept allows a customer to receive user data in the call set-up packet and is required for use of Fast Select Request. Fast Select Request is invoked on a per call basis. In Verizon New England Inc., a charge applies for Fast Select Request on a per call basis and includes call set-up charges.
- (5) Multiple Network Address\* - (USOC-LDQ) - Allows a customer to subscribe to additional data terminal numbers in groups of 10. These numbers can be used with existing packet network connections and allow messages to be delivered to the customer's prespecified destinations. Multiple Network Addresses hunt in conjunction with the primary network address. Hunting provides for maximum call connection efficiency.
- (6) Permanent Virtual Circuit - (USOC-LDV) A circuit which is the electronic equivalent of a dedicated private line between two destination network addresses.
- (7) Call Redirection - (USOC-LRD) An option which permits calls made to the primary host (computer) location to be redirected to an alternate host location in the event of a failure or busy condition. In Verizon New York Inc., when the customer subscribes to the Call Redirection optional feature, an additional Call Set-Up packet charge applies per call redirected.
- (8) Abbreviated Addressing\*\* - (USOC-LJE) Allows the customer to specify an alpha-numeric code of two up to four characters as the network address.

\* Not available for Synchronous High Throughput service with X.75 Protocol in Verizon New York Inc.

\*\* Available in Verizon New England Inc. only.

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Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.2 Asynchronous Service Components(A) Description

Asynchronous transmission is a form of communications whereby each data character is individually synchronized by means of start and stop elements. The General provisions for INFOPATH packet switching services as shown in 17.1 preceding apply to asynchronous service, as appropriate.

Asynchronous service supports start-stop mode operation with ASCII codes at speeds up to 9.6 kilobits per second (kbps) in Verizon New England Inc. and up to 2.4 kbps in Verizon New York Inc. . With asynchronous access, the access concentrator will perform a built-in Packet Assembler/Disassembler (PAD) function to convert the data into packets utilizing a common protocol (X.25) and route them through the network to the specified destination.

The customer must provide Data Terminal Equipment (DTE) in conformance with the interface specifications as described in Technical Reference NTR-74252 (Asynchronous Protocol).

(B) Service Components

There are three categories of service components which apply to asynchronous INFOPATH packet switching service.

Access Concentrator Port Connections  
Network Usage  
Optional Features

## (1) Access Concentrator Port Connections

There are three types of Port Connections: The Public Dial Access Port Connection, the Private Dial Access Port Connection and the Dedicated Access Port Connection. These connections are described as follows.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.2 Asynchronous Service Components (Cont'd)(B) Service Components (Cont'd)

## (1) Access Concentrator Port Connections (Cont'd)

## (a) Public Dial Access Port Connection

Dial Access, for originating calls only, is initiated by dialing an INFOPATH packet switching service network number via an exchange line. Applicable message unit and toll charges apply for each completed call to the INFOPATH packet switching service network access number. Dial access supports asynchronous protocol and transmission speeds of up to 2.4 kbps.

In Verizon New England Inc., a Network User Identifier (NUI) Code is required for log-on to the network if usage charges are to be billed to the originator. A NUI is an alphanumeric code which identifies the user to the INFOPATH packet switching service network.

In Verizon New York Inc., a Packet Network Identification Number (PNIN) is required by the originator to connect with an Information Provider (IP). A PNIN is an alphanumeric code which provides automatic connection to an IP and serves to identify the originator to the IP. PNINs are sold to IPs in blocks of five. Usage charges are billed to the receiver of the call (i.e., the IP).

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Effective: April 28, 2001

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17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.2 Asynchronous Service Components (Cont'd)(B) Service Components (Cont'd)

## (1) Access Concentrator Port Connections (Cont'd)

## (b) Private Dial Access Port Connections

(i) Private Dial-In Access Port Connections

The Private Dial-In Access Port Connection is the same as the Public Dial Access Port Connection except that it is dedicated to one customer. A separate business line with dial-up network exchange capability, excluding Centrex, FGA and CSL BSA, is required to provide the customer who subscribes to the private dial port with a connection from the central office switch to Access Concentrator. The customer who subscribes to the private dial port is responsible for the additional line. Private Dial-In Access supports asynchronous protocol with transmission speeds of up to 9.6 kbps in Verizon New England Inc. and transmission speeds of up to 2.4 kbps in Verizon New York Inc. .

In Verizon New England Inc., the Network User Identifier code for log-on to the network is an optional feature.

For Private Dial-In Access, in Verizon New England Inc. the port charge is billed at a fixed monthly rate. In Verizon New York Inc., customers have the choice of selecting Option 1 or Option 2 port charges.

- Option 1 is a per month per port charge billed at a fixed monthly rate.
- Option 2 is a per minute of use charge and is subject to a minimum monthly charge. Option 2 charges begin when an end user gains access to a Private Dial-In Access Port and ceases when the call is terminated.

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Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.2 Asynchronous Service Components (Cont'd)(B) Service Components (Cont'd)

## (1) Access Concentrator Port Connections (Cont'd)

## (b) Private Dial Access Port Connections (Cont'd)

(ii) Private Dial-Out Access Port Connections\*

The Private Dial-Out Access Port Connection enables a customer to place a call to an address outside of the packet network (i.e. a destination on the switched network) via the access concentrator. This port connection is dedicated to one customer and supports transmission speeds up to 2.4 kbps. A separate business line, with dial-up network exchange capability, excluding Centrex and Line Side Switched Access Services, is required to connect the central office switch to the access concentrator. The customer who subscribes to the Private Dial-Out Access Port Connection is responsible for the additional business line.

The Network User Identifier (NUI) Code for log-on to the network is an optional feature.

\* Available in Verizon New England Inc. only.

## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.2 Asynchronous Service Components (Cont'd)(B) Service Components (Cont'd)

## (1) Access Concentrator Port Connections (Cont'd)

## (c) Dedicated Access Port Connection

Provides dedicated access from a customer designated premises to a port on the access concentrator at transmission speeds of up to 9.6 kbps in Verizon New England Inc. and up to 2.4 kbps in Verizon New York Inc. using Voice Grade Channels as specified in Section 7.

## (2) Network Usage

Network Usage for asynchronous service is the same as for network usage for synchronous service, as described in 17.2.1(B) preceding. In Verizon New England Inc., usage charges may be billed to the originator or receiver of the call. In Verizon New York Inc., usage charges are billed only to the receiver of the call.

## (3) Optional Features

- (a) Network User Identifier (NUI) Code\* - A NUI is an alphanumeric code which identifies the user to the INFOPATH packet switching service network. The code is stored in one Access Concentrator unless storage in additional Access Concentrators is specified. A customer may specify a NUI as Auto-Connect which allows a frequently called network address to be automatically connected when the Auto-Connect NUI is entered. This option is available for private dialed ports only.

\* Available in Verizon New England Inc. only.

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Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.2 Asynchronous Service Components (Cont'd)(B) Service Components (Cont'd)

## (3) Optional Features (Cont'd)

## (a) (Cont'd)

Usage charges for originating calls will be billed to the NUI unless otherwise specified. A NUI customer may invoke Reverse Charge Request on a per call basis during call establishment with the call set-up packet. At the time of subscription, a customer subscribing to the NUI Optional Feature may make a Recognized Private Operating Agency (RPOA) Preselection to transport its internetwork calls.

## (b) The following optional features are available with asynchronous service at rates and charges as specified in 31.17 following.

Closed User Group\*\*  
Permanent Virtual Circuit\*\*  
Fast Select Accept/Request\*  
Call Detail\*  
Call Redirection\*

\* Available in Verizon New England Inc. only.

\*\* Available only for Asynchronous service with Dedicated Access Port connections in Verizon New York Inc. .

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.3 Verizon New England Inc. Feature-Based Payment Option(A) General

- (1) The Feature-Based Payment Option (FPO) is an optional method of payment for customers who commit to a minimum of 2,500 kilopackets of usage per month.
- (2) The FPO allows the customer to pay for a system-specific configuration, optional features and monthly usage under a service contract.
- (3) The customer may request to recontract INFOPATH packet switching service at any time during the service contract period. A new contract for the system begins the day following the completion of the conversion order at the currently effective charges. A charge for the conversion order will be specified in the contract. The customer is not billed any one-time or nonrecurring charges previously paid.
- (4) Upon expiration of an FPO Service Contract period, the customer may elect to continue service on a month-to-month basis or continue service in accordance with a new FPO agreement.

(B) Rates and Charges

- (1) The rates and charges for customers under the FPO are contained 31.17 for Verizon New England Inc. following. The rates and charges are based on the customer's system-specific configuration including any associated optional features and monthly usage. All customers under the FPO must commit to and pay monthly rates for a minimum usage of 2,500 kilopackets per month. These FPO rates and charges are in addition to the appropriate rates and charges for all access arrangements (facilities from the customer's premises to the INFOPATH packet switching service network) and for other associated optional features and services not covered by the FPO as specified elsewhere in the tariff.

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Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.2 INFOPATH Packet Switching Service (Cont'd)17.2.3 Verizon New England Inc. Feature-Based Payment Option (Cont'd)(B) Rates and Charges (Cont'd)

- (2) The customer may elect to pay FPO billing for committed charges as specified in 31.17 for Verizon New England Inc. following. The appropriate time value of money equivalency factor, based on a monthly effective interest rate specified in the contract which is multiplied by the upfront payment charge to determine the monthly rates for optional payment periods. These payments are not subject to Company-initiated change during the period of the contract.
- (3) FPO billing for the monthly service rate as specified in 31.17 for Verizon New England Inc. following applies as long as the system under contract remains in service. This recurring monthly charge is subject to annual change by filed tariff revision to reflect changes in the Consumer Price Index for the previous calendar year.
- (4) The FPO service contract includes services for an entire system.
- (5) With the written permission of the Company, the obligation to pay contractual charges may be assigned to another customer at the same location for a fee of \$100 payable by the new customer. In addition to assuming responsibility to pay the contractual charges, the new customer assumes the conditions applicable to INFOPATH packet switching service at the time of the transfer. A transfer of service between customers at the same time as a relocation is not permitted.

(C) Subsequent Additions or Changes

Service may be added to or changed in an existing FPO system in accordance with individually developed rates and charges as specified in 31.17 for Verizon New England Inc. following.

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Effective: April 28, 2001

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17. Packet Switching Access Service (Cont'd)

17.2 INFOPATH Packet Switching Service (Cont'd)

17.2.3 Verizon New England Inc. Feature-Based Payment Option (Cont'd)

(D) Discontinuance of Service

In the event of a complete discontinuance of service prior to the expiration of a FPO service contract, the customer is required to pay the present value of any outstanding payments for committed amounts. Any partial discontinuance of service will not change FPO billing for the remaining life of the service contract.

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Effective: April 28, 2001

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17. Packet Switching Access Service (Cont'd)

17.3 Reserved for Future Use

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Issued: April 13, 2001

Effective: April 28, 2001

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17. Packet Switching Access Service (Cont'd)

17.4 Reserved for Future Use

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.5 IP (Internet Protocol) Routing Service17.5.1 Service Description

The Telephone Company's IP (Internet Protocol) Routing Service, IPRS, provides for the collection, concentration and management of the customer's data traffic within a LATA. IPRS consists of network routers located at LATA hub sites that will collect the customer's end user data traffic and concentrate it for connection and transport over the Telephone Company's fast packet data network to a customer's designated location.

The customer has the option of utilizing, as a feature of IPRS, Single Number Routing (SNR) in lieu of local telephone numbers, which are included as part of IPRS. This option provides for all end users in a defined geographic area (i.e., a LATA) to have access to the customer via one specialized telephone number. The end user can initiate a call within the service area to the customer, and the call will be treated as a local call by the Telephone Company for the connection and duration of the call. This option (which is assigned USOC NS01X) is part of the standard IPRS offering and is included in the rates and charges for IPRS at no additional charge.

The following two alternatives are offered to the customer under this option:

1. The Telephone Company will assign a Single Number Routing telephone number from a 500 NPA; or
2. The customer can provide the Telephone Company with its own 555-XXXX telephone number acquired from the North American Numbering Plan Administration.

For those customers that opt for Single Number Routing, the Telephone Company will provision either a single 500 or 555 telephone number. If the customer requests additional 500 or 555 telephone numbers, special assembly charges will apply.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.5 IP (Internet Protocol) Routing Service (Cont'd)17.5.1 Service Description (Cont'd)

IPRS provides two types of ports for the collection of end user data traffic. The port type(s) is/are determined by the method(s) chosen by the customer for access to its end user(s). The two port types are:

1. Dial-up Port

2. IPRS DS1/1.544 Mbps Port\*

(C)

The dial-up port type is intended for use with a single computer connection and not for connection to a Local Area Network (LAN).

IPRS does not include the end user access service. End user services and facilities are available from this and other public telephone network tariffs.

IPRS requires the use of RADIUS (Remote Authentication Dial-In User Service), a network security protocol, for the customer's authentication and authorization of its dial-up end user(s). See Section 17.5.2 following for technical references.

\* Effective September 15, 2001, the IPRS DS1/1.544 Mbps Port will no longer be available for new service requests.

(N)  
|  
(N)

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Issued: August 31, 2001

Effective: September 15, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.5 IP (Internet Protocol) Routing Service (Cont'd)17.5.1 Service Description (Cont'd)

Maintenance and upgrades for IPRS are performed during the hours of 11:00 p.m.. and 8:00 a.m. At times, during the hours of maintenance activity, it will be necessary to place a customer's service in an inactive or out-of-service condition. The amount of time that this scheduled out-of-service condition will exist is called a "maintenance window." The Telephone Company will provide the customer notice prior to the maintenance window and will work cooperatively with the customer to minimize service disruption. Maintenance window activity could be scheduled for consecutive days.

17.5.2 Technical Specifications

IPRS is provided in compliance with standards established by the Internet Architecture Board as stated in the following publications:

STD 0001, Internet Official Protocol Standards; J Postel, Editor, issued June 1997.

RFC 2138, Remote Authentication Dial-In User Service (RADIUS); C. Rigney, A. Rubens, W. Simpson, S. Willens., issued April 1997.

17.5.3 Terms and Conditions

- (A) IPRS is a hubbed service. Included, for provisioning purposes only and subject to facilities, are 10-digit number triggers, which are POTS telephone numbers established in all Telephone Company end offices. A 10-digit number trigger provides for an incoming call to an IPRS dial-up port to be routed to a specific IPRS hub using Telephone Company routing tables. The USOC TGRAR is used to indicate and reserve a customer's 10-digit number trigger(s). IPRS hub wire centers are designated in (B) following.

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.5 IP (Internet Protocol) Routing Service (Cont'd)17.5.3 Terms and Conditions (Cont'd)

(B)	<u>LATA</u>	<u>Hub Wire Center</u>	<u>Service Availability</u>
	NY Metro	West 36 <sup>th</sup> Street NYC	May 1999
	Eastern MA	Franklin Street Boston	May 1999
	NY Metro	White Plains	June 1999
	NY Metro	Garden City	June 1999
	NY Metro	West 18 <sup>th</sup> Street NYC	September 2000
	NY Metro	East 13 <sup>th</sup> Street NYC	September 2000
	NY Metro	East 79 <sup>th</sup> Street NYC	December 2000
	NY Metro	Hempstead	September 2000
	NY Metro	Deer Park	September 2000
	Albany	State Street Albany	July 1999
	Albany	Clinton St. Schenectady	August 1999
	P'keepsie	Hamilton Street	Sept. 1999
	P'keepsie	Kingston	May 2000
	Binghamton	Henry Street	July 1999
	Binghamton	Corning	May 2000
	Syracuse	Tioga St. Ithaca	August 1999
	Syracuse	State St. Syracuse	July 1999
	Buffalo	Amherst	August 1999
	Buffalo	Franklin St. Buffalo	July 1999
	Eastern MA	Bent St. Cambridge	July 1999
	Eastern MA	Framingham	July 1999
	Eastern MA	Worcester	Sept. 1999
	Eastern MA	Brockton	February 2001
	Eastern MA	Lawrence	February 2001
	Western MA	Pittsfield	August 1999
	Western MA	Springfield	July 1999
	Maine	Augusta	June 1999
	Maine	Portland	May 1999
	Maine	Ellsworth	January 2001
	Maine	Lewiston	December 2000
	New Hamp.	Manchester	May 1999
	New Hamp.	Nashua	June 1999
	Rhode Isl.	Providence	July 1999
	Rhode Isl.	Newport	August 1999
	Vermont	Burlington	June 1999
	Vermont	Montpelier	June 1999
	Vermont	St. Johnsbury	October 2000
	Vermont	Brattleboro	January 2001
	Vermont	Rutland	January 2001

Certain regulations previously found on this page can now be found on  
Original Page 17-45.1.

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Issued: April 13, 2001

Effective: April 28, 2001

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17. Packet Switching Access Service (Cont'd)

17.5 IP (Internet Protocol) Routing Service (Cont'd)

17.5.3 Terms and Conditions (Cont'd)

- (C) IPRS is available on a month-to-month basis and for commitment periods of 3 years and 5 years.
- (D) Month-to-month service is subject to a minimum service period of 12 months.
- (E) Customers electing a 3-year or 5-year term must also select a minimum port volume for the service period.
- (F) IPRS is provided on a negotiated service date interval.
- (G) IPRS is monitored and maintained 24 hours-a-day 7 days-a-week for trouble isolation and resolution.
- (H) The customer is responsible for purchasing an adequate quantity of ports to accommodate originating dial-up traffic, which is delivered to the selected IPRS hub(s) for aggregation and routing to the customer's host location. A Port Capacity Report, furnished by the Telephone Company, that indicates 100% utilization for 30 minutes or more during any one-week period will require the customer to augment their port capacity accordingly in the affected hub(s).

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.5 IP (Internet Protocol) Routing Service (Cont'd)17.5.4 Rate Regulations

- (A) All rate categories are billed monthly.
- (B) Nonrecurring charges apply for the installation of each port, as set forth in Section 30.17.6 following for price band charges and 31.17 6 following for all other charges. (C)  
(C)

A conversion of service to a new commitment period of equal or greater length than the remainder of the existing term does not incur nonrecurring charges for the existing port.

- (C) When a customer's commitment period ends, the rates associated with the quantity of ports installed under such commitment period will remain in effect.
- (D) Termination liability applies when a port is disconnected prior to the end of the minimum service period or prior to the end of the selected commitment period. Liability is assessed as follows:

Month-to-Month Service: The customer is responsible for 100% of the monthly rates for the entire 12-month minimum service period.

3 and 5-Year Terms: The customer is responsible for 100% of the monthly rate for the first months and 15% of the remaining monthly charges.

Termination liability is waived if a port is converted to another term of equal or greater value in revenue than the remainder of the present term.

Termination liability is waived when a customer replaces one port for another type and commits to a term of equal or greater value in revenue than the remainder of the current commitment. The replacement is subject to applicable nonrecurring charges.

If the customer's recurring rate increases, the customer may discontinue service without liability.

(TR 55)

Issued: June 18, 2001

Effective: July 3, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.5 IP (Internet Protocol) Routing Service (Cont'd)17.5.4 Rate Regulations (Cont'd)

- (E) Customers with a 3-year or 5-year term commitment must order service with a volume commitment, enabling the customer to receive the discount applicable to the appropriate volume tier for the committed volume for all ports subscribed. Customers with this option and a 3-year term will have 12 months after the initial port installation to reach the committed port volume. Customers with a 5-year term who select this option will have 24 months after the initial port installation to reach the committed volume.

Six months after the end of the appropriate 12 or 24 month installation window, a review of the customer's account will be performed to verify that the committed volume level has been achieved. Rates will be adjusted accordingly based upon the number of ports in service.

Failure to achieve the guaranteed quantity of ports within the specified time frame will result in all ports being rerated to the applicable monthly rate for the quantity actually in service. In addition, a liability charge equal to the monthly rate per port at the guaranteed commitment level multiplied by the port shortfall (the difference between the committed volume and the actual number of ports in service) multiplied by 3 months will apply.

In the event the customer has exceeded the commitment level, and the number of ports in service qualifies for a lower monthly rate based upon the volume tier for that number of ports, all ports will be rerated to the new, lower monthly rate.

Customer account reviews will be performed semi-annually after the first review until the end of the commitment period.

- (F) Customers with a 3-year or 5-year term commitment may add additional ports at any time during the commitment period at the rates applicable for the term commitment and the volume commitment initially selected. All ports will therefore be subject to a common expiration date for service commitment.
- (G) IPRS ports must be purchased in increments of 23 ports, except where available as single port quantities.

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(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.5 IP (Internet Protocol) Routing Service (Cont'd)17.5.4 Rate Regulations (Cont'd)

- (H) Upon receipt of a bona fide request from a customer for a port quantity in excess of 75,500 Ports, the Telephone Company will work cooperatively with the customer to develop a per port rate for the requested quantity. Once the per-port rate is developed and accepted by the customer, it will then be tariffed and made available to any other customers requesting that same port quantity.
- (I) IPRS Reports
- (1) IPRS includes a text-based, preformatted Daily Capacity Report that includes all network elements and all items from the previous day. This report is provided to each IPRS customer each day via e-mail without charge.
- (2) Customers desiring additional reports may choose optional Customer Service Management (CSM) Reports. The Telephone Company will provide IPRS customers with traffic reports and the ability to access these traffic data in near real-time via web-based access. The following reports will be available to the IPRS customer:
- (a) Total Connections, Analog and Digital
  - (b) Analog and Digital Ratio
  - (c) Calls Increment (measuring total calls received in ten minute intervals)
  - (d) ISDN Connections
  - (e) Modem Connections (measuring analog call connections)
  - (f) Seconds Increment (measuring total duration in seconds for a specific period of time)
  - (g) Weekly Maximum for Total Connections, Analog and Digital
- (3) Customers opting for the CSM Reports will have the ability to display varying time periods for archived data, in varying intervals (i.e., several days, weeks, or months up to 12 months prior). CSM customers will also have the ability to view the output data graphically. Appropriate output may also be displayed illustrating Raw Data, Peaks, or Averages. Polling across the IPRS network for the CSM reports occurs in 10-minute intervals on average. Output data are not available for the most recent 24 hours prior to the query.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042



## ACCESS SERVICE

17. Packet Switching Access Service (Cont'd)17.5 IP (Internet Protocol) Routing Service (Cont'd)17.5.4 Rate Regulations (Cont'd)

## (I) IPRS Reports (Cont'd)

- (4) Recurring and Nonrecurring charges are based on a per-user access limited to six (6) IP addresses. The price entitles the customer to access the entire menu of available reports. Charges are assessed based on the size of the IPRS network (200 IPRS ports or less, or greater than 200 IPRS ports). If additional user access is needed, customers will be required to pay an additional appropriate monthly rate for each additional user access requested.

17.5.5 Rate Categories

- (A) Dial-up Port: Provides one data path connection in a local calling area of the company designated by the customer for analog/ISDN dial-up access to the customer by the customer's end users, and the IP routing of the end user data to the customer.
- (B) IPRS DS1/1.544 Mbps Port\*: Provides connection and IP routing of end user data terminated over dedicated private line facilities at a speed of 1.544 Mbps. (C)

\* Effective September 15, 2001, the IPRS DS1/1.544 Mbps Port will no longer be available for new service requests.

(N)  
|  
(N)

(TR 88)

Issued: August 31, 2001

Effective: September 15, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services31.13.1 Additional Engineering

<u>Additional Engineering Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
A. Basic Time, normally scheduled working hours, per engineer	AEH		
- New York/Connecticut		\$38.28	\$20.87
- All other states		55.68	19.98
B. Overtime, outside normally scheduled working hours, per engineer	AEH		
- New York/Connecticut		38.28	20.87
- All other states		59.72	24.02

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.2 Additional Labor

<u>Additional Labor Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>	
(A) Installation or Repair				
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	ALH			(C)
- New York/Connecticut		\$29.78*	22.27*	
- All other states		39.54*	3.84*	
- Premium Time, outside of scheduled work day, per technician	ALH			(C)
- New York/Connecticut		34.50*	27.00*	
- All other states		43.37*	7.67*	
(B) Stand by				
- Basic Time normally scheduled working hours, per technician	ALT			
- New York/Connecticut		None	20.22	
- All other states		None	12.43	
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	ALT			
- New York/Connecticut		None	23.99*	
- All other states		None	16.26*	
- Premium Time, outside of scheduled work day per technician	ALT			
- New York/Connecticut		None	28.81*	
- All other states		None	20.09*	
* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.				

(D)

(D)

(TR 126)

Issued: December 6, 2001

Effective: December 21, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.2 Additional Labor (Cont'd)

- (C) Testing and Maintenance with  
other telephone companies, or  
Other Labor

<u>Additional Labor Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time, normally scheduled working hours, per technician	ALK		
- New York/Connecticut		\$44.14	\$19.29
- All other states		48.13	12.43
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	ALK		
- New York/Connecticut		49.31*	23.06*
- All other states		51.96*	16.26*
Premium Time, outside of scheduled work day, per technician	ALK		
- New York/Connecticut		55.94*	27.86*
- All other states		55.79*	20.09*

- \* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.3 Maintenance of Service

<u>Maintenance of Service Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time normally scheduled working hours, per technician	MVV		
- New York/Connecticut		\$50.92	\$18.62
- All other states		48.13	12.43
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	MVV		
- New York/Connecticut		57.21*	22.11*
- All other states		51.96*	16.26*
Premium Time, outside of scheduled work day, per technician	MVV		
- New York/Connecticut		65.41*	26.67*
- All other states		55.79*	20.09*

\* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.4 Presubscription

	<u>Nonrecurring Charge</u>
(A) Change in Presubscription,	
(1) per Telephone Exchange Service line or trunk, Centrex-CO line, Public Telephone Service line, Feature Group A line or CSL BSA line	\$5.00

Note: This charge is billed to the customer who is the subscriber to the Telephone Exchange Service, Centrex-CO line, Feature Group A line or CSL BSA line, except as set forth in 13.3.3(B)(4)(a), 13.3.3(B)(9) and 13.3.3(H) preceding when such charges(s) will be billed to an IC.

	<u>Nonrecurring Charge</u>
(B) PIC Consolidation Charge, per Telephone Exchange Service line or trunk, Centrex line, Public Telephone Service line, Feature Group A line or CSL BSA	\$0.95

Note: This charge is billed to an IC who requests customer PIC changes in order to consolidate multiple 3 digit PIC codes provided that all lines or trunks associated with the former 3-digit PIC(s) are changed at the same time to a single existing 3 digit PIC code.

(C) International Direct Dial Blocking Service

	<u>USOC</u>	<u>Nonrecurring Charge</u>
- per line	RBVXC	\$11.00

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.4 Presubscription (Cont'd)(D) 900 Pay-Per-Call Blocking Service\*

	<u>Nonrecurring Charge</u>	
	<u>Residence</u>	<u>Business</u>
<u>Option 2</u>		
2-Party, Individual Line Residence, Centrex Dormitory, One and Two Individual Line Business - Per Option	None	\$10.38
<u>Option 3</u>		
Three or More Individual Line Business; Residence and Business PBX Service - Per Option		
per order	\$16.00	56.00
per line	26.05	26.05
<u>Centrex Services</u>		
- Per Option		
per order	None	56.00
per line	None	26.05

\* Charges apply in Verizon New York Inc. only.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.4 Presubscription (Cont'd)

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(E)	On Line Transfer Service	\$800.00	None
(F)	Long Distance Trouble Management Services (LDTMS)	<u>USOC</u>  Monthly <u>Rate</u>	
		WTR \$15,400.00	
(G)	PIC Verification Service		<u>Nonrecurring Charge</u>
(1)	Telephone Request		
	- Per WTN		\$1.35
(2)	On-Line Electronic Interface Request		
	- Per WTN		\$0.60
(H)	Invalid Report Charge	<u>USOC</u>	<u>Nonrecurring Charge</u>
	New York/Connecticut	(NOTE)	\$4.45
	All other states	(NOTE)	4.45
(NOTE)	USOC to be provided at a later date.		

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042



## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.5 Standard Jacks Registration Program

## (A) Standard Voice Jacks

(1) Miniature Six-position Jacks  
for connection of terminal  
equipment as follows:

	<u>USOC</u>	<u>Nonrecurring Charges</u>
(a) Single line telephone, surface or flush mounted.	RJ11C	
- New York/Connecticut		\$13.96
- All other states		24.00
(b) Single line, wall mounted	RJ11W	
- New York/Connecticut		13.96
- All other states		12.00

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.5 Standard Jacks Registration Program (Cont'd)

## (A) Standard Voice Jacks (Cont'd)

## (1) (Cont'd)

		<u>USOC</u>	<u>Nonrecurring Charges</u>
(c)	Two-line nonkey telephone sets surface or flush mounted.	RJ14C	
	- New York/Connecticut		\$13.96
	- All other states		24.00
(d)	Single-line bridged 4-wire exchange 2/RT, T1/R1.	RJ1DC	
	- New York/Connecticut		13.96
	- All other states		24.00
(e)	Two-line nonkey telephone sets wall mounted	RJ14W	
	- New York/Connecticut		13.96
	- All other states		12.00
(f)	Special single line data equipment for use in hospital critical care areas.	RJ17C	
	- New York/Connecticut		13.96
	- All other states		13.00
(g)	9DB single line data equipment with mode indication and mode indication common leads. This jack is normally used in association with a series jack.	RJ16X	
	- New York/Connecticut		13.96
	- All other states		24.00
(h)	Three-line nonkey telephone sets and ancillary devices.	RJ25C	
	- New York/Connecticut		\$13.96
	- All other states		22.00

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.5 Standard Jacks Registration Program (Cont'd)

## (A) Standard Voice Jacks (Cont'd)

## (1) (Cont'd)

		<u>USOC</u>	<u>Nonrecurring Charges</u>
(i)	Single-line nonkey telephone and ancillary devices connected directly to central office lines where there is a requirement for make-busy*:		
	- Portable wall mounted equipment	RJ18W	\$24.00
	- All other	RJ18C	24.00
(2)	Miniature 50 Position Ribbon Jacks for connection of multiline terminating equipment and channel derivation devices as follows:		
(a)	For connection to 2-wire tie trunks E&M type I signaling. (12 line capacity)	RJ2EX	
	- New York/Connecticut		164.74
	- All other states		76.00
(b)	For connection to 4-wire tie trunks E&M type I signaling. (8 line capacity)	RJ2GX	
	- New York/Connecticut		164.74
	- All other states		76.00
(c)	For connection to 2-wire tie trunks E&M type II signaling. (8 line capacity)	RJ2FX	
	- New York/Connecticut		164.74
	- All other states		76.00

\* Verizon New England Inc. only.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.5 Standard Jacks Registration Program (Cont'd)

## (A) Standard Voice Jacks (Cont'd)

- (2) Miniature 50 Position Ribbon Jacks for connection of multiline terminating equipment and channel derivation devices as follows: (Cont'd)

		<u>USOC</u>	<u>Nonrecurring Charges</u>
(d)	For connection to 4-wire tie trunks E&M type II signaling. (6 line capacity)	RJ2HX	
	- New York/Connecticut		\$164.74
	- All other states		76.00
(e)	For connection to off-premises station lines. (25 line capacity)	RJ21X	
	- New York/Connecticut		164.74
	- All other states		136.00
(f)	For use with series devices such as toll restrictors. (12 line capacity)	RJ71C	
	- New York/Connecticut		222.55
	- All other states		94.00
(g)	For connection of up to 12 line bridged 4-wire exchange 2/RT, T1/R1.	RJ2DX	
	- New York/Connecticut		164.74
	- All other states		76.00
(h)	For connection of 2-12 nonkey telephone(s) and ancillary devices connected directly to central office lines where there is a requirement of make-busy.*	RJ2MB	136.00

\* Verizon New England Inc. only.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.5 Standard Jacks Registration Program (Cont'd)

## (A) Standard Voice Jacks (Cont'd)

(3) Series Jacks for connections of  
terminal equipment as follows:

		<u>USOC</u>	<u>Nonrecurring</u> <u>Charges</u>
(a)	Single line alarm reporting devices.	RJ31X	
	- New York/Connecticut		\$27.21
	- All other states		21.00
(b)	Series ancillary devices such as automatic dialers. Single line sets with exclusion.	RJ32X	
	- New York/Connecticut		27.21
	- All other states		21.00
(c)	Two line telephone sets with exclusion on one line.	RJ37X	
	- New York/Connecticut		27.21
	- All other states		21.00
(4)	Miniature Eight-Position Series Jack for connection of alarm reporting devices.*	RJ38X	21.00
(5)	Weatherproof Jack for use with single line telephone sets used at locations such as boats and marinas.	RJ15C	21.00
	- New York/Connecticut		56.62
	- All other states		94.00

\* New England only.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.5 Standard Jacks Registration Program (Cont'd)

## (B) Standard Data Jacks

	<u>USOC</u>	<u>Nonrecurring Charges</u>
(1) Universal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equipment. (1 line capacity)	RJ41S	
- New York/Connecticut		\$83.81
- All other states		42.00
(2) Programmed Data Jack for use in connecting programmed data equipment. (1 line capacity)	RJ45S	
- New York/Connecticut		71.43
- All other states		36.00
(3) Multiple Line Universal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equipment. This jack will terminate up to eight lines. The selection of this jack requires the use of the equipment listed following.	RJ26X	
- New York/Connecticut		273.27
- All other states		181.00
(a) Multiple Line Universal Data Jack Circuit Cards. For use with RJ26X. One circuit card per circuit required.	RJ26S	
- New York/Connecticut		47.67
- All other states		29.00
(b) Multiple Line Universal Data Jack Mounting options. For use with RJ26X. One required per RJ26X.		
- Wall Mounting with cover.	RJM3X	
- New York/Connecticut		62.84
- All other states		44.00
- Rack Mounting (19 inch or 23 inch).	RJM4X	
- New York/Connecticut		19.00
- All other states		32.00

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.5 Standard Jacks Registration Program (Cont'd)

## (B) Standard Data Jacks (Cont'd)

		<u>USOC</u>	<u>Nonrecurring Charges</u>
(4)	Miniature Eight-Position Keyed Jack for connection of local area data channels and/or Digital Data Access Services.*	RJ48S	\$20.00
(5)	Miniature Fifty-Position Ribbon Jack for connection of local area data channels and/or Digital Data Access Services.*#	RJ48T	136.00

## (C) Standard Digital Jacks\*

(1)	Miniature Eight-Position Jack for connection of 1.544 Mbps Digital Services.*	RJ48C	20.00
(2)	Miniature Eight-Position Jack with Shorting Bars for connection of 1.544 Mbps Digital Services.*#	RJ48X	21.00
(3)	Miniature Fifty-Position Ribbon Jack for connection of 1.544 Mbps Digital Services.*#	RJ48M	136.00

\* Verizon New England Inc. only.

# The Telephone Company will wire the lines to the jack in the sequence designated by the customer.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.6 Testing Services

## (A) Switched Access

## (1) Additional Cooperative Acceptance Testing

<u>Testing Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
- Basic Time normally scheduled working hours, per technician			
- New York/Connecticut	UBCXT	\$37.36	\$19.95
- All other states	UBCX+	54.96	19.26
- Overtime, outside of normally scheduled working hours on a scheduled work day, per technician			
- New York/Connecticut	UBCXT	41.41*	24.00*
- All other states	UBCX+	58.49*	22.79*
- Premium Time, outside of scheduled workday per technician			
- New York/Connecticut	UBCXT	46.47*	29.06*
- All other states	UBCX+	62.01*	26.31*

\* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042



ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)

31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)

31.13.6 Testing Services (Cont'd)

(A) Switched Access (Cont'd)

(2) Reserved for Future Use

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.6 Testing Services (Cont'd)

## (A) Switched Access (Cont'd)

## (3) Cooperative Scheduled Testing (CST)

The three tests as set forth in (a) following represent the minimum offering, i.e., an order for testing must, at a minimum, consist of four 1004 Hz Loss Tests per transmission path, four C-Message Noise Tests per transmission path and one Return Loss (Balance) Test per transmission path, per year. The Additional Tests as set forth in (b) following may be ordered by the customer, at additional charges, 60 days prior to the start of the customer prescribed schedule. The customer also may specify a more frequent schedule of tests 60 days prior to the start of the customer prescribed schedule.

## (a) Basic Tests\*

<u>To First Point of Switching</u>	<u>USOC</u>	<u>Monthly Rates</u>
1004 Hz Loss Tests performed within a one year period, per test ordered, per transmission path	UBSX+	
- New York/Connecticut		\$0.26
- All other states		0.43
C-Message Noise Tests performed within a one year period, per test ordered, per transmission path	UBSX+	
- New York/Connecticut		1.05
- All other states		0.27
Return Loss (Balance) Tests performed within a one year period, per test ordered, per transmission path	UBSX+	
- New York/Connecticut		1.05
- All other states		0.59

\* Subject to a one year minimum contract period, and annually thereafter.

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Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.6 Testing Services (Cont'd)

## (A) Switched Access (Cont'd)

## (3) Cooperative Scheduled Testing (CST) (Cont'd)

## b) Additional Tests

<u>To First Point of Switching</u>	<u>USOC</u>	<u>Monthly Rates</u>
--	-------------	--------------------------

Gain-Slope Tests performed within a  
one year period,  
per test ordered,  
per transmission path

UBSX+

- New York/Connecticut		\$1.05
- All other states		0.43

C-Notched Noise Tests performed  
within a one year period,  
per test ordered,  
per transmission path

UBSX+

- New York/Connecticut		1.05
- All other states		0.27

## (c) Example using New York rates:

A customer schedules 6 1004 Hz Loss Tests, 6 C-Message Noise Tests and 4 Return Loss Tests on one trunk for a year. The charges will be computed as follows:

6 x .26	=	1.56
+6 x 1.05	=	6.30
+4 x 1.05	=	<u>4.20</u>
\$12.06 per month, per trunk		

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.6 Testing Services (Cont'd)

## (A) Switched Access (Cont'd)

## (4) Manual Scheduled Testing (MST)

The three tests as set forth in (a) following represent the minimum offering, i.e., an order for testing must, at a minimum, consist of four 1004 Hz Loss Tests per transmission path, four C-Message noise Tests per transmission path and one Return Loss (Balance) Test per transmission path, per year. The Additional Tests as set forth in (b) following may be ordered by the customer, at additional charges, 60 days prior to the start of the customer prescribed schedule. The customer also may specify a more frequent schedule of tests 60 days prior to the start of the customer prescribed schedule.

## (a) Basic Tests \*

<u>To First Point of Switching</u>	<u>USOC</u>	<u>Monthly Rates</u>
1004 Hz Loss Tests performed within a one year period, per test ordered, per transmission path	UBMX+	
- New York/Connecticut		\$0.57
- All other states		0.76
C-Message Noise Tests performed within a one year period, per test ordered, per transmission path	UBMX+	
- New York/Connecticut		2.10
- All other states		0.50
Return Loss (Balance) Tests per- formed within a one year period, per test ordered, per transmission path	UBMX+	
- New York/Connecticut		2.10
- All other states		1.03

\* Subject to a one year minimum contract period, and annually thereafter.

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.1.6 Testing Services (Cont'd)

## (A) Switched Access (Cont'd)

## (4) Manual Scheduled Testing (MST) (Cont'd)

## (b) Additional Tests

<u>To First Point of Switching</u>	<u>USOC</u>	<u>Monthly Rates</u>
Gain-Slope Tests performed within a one year period, per test ordered, per transmission path	UBMX+	
- New York/Connecticut		\$2.10
- All other states		0.76
C-Notched Noise Test performed within a one year period, per test ordered, per transmission path	UBMX+	
- New York/Connecticut		2.10
- All other states		0.50

## (c) Example

See Cooperative Scheduled Testing (3)(c) preceding.

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services  
(Cont'd)31.13.6 Testing Services (Cont'd)

## (A) Switched Access (Cont'd)

## (5) Nonscheduled Testing (NST)

## Automatic Testing:

<u>To First Point of Switching</u>	<u>USOC</u>	<u>Nonrecurring Charges</u>
1004 Hz Loss, per test performed	USCX+	
- New York/Connecticut		\$11.50
- All other states		17.00
C -Message Noise, per test performed	USCX+	
- New York/Connecticut		23.50
- All other states		17.00
Return Loss (Balance), per test performed	USCX+	
- New York/Connecticut		23.50
- All other states		17.00
Gain-Slope, per test performed	USCX+	
- New York/Connecticut		23.50
- All other states		17.00
C-Notched Noise, per test performed	USCX+	
- New York/Connecticut		23.50
- All other states		17.00

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.6 Testing Services (Cont'd)

## (A) Switched Access (Cont'd)

## (5) Nonscheduled Testing (NST) (Cont'd)

## Cooperative Testing:

<u>Testing Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time, normally scheduled work- ing hours, per technician			
- New York/Connecticut	USSXT	\$37.36	\$19.95
- All other states	USSX+	54.96	19.26
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician			
- New York/Connecticut	USSXT	41.41*	24.00*
- All other states	USSX+	58.49*	22.79*
Premium Time, outside of scheduled work day, per technician			
- New York/Connecticut	USSXT	46.47*	29.06*
- All other states	USSX+	62.01*	26.31*

\* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.6 Testing Services (Cont'd)

## (A) Switched Access (Cont'd)

## (5) Nonscheduled Testing (NST) (Cont'd)

## Manual Testing:

<u>Testing Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time, normally scheduled work- ing hours, per technician			
- New York/Connecticut	USMXT	\$44.14	\$19.29
- All other states	USMX+	51.55	15.85
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician			
- New York/Connecticut	USMXT	49.31*	23.06*
- All other states	USMX+	55.23*	19.53*
Premium Time, outside of scheduled work day, per technician			
- New York/Connecticut	USMXT	55.94*	27.86*
- All other states	USMX+	58.91*	23.21*

\* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.6 Testing Services (Cont'd)

## (B) Special Access

## (1) Additional Cooperative Acceptance Testing (ACAT)

<u>Testing Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time, normally scheduled work- ing hours, per technician			
- New York/Connecticut	SNTXT	\$37.36	\$19.95
- All other states	SNTX+	48.13	12.43
Overtime, outside of normally scheduled working hours, on a scheduled work day, per technician			
- New York/Connecticut	SNTXT	41.41*	24.00*
- All other states	SNTX+	51.96*	16.26*
Premium Time, outside of scheduled work day, per technician			
- New York/Connecticut	SNTXT	46.47*	29.06*
- All other states	SNTX+	55.79*	20.09*

\* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.6 Testing Services (Cont'd)(B) Special Access (Cont'd)(2) Nonscheduled Testing (NST)

<u>Testing Periods</u>	<u>USOC</u>	<u>First Half Hour or Fraction Thereof</u>	<u>Each Additional Half Hour or Fraction Thereof</u>
Basic Time, normally scheduled work- ing hours, per technician			
- New York/Connecticut	SNOXT	\$44.14	\$19.29
- All other states	SNOX+	48.13	12.43
Overtime, outside of normally scheduled working hours on a scheduled work day, per technician			
- New York/Connecticut	SNOXT	49.31*	23.06*
- All other states	SNOX+	51.96*	16.26*
Premium Time, outside of scheduled work day, per technician			
- New York/Connecticut	SNOXT	55.94*	27.86*
- All other states	SNOX+	55.79*	20.09*

\* A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.7 Provision of Access Service Billing

	<u>USOC</u>	<u>Rates</u>
Additional copies of the customer's monthly bill		
- in standard paper format, per page	AED	
- New York/Connecticut		\$ 0.24
- All other states		0.35
- on CD-ROM, per disc	RM8	28.00
- in magnetic tape format, per tape	DMT	
- New York/Connecticut		31.92
- All other states		41.00
per record	VRD	
- New York/Connecticut		0.0029
- All other states		0.0014
- via electronic data transmission, per record	NMJ	0.0005

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.8 Protective Connecting Arrangements\*

<u>Description</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
Automatic PCA with a contact type signaling interface for 2 or 4-wire voice-grade connections of CPE communications systems to Telephone Company Special Access Services.	CDQ	ICB rates and charges apply.	
Automatic PCA for connection of a customer, authorized user or joint user provided communications system arranged for CPE dial or automatic channel signaling, to a Telephone Company Special Access Service.	C234W	ICB rates and charges apply.	
PCA which provides for connection of CPE automatic telephone answering devices to Telephone Company Access Services by means of a 2-wire interface.	PA6++	ICB rates and charges apply.	
PCA for connection of CPE answering or recording equipment to Telephone Company Access Services, for one-way voice transmission in each direction but not simultaneously. Recording of two-way conversations is prevented, by the PCA.	RDL	ICB rates and charges apply.	

\* Verizon New York Inc. only.

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.8 Protective Connecting Arrangements\* (Cont'd)

<u>Description</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
PCA for use with CPE answer only equipment where two-way transmission is required.	PFZ++	ICB rates and charges apply.	
Same application as PFZ++ with voice control disconnect and automatic receive volume limiting.	PF9++	ICB rates and charges apply.	
PCA for use with CPE to provide data on PBX trunks. Also requires standard PBX trunk PCA.	PGA++	ICB rates and charges apply.	
PCA to permit connection of CPE message registers to Telephone Company Switched Access Service for indications of message registration for outgoing calls over the associated central office trunks.	PGB++	ICB rates and charges apply.	
Alarm coupler for use with rotary dial, one-way transmission CPE alarm signaling device.	PGH++	ICB rates and charges apply.	

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.8 Protective Connecting Arrangements\* (Cont'd)

<u>Description</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
PCA to permit the connection of CPE to Telephone Company Switched Access Service arranged for 2-way service, i.e., outward dialing by hotel/motel guests and re-ring by the operator of the IC long distance switchboard (the equivalent of a toll terminal).	PDA++	ICB rates and charges apply.	
For termination of CPE tie lines, with CPE channel signaling, in Centrex systems 4-wire.	C2H	ICB rates and charges apply.	
PCA used for automatic connection of CPE voice transmitting and/or receiving terminal equipment to Telephone Company Switched Access Service.	C2ACP	\$7.92	\$104.90
PCA to provide for connection of CPE terminal equipment to Telephone Company Switched Access Service via 3-wire interface.	PDJ++	ICB rates and charges apply.	

\* Verizon New York Inc. only.

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.8 Protective Connecting Arrangements\* (Cont'd)

<u>Description</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
PCA for connection of CPE voice communications systems and/or terminal equipment via 2-wire interface to Telephone Company Switched Access Service (only loop start trunks not equipped for toll diversion).	PDK++	ICB rates and charges apply.	
Manual PCA used to connect a cord switchboard position of a CPE system, which provides supervisory signals, to Telephone Company Switched Access Service.	PDQ++	ICB rates and charges apply.	
Automatic PCA used to connect Telephone Company Switched Access Service arranged for two-way combination service to and from the attendant position and from the dial switching equipment of a CPE system.	CDH	\$8.75	\$82.43
Automatic PCA used to connect Telephone Company Switched Access Service arranged for one-way incoming service to the attendant position of a CPE system.	PDV++	ICB rates and charges apply.	
Automatic PCA used to connect Telephone Company Switched Access Service arranged for one-way outgoing service from the attendant position of a CPE system.	PDZ++	ICB rates and charges apply.	

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.8 Protective Connecting Arrangements\* (Cont'd)

<u>Description</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
Automatic PCA used to connect Telephone Company Switched Access Service arranged for one-way outgoing service from the dial switching equipment of a CPE system.	PFA++	ICB rates and charges apply.	
Automatic PCA used to connect Telephone Company Switched Access Service arranged for two-way service to and from the attendant position of a CPE system.	CD9	\$6.50	\$ 77.79
PCA used for automatic connection of CPE voice transmitting and/or receiving terminal equipment bridged to Telephone Company Switched Access Service.	C2AKS	8.32	149.01
Automatic PCA used to connect Telephone Company Switched Access Service, arranged for one-way service, i.e., outward dialing by hotel/motel guests to the operator position (the equivalent of a toll terminal).	PFV++	ICB rates and charges apply.	
PCA to provide for connection of CPE originate only or original and answer terminal equipment.	PFW++	ICB rates and charges apply.	

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## ACCESS SERVICE

## 31. The Verizon Telephone Companies Rates Charges (Cont'd)

31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)31.13.9 Controller Arrangement

	<u>USOC</u>	<u>Monthly Rate</u>
Controller Arrangement, each	XTDDU	
- New York/Connecticut		\$94.19
- All other states		ICB rates and charges apply.

31.13.10 Wiring/Line Investigation\*

	<u>USOC</u>	<u>Nonrecurring Charge</u>
Wiring/Line Investigation, per investigation	WLN	\$101.00

31.13.11 Fire Retardant Cable\*\*

2 pair per 25 ft. or fraction	TEW02	5.04
4 pair per 25 ft. or fraction	TEW04	4.03
25 pair per 25 ft. or fraction	TEW25	20.17
50 pair per 25 ft. or fraction	TEW50	60.52
75 pair per 25 ft. or fraction	TEW75	95.82
100 pair per 25 ft. or fraction	TEWAX	110.95

31.13.12 Public Access Line Optional Features

	<u>USOC</u>	<u>Monthly Rate</u>
-PAL Line Side Answer Supervision, per public access line	(NOTE)	\$1.68
-PAL Direct Dial Screening per public access line	(NOTE)	2.72
-PAL Operator Number Screening per public access line	(NOTE)	0.00
-PAL Terminating (Billed) Number Screening, per public access line	(NOTE)	0.00

\* Verizon New England Inc. only.

\*\* Verizon New York Inc. only.

ICB rates and charges are filed in 31.7.14 preceding.

(NOTE) USOC to be assigned at a later date.

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)

## 31.13 Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

31.13.13 Service Provider Number Portability

	Rate per Query
SPNP Query	
-Tandem	\$0.000926
-End Office	0.000926
SPNP Database Query	0.000648
	Nonrecurring <u>Charge</u>
SPNP Service Activation and/or Rearrangement	\$102.35
	<u>Monthly Charge</u>
SPNP Surcharge*	
-Per Line	\$0.23
-Per PBX Trunk	2.07
-Per ISDN PRI	1.15

\* To be recovered over 60 months commencing March 17, 1999, and ending March 16, 2004.

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.13 Additional Engineering. Additional Labor and Miscellaneous Services (Cont'd)31.13.14 Billing Name and Address (BNA) Service

	<u>USOC</u>	<u>Rates</u>
<u>Manual</u>		
Service Establishment Charge		
- Without DTN capability	BNYXX	\$1,595.55
- With DTN capability	BNYTX	1,595.55

Per telephone number or DTN by

- Verbal request		0.58
- Written request		0.58

Mechanized

Service Establishment Charge	BNYMX	1,595.55
- Per message processed		0.06
Additional Tape Charge		48.50

31.13.15 ISP Traffic Origination Service

	<u>Rate</u>
Interconnection Charge, per minute, per call	\$0.008 per minute, per call
Alternative Interconnection Charge,	the actual delivery charge as described in Section 13.3.13 preceding

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.14 Exceptions to Access Service Offerings

There are no rates and charges in Section 14.

31.15 Operating Territory

There are no rates and charges in Section 15.

31.16 Equal Access Cost Recovery

	<u>USOC</u>	<u>Monthly Rate</u>
Per equal access line	NCY	\$0.000000

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service31.17.1 INFOPATH Packet Switching Service - Synchronous

Rates and charges as specified in 31.7 of this tariff apply, as appropriate, for each channel connected to an access concentrator or packet switch. The technical specifications are defined under optional features in Section 7. for channels provided to the port connections.

In addition to the charges specified following, the general regulations and charges specified in other sections of this tariff apply, as appropriate.

(A) Access Concentrator Port Connections (Low to Medium Throughput)

Rates and charges include central office equipment at the Access Concentrator, one logical channel and one network address. In addition, in the Verizon New York Inc. operating territory, the service requires a Voice Grade Channel as specified in Section 7. between the customer premises and the Access Concentrator; and in the Verizon New England Inc. operating territory, a Voice Grade or DIGIPATH digital service II (DDS II) Channel as specified in Section 7. between the customer premises and the Access Concentrator and a Central Office Interface as specified in (3) following.

(1) X.25 Port - New York/Connecticut  
Per port connected for transmission speeds of:

	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>
- 1.2 kbps	WHH++	None	ICB
- 2.4 kbps	WHH++	None	ICB

(2) X.25 and X.75 Port - All Other States

Per port connected for transmission speeds of:

	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>
- 1.2 kbps	LDZ12	\$55.00	\$34.00
- 2.4 kbps	LDZ24	55.00	34.00
- 4.8 kbps	LDZ48	55.00	34.00
- 9.6 kbps	LDZ96	55.00	34.00

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.1 INFOPATH Packet Switching Service - Synchronous (Cont'd)(A) Access Concentrator Port Connections (Low to Medium Throughput)  
(Cont'd)(3) Central Office Interfaces\*(a) Voice Grade Interfaces,  
each, for speeds of:

	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>
- 1.2 kbps	MOD1X	\$30.00	\$45.00
- 2.4 kbps	MOD2X	30.00	60.00
- 4.8 kbps	MOD4X	30.00	75.00
- 9.6 kbps	MOD9X	30.00	95.00

(b) DIGIPATH digital service  
II (DDS II) Interface,  
each, for speeds up to:

- 9.6 kbps	LLN9E	33.74	25.00
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(B) Interface Option Change Charge

In the Verizon New York Inc. operating territory, a nonrecurring charge applies as specified in 31.17.1(F) following to change the type of Central Office Interface.

In the Verizon New England Inc. operating territory, a nonrecurring charge applies as specified in 31.17.1(F) following to change the type of Central Office Interface subsequent to the initial installation of the service.

\* Rates and charges apply in Verizon New England Inc. only.

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.1 INFOPATH Packet Switching Service - Synchronous (Cont'd)(C) Packet Switch Port Connections (High Throughput)

In the Verizon New York Inc. operating territory, rates and charges include central office equipment at the packet switch, the appropriate interface arrangements and the first network address. The port change also includes 127 logical channels per port at 9.6 kbps and 511 logical channels per port at 56.0 kbps. The service requires Digital Data Service Channel as specified in Section 7. from the customer location to the packet switch at data rates of 9.6 or 56.0 kilobits per second.

In the Verizon New England Inc. operating territory, rates and charges include central office equipment at the packet switch, the appropriate interface arrangements, the first network address and one logical channel. In addition, the service requires a Voice Grade, Digital Data Service or DIGIPATH digital service II (DDS II) Channel as specified in Section 7. from the customer location to the packet switch at data rates of 9.6 or 56.0 kilobits per second.

(1) X.25 Port Access

Per port connected for  
transmission speeds of:

	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>
New York/Connecticut			
- 9.6 kbps	WHJ++	None	\$325.00
- 56.0 kbps	WHM++	None	475.00
All other states			
- 9.6 kbps	LDD96	\$40.00	275.00
- 56.0 kbps	LDD56	40.00	400.00

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.1 INFOPATH Packet Switching Service - Synchronous (Cont'd)(C) Packet Switch Port Connections (High Throughput) (Cont'd)(2) X.75 Port Access

Per port connected for  
transmission speeds of:

New York/Connecticut

- 9.6 kbps	WHJ++	None	325.00
- 56.0 kbps	WHM++	None	475.00
All other states			
- 9.6 kbps	LDD97	40.00	275.00
- 56.0 kbps	LDD57	40.00	400.00

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.1 INFOPATH Packet Switching Service - Synchronous (Cont'd)(D) Network Usage

Usage charges are based on calls originated to network addresses in the serving area. A charge applies for call set-up and for packets transmitted during virtual connection. Call set-up and packets are accumulated and billed on a monthly basis.

<u>Call Set-Up</u>	<u>Rate</u>
(1) New York/Connecticut - packet, each	\$0.0125
(2) All other states - per call	
Day rate (8:00 AM - 5:00 PM)	\$0.02
Evening Rate (5:00 PM - 11:00 PM)	0.01
Night Rate (11:00 PM - 8:00 AM)	0.01

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.1 INFOPATH Packet Switching Service - Synchronous (Cont'd)(D) Network Usage (Cont'd)(2) Packet Transport Data Packets,  
per kilopacket

## (a) Up to 2500 kilopackets, each

	<u>Rates</u>
- New York/Connecticut	\$0.90
- All other states	
Day Rate (8:00 AM - 5:00 PM)	\$0.7000
Evening Rate (5:00 PM - 11:00 PM)	0.6500
Night Rate (11:00 PM - 8:00 AM)	0.6000

## (b) From 2501 to 10,000 kilopackets, each

- New York/Connecticut	\$0.85
- All other states	
Day Rate (8:00 AM - 5:00 PM)	\$0.6650
Evening Rate (5:00 PM - 11:00 PM)	0.6175
Night Rate (11:00 PM - 8:00 AM)	0.5700

## (c) Over 10,000 kilopackets, each

- New York/Connecticut	\$0.70
Day Rate (8:00 AM - 5:00 PM)	\$0.6300
Evening Rate (5:00 PM - 11:00 PM)	0.5850
Night Rate (11:00 PM - 8:00 AM)	0.5400

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.1 INFOPATH Packet Switching Service - Synchronous (Cont'd)(E) Optional Features

	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>
(1) Additional Logical Channel, each			
- New York/Connecticut	WHH++	*	ICB
- All other states	LD9AL	*	\$ 0.50
(2) Closed User Group per network address, per group member			
- New York/Connecticut	LDJ	*	5.00
- All other states	LDJ	*	2.50
(3) Multiple Network Address per group of 10 data terminal numbers, each			
- New York/Connecticut			
- First Group (Addresses 2 through 10)	LDQ	*	10.00
- Additional Groups (Addresses 11 through 100)**	LDQAX	*	50.00
- All other states	LDQ	*	10.00
(4) Permanent Virtual Circuit (PVC), each			
- New York/Connecticut	LDV	*	15.00
- All other states	LDV	*	10.00

\* A nonrecurring charge is not applicable when optional features are ordered in conjunction with the initial INFOPATH packet switching service. When ordered subsequent to the initial INFOPATH packet switching services, charges apply as set forth in (F) following).

\*\* Verizon New York Inc. only.

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Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.7.1 INFOPATH Packet Switching Service - Synchronous (Cont'd)(E) Optional Features (Cont'd)

## (5) Call Detail #

	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>
(a) Magnetic Tape Format, per tape #	MAJ1T	*	\$100.00**
(b) Print Format, per bill #	MAJ1P	*	2.00**
(6) Fast Select Accept/Request, per call requested #			

	<u>Nonrecurring Charges</u>	<u>Rates</u>
Day Rate (8:00 AM - 5:00 PM)	None	\$0.0205
Evening Rate (5:00 - 11:00 PM)	None	0.0104
Night Rate (11:00 PM - 8:00 AM)	None	0.0103

	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Rates</u>
(7) Call Redirection			
- New York/Connecticut, per additional location		\$20.00	\$ 5.00
- All other states, each	LRD	*	10.00
(8) Abbreviated Addressing, each #	LJE	*	5.00

# Verizon New England Inc. only.

\* A nonrecurring charge is not applicable when optional features are ordered in conjunction with the initial INFOPATH packet switching service. When ordered subsequent to the initial INFOPATH packet switching service, charges apply as set forth in (F) following.

\*\* Call detail may also be provided on a per request basis at the same rates per request.

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.1 INFOPATH Packet Switching Service - Synchronous (Cont'd)

- (F) Optional Features or Interface Option Charges when installed subsequent to initial INFOPATH packet switching service.

When optional features or interface changes are requested subsequent to the initial INFOPATH packet switching service order, one or more optional features per port may be included, per service order for the one nonrecurring charge.

	<u>USOC</u>	<u>Nonrecurring Charges</u>
Optional Feature or Interface Option Change Charge	X25	\$25.00
(G) <u>Move and Change Charges</u>		

Rates and charges as specified in Section 7. apply, as appropriate.

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.2 INFOPATH Packet Switching Service - Asynchronous(A) Network Usage Charges Optional Features

Network usage charges are based on calls originating over the INFOPATH packet switching service to the network addresses in the serving area. Asynchronous charges consist of:

- Call Set-up (as specified in 31.17.1(D)(1) preceding);
- Packets Transported (as specified in 31.17.1(D)(2) preceding);
- A Service Usage Charge, (as specified in 31.17.2(C) following), when access to the INFOPATH packet switching service network is via public dial.

In addition, general regulations and charges specified in other sections of this tariff apply, as appropriate.

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.2 INFOPATH Packet Switching Service - Asynchronous (Cont'd)(B) Access Concentrator Port Connections (Low to Medium Throughput)

Rates and charges for Public and Private Dial access include central office equipment at the Access Concentrator. The Asynchronous Dedicated Port Connection requires a Voice Grade Channel as specified in Section 7. from the customer location to the Access Concentrator and an Interface as specified in 17.2.1(A)(2) preceding.

(1) Public Dial Access

	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>
Rates and charges apply as shown in (C) following	-	-	-

(2) Private Dial Access  
(Includes Central Office Modem)

<u>New York/Connecticut</u> Service Establishment Charge, per port	-	\$150.00	None
Option I, per port	LL512	None	\$85.00
	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>
Option II, per minute, (monthly minimum charge is \$75.00 per port)	-	None	\$ 0.02
	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Usage Rates</u>
<u>All other states</u> For transmission speeds up to 2.4 kbps, each	PD61P*	\$78.16	\$62.00
For transmission speeds up to 9.6 kbps, each	PD61Q	78.16	95.00

\* When the Private Dial-Out Access Port Connection is ordered, the USOC PD90P is used in lieu of PD61P.

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Service (Cont'd)31.17.2 INFOPATH Packet Switching Service - Asynchronous (Cont'd)(B) Access Concentrator Port Connections (Low to Medium Throughput)  
(Cont'd)(3) Dedicated Dial Access

Per port,  
for transmission speeds of:

Monthly	Nonrecurring		
	<u>USOC</u>	<u>Charges</u>	<u>Rates</u>
- <u>New York/Connecticut</u> Medium Throughput		ICB	ICB
- <u>All other states</u>			
- 1.2 kbps	LPP12	\$55.00	\$26.00
- 2.4 kbps	LPP24	55.00	26.00
- 4.8 kbps	LPP48	55.00	26.00
- 9.6 kbps	LPP96	55.00	26.00
(C) <u>Public Dial Access INFOPATH Service Usage</u>			
Usage, per minute		-	<u>Rate</u> \$ 0.01
Packet Network Identification Number, per block of 5 numbers monthly*		\$125.00	25.00

\* Verizon New York Inc. only.

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Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.2 INFOPATH Packet Switching Service - Asynchronous (Cont'd)(D) Optional Features

	<u>USOC</u>	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>
(1) Network User Identifier Codes (NUI) with Private Dialed Ports*			
(a) includes storage in one access concentrator, each	LOG	None	\$0.25
(b) includes storage in one access concentrator, each	LOGAX	None	0.50
(c) Auto-Connect NUI, each	LJP	None	0.50

(E) Optional Feature or Interface  
Option Change Charge, when  
installed subsequent to initial  
INFOPATH Packet Switching Service

Charges apply as shown in  
31.17.1(F) preceding

(F) Move and Change Charges

Rates and charges as specified in Section 7. apply, as  
appropriate.

31.17.3 INFOPATH Packet Switching Service Feature-Based Payment Option\*(A) System-Specific Rate Schedules

The following will contain the individual system-specific rates  
and charges and terms and conditions applicable to each INFOPATH  
packet switching service customer.

31.17.4 Reserved for Future Use31.17.5 Reserved for Future Use

\* Verizon New England Inc. only.

(TR 24)

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Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.6 IP (Internet Protocol) Routing Service

<u>Port Category</u>	<u>USOC</u>	<u>Monthly Rate Per Port</u>	<u>Nonrecurring Charge</u>
(A) Dial-up Port			
<u>Month-to-Month</u>			
Up to 75,500 Ports	PRLA6	\$56.00	\$35.00
Over 75,500 Ports		See 17.5.4 (H) preceding	
<u>3-year Term</u>			
Up to 9,660 Ports	PRLJ2	39.00.	0.00
Up to 16,100 Ports	PRLJ3	38.00.	0.00
Up to 32,200 Ports	PRLJ4	37.00	0.00
Up to 48,300 Ports	PRLJ5	36.00	0.00
Up to 64,400 Ports	PRLJ6	34.00	0.00
Up to 75,500 Ports	PRLJ8	32.00	0.00
Over 75,500 Ports		See 17.5.4 (H) preceding	
<u>5-year Term</u>			
Up to 9,660 Ports	PRLQ2	36.00	0.00
Up to 16,100 Ports	PRLQ3	35.00	0.00
Up to 32,200 Ports	PRLQ4	34.00	0.00
Up to 48,300 Ports	PRLQ5	33.00	0.00
Up to 64,400 Ports	PRLQ6	31.00	0.00
Up to 75,500 Ports	PRLQ8	29.00	0.00
Over 75,500 Ports		See 17.5.4 (H) preceding	

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.6 IP (Internet Protocol) Routing Service (Cont'd)

<u>Port Category</u>	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(B) DS-1 (1.544 Mbps)*				(C)
Month-to-Month	PRL1X	\$175.00	\$200.00	
3-year Term	PRLPX	165.00	0.00	
5-year Term	PRLVX	150.00	0.00	

CSM Reports(C) IPRS Networks of  
200 IPRS Ports or less

Per User	F5R1R	\$50.00	\$100.00
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(D) IPRS Networks of greater  
than 200 IPRS Ports

Per User	F5R2R	350.00	500.00
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\* Effective September 15, 2001, the IPRS DS1/1.544 Mbps Port will no longer be available for new service requests.

(N)  
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(N)

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Issued: August 31, 2001

Effective: September 15, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.17 Packet Switching Access Service (Cont'd)31.17.6 IP (Internet Protocol) Routing Service (Cont'd)

<u>Non-chargeable Optional Features</u>	<u>USOC</u>	<u>Monthly Rate</u>
(E) Single Number Routing Feature Per Customer	NS01X	None
(F) Ten-Digit Number Trigger Per Customer	TGRAR	None

31.18 Reserved for Future Use

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Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.19 NYNEX Enterprise Network Reconfiguration Service31.19.1 Network Controller and SPOC Access

		Monthly	Nonrecurring
	USOC	Rate	Charge
(A) Dial-Up Termination*, each	D2GDU	\$25.39 (R)	\$95.00
(B) Voice Grade Termination*, each			
- New York/Connecticut	DWTVX	34.18 (R)	95.00
- All other states	D2GV1	34.18 (R)	95.00
(C) DDS II Termination*, each	D2GT6	18.55 (R)	95.00
(D) DOVPATH Termination*, each	D2GTO	18.55 (R)	95.00
(E) Attendant Termination*, each	D2GAA	224.60 (R)	72.00
(F) Enterprise SPOC Access			
-Requested Reconfiguration	RS7RR	116.25 (R)	None
-Scheduled Reconfiguration	RS7SR	93.00 (R)	None
-Emergency Reconfiguration	RS7ER	279.00 (R)	None
-Standby Circuit Reconfiguration#	RS7ES	139.50 (R)	None

31.19.2 Network Access Ports

(A) 1.544 Mbps*, each	D1J	122.06 (R)	30.00
(B) Voice Grade*, each			
- New York/Connecticut	D2GVX	16.60 (R)	34.00
- All other states	DV5	19.53 (R)	34.00
(C) DDS II*, each	DWT64	17.58 (R)	30.00
(D) 44.736 Mbps High Capacity*			
- 3/1/0 Reconfiguration, each	D3Z3D	1,406.16 (R)	None
(E) NYNEX Enterprise DS0**, each	NR7AX	4.03 (R)	None
(F) NYNEX Enterprise FDS1, each	NR7CX	103.82	None
(G) NYNEX Enterprise DS1, each	NR7EX	103.82	None
(H) NYNEX Enterprise Standby DS1#, each	NR7GX	62.29	None
(I) NYNEX Enterprise DS3, each	NR7JX	250.00	None
(J) NYNEX Enterprise Standby DS3#, each	NR7LX	150.00	None

\* Not available with NYNEX Enterprise Services.

\*\* Use for NES SDA and NES Voice.

# For use with Standby Circuit Optional Feature only as set forth in Section 7.2.13(F)(5)(b) preceding.

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Issued: June 18, 2001

Effective: July 3, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.19 NYNEX Enterprise Network Reconfiguration Service31.19.3 Optional Features

## (A) Automatic Reconfiguration\*

## - System Establishment

Charge, per NRS System

NRBNE

459.00

31.19.4 Nonrecurring Charge LiabilityLiability  
Charge44.736 Mbps High Capacity Network  
Access Port, per month remaining in  
the nonrecurring charge recovery  
period.

- New York/Connecticut

TUA3X

\$68.00

- All other states

TUA3X

72.58

\* Not available with NYNEX Enterprise Services.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.20 NYNEX Electronic White Pages Service31.20.1 INFOPATH packet switching Service

Rates and charges for INFOPATH packet switching service as set forth in 31.17 preceding, will apply in addition to charges for NYNEX Electronic White Pages.

31.20.2 NYNEX Electronic White Pages Services

## (A) Nonrecurring Charges

	<u>USOC</u>	<u>Rate</u>
(1) Service Establishment Charge	1DV1X	\$2,611.80
(2) Additional User ID Charge - Per User ID	1DVAX	6.29

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.20 NYNEX Electronic White Pages Service (Cont'd)31.20.2 NYNEX Electronic White Pages Service (Cont'd)

## (B) Usage Rates

## (1) Screen Charge

	<u>USOC</u>	<u>Rate</u>
- Per Screen		
- New York/Connecticut		\$ 0.070000
- All other states		0.070000

## (2) System Usage Charge

- Per Minute of Use	0.000000
---------------------	----------

## (3) Per Record Charge

- Per Record	0.00
--------------	------

## (C) Monthly Rates

## User Activity Data Report

## (1) Electronic Transmission Processing

(a) Monthly	RTUEM	25.20
(b) Semi Monthly	RTUES	50.40
(c) Weekly	RTUEW	75.60

## (2) Magnetic Tape Processing

(a) Monthly	RTUMM	34.94
(b) Semi Monthly	RTUMS	69.89
(c) Weekly	RTUMW	139.78

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.21 LIDB Access Service31.21.1 Nonrecurring Charge

LIDB Service Establishment Charge

	<u>USOC</u>	<u>Charge</u>
- Per Originating Point Code	NRBLB	\$98.00

31.21.2 Recurring Rates

## (A) LIDB Transport Charge

Rate

- Per LIDB Service Application Query	\$0.000740
--------------------------------------	------------

## (B) Validation Service Charge

- Per Query	0.038400 (I)
-------------	--------------

## (C) OLNS Service Charge

- Per Query	0.012300
-------------	----------

31.22 Alert Transport Service Basic Serving Arrangement31.22.1 Dedicated Link

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Termination	TNJOX	\$59.00	\$168.49
(B) Channel Mileage	ILF1W		
- Fixed		35.42 (I)	None
- Per Mile		4.03	None

31.22.2 Port Access

- Per Port	PAK	103.82	1000.00
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Issued: June 18, 2001

Effective: July 3, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.23 NYNEX Enterprise Service Fiber Distributed Data Interface\*31.23.1 Channel Termination

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
- per point of termination			
Non-Discounted	HKTGX	\$1,044.00	None
Rate Stability (base)	HKTHX	1,044.00	None

31.23.2 Channel Mileage

		<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
<u>Serving Wire Center to Hub</u>			
Non-Discounted	1HX3S	None	\$171.00
Rate Stability (base)	1HX4S	None	171.00
<u>Hub to Hub</u>			
<u>0 Mile</u>			
Non-Discounted	1T53S	\$423.00	None
Rate Stability (base)	1T54S	423.00	None
<u>Over 0 Miles</u>			
- Single Connection			
Non-Discounted	FQYCX	423.00	171.00
Rate Stability (base)	FQYDX	423.00	171.00
- Protected Connection			
Non-Discounted	1T57S	423.00	341.00
Rate Stability (base)	1T59S	423.00	341.00

31.23.3 Optional Features and Functions

		<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
- Loop Diversity *	DVDHX	\$104.00	None
- Route Diversity *	ALVHX	157.00	None

\* Rate applies in addition to the associated Channel Termination and when applicable, Channel Mileage rates and charges.

\* Effective November 3, 2000, NES FDDI is no longer to new subscribers.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 200131.24.1 Voice Grade Service

- (A) Channel Termination
- 
- Per point of termination

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
- Two Wire	TYFY2	\$27.18	\$1.00
- Four Wire	TYFY4	44.72	1.00

- (B) Channel Mileage
- 
- Over 0 Mileage Band

	<u>USOC</u>	<u>Monthly Rate</u>
Fixed	1YWNS	\$26.24
Per Mile	1YWNS	3.05

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)31.24.2 DIGIPATH digital service II (DDSII)

- (A) Channel Termination  
- Per point of termination

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
				(D)
DIGIPATH DDSII Channel Termination	TYFZ2	\$60.80	\$1.00	(N)
4-wire**	TYFZ4	60.80	1.00	(T)

- (B) Channel Mileage  
Over 0 Mileage Band

	<u>USOC</u>	<u>Monthly Rate</u>
Fixed	1YWOS	\$26.27
Per Mile	1YWOS	1.64

\*\* Effective September 1, 2001, the service associated with this USOC will no longer be available for new service requests, however, the Telephone Company may still use the USOC in instances where the TYFZ2 USOC can not be used.

(C)  
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(C)

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Issued: August 17, 2001

Effective: September 1, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)31.24.3 High Capacity Services

(A) 1.544 Mbps (DS1)

- (1) Channel Termination
- 
- Per point of termination

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Channel Termination	TYF1X	\$147.42	\$1.00

- (2) Channel Mileage
- 
- Over 0 Mileage Band

	<u>USOC</u>	<u>Monthly Rate</u>
Fixed	1YWPS	\$49.00
Per Mile	1YWPS	14.70

- (3) Multiplexing Optional Feature,
- 
- Per arrangement

	<u>USOC</u>	<u>Monthly Rate</u>
DS1 to Voice	MKB6X	\$138.60
DS1 to DS0	MQ6	138.60

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)31.24.3 High Capacity Services (Cont'd)

(B) 44.736 Mbps (DS3)

(1) Channel Termination  
- Per point of termination

<u># DS3 CTs Counted</u>	<u>USOC</u>	<u>Monthly Rate, Per CT</u>	<u>Nonrecurring Charge</u>
1	TYF3X	\$1,410.00	\$1.00
2	TYF3X	1,175.00	1.00
3	TYF3X	846.00	1.00
4	TYF3X	799.00	1.00
5	TYF3X	775.50	1.00
6	TYF3X	752.00	1.00
7	TYF3X	728.50	1.00
8	TYF3X	705.00	1.00
9	TYF3X	681.50	1.00
10	TYF3X	658.00	1.00
11	TYF3X	634.50	1.00
12	TYF3X	611.00	1.00
13	TYF3X	709.70	1.00
14	TYF3X	700.30	1.00
15	TYF3X	690.90	1.00
16	TYF3X	681.50	1.00
17	TYF3X	672.10	1.00
18	TYF3X	662.70	1.00
19	TYF3X	653.30	1.00
20	TYF3X	643.90	1.00
21	TYF3X	634.50	1.00
22	TYF3X	625.10	1.00
23	TYF3X	615.70	1.00
24	TYF3X	611.00	1.00
25 and Over	TYF3X	752.00	1.00
Per DS3 CT at each Secondary Premises	TYF3S	\$1,175.00	1.00

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)31.24.3 High Capacity Services (Cont'd)

(B) 44.736 Mbps (DS3)

(2) Channel Mileage  
Over 0 Mileage Band

	<u>USOC</u>	<u>Monthly Rate</u>
Fixed	1YWQS	\$606.30
Per Mile	1YWQS	89.30

(3) Multiplexing Optional Feature,  
Per arrangement

	<u>USOC</u>	<u>Monthly Rate</u>
DS3 to DS1	M5MXX	\$399.50

(TR 24)

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)31.24.4 Intellilight Shared Assurance Network (ISAN)

## (A) ISAN NAP Entrance Rings

- (1) STS-3 Channels,
- 
- Per STS-3 termination

# of STS-3 Channels	USOC	Monthly Rate Single NAP	USOC	Monthly Rate Dual NAP	
1 - 4 Channels	NEESG	\$2,700.00	NEEDG	\$3,600.00	
5 Channels	NEESG	2,500.00	NEEDG	3,000.00	
6 Channels	NEESG	2,200.00	NEEDG	2,670.00	
7 Channels	NEESG	2,020.00	NEEDG	2,560.00	
8 Channels	NEESG	1,930.00	NEEDG	2,485.00	
9 Channels	NEESG	1,865.00	NEEDG	2,300.00	
10 Channels	NEESG	1,815.00	NEEDG	2,225.00	
11 Channels	NEESG	1,775.00	NEEDG	2,175.00	
12 Channels	NEESG	1,735.00	NEEDG	2,110.00	
13 Channels	NEESG	1,695.00	NEEDG	2,050.00	
14 Channels	NEESG	1,655.00	NEEDG	1,995.00	
15 Channels	NEESG	1,620.00	NEEDG	1,930.00	
16 Channels	NEESG	1,585.00	NEEDG	1,895.00	
17 Channels	NEESG	1,585.00	NEEDG	1,825.00	
18 Channels	NEESG	1,585.00	NEEDG	1,825.00	
19 Channels	NEESG	1,585.00	NEEDG	1,825.00	
20 Channels	NEESG	1,585.00	NEEDG	1,825.00	
21 Channels	NEESG	1,535.00	NEEDG	1,760.00	
22 Channels	NEESG	1,535.00	NEEDG	1,760.00	
23 Channels	NEESG	1,535.00	NEEDG	1,760.00	
24 Channels	NEESG	1,535.00	NEEDG	1,760.00	
25 Channels	NEESG	1,450.00	NEEDG	1,695.00	
26 Channels	NEESG	1,450.00	NEEDG	1,695.00	
27 Channels	NEESG	1,450.00	NEEDG	1,695.00	
28 Channels	NEESG	1,450.00	NEEDG	1,695.00	
29 Channels and over	NEESG	1,320.00	NEEDG	1,640.00	

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)

## 31.24.4 Intellilight Shared Assurance Network (ISAN)

## (A) ISAN NAP Entrance Rings (Cont'd)

## (2) NAP Entrance Ring Mileage

	<u>USOC</u>	<u>Monthly Rate</u>
Up to 10 airline miles in entrance ring's circumference	1YWRS	None
Over 10 airline miles in entrance ring's circumference, per mile in excess of 10 airline miles, per group of 16 STS-3s	1YWRS	\$700.00

(TR 24)

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)31.24.4 Intellilight Shared Assurance Network (ISAN) (Cont'd)

## (B) ISAN Transport Services

## (1) DS1 Transport Channels, each

		Monthly Rate			
	USOC	<u>0 to 5 miles</u>	<u>6 to 9 miles</u>	10 miles + over	
Basic On-Net	TC8F2	\$220.00	\$285.00	\$390.00	
Basic Off-Net	TC8F3	230.00	310.00	420.00	
Basic to DS1 Hub	TC8G5	95.00	150.00	260.00	

## (2) DS3 Transport Channels, each

		Monthly Rate			
	USOC	<u>0 to 5 miles</u>	<u>6 to 9 miles</u>	10 miles + over	
Basic On-Net	TC8H2	\$1,575.00	\$2,150.00	\$3,050.00	
Basic Off-Net	TC8H3	1,700.00	2,375.00	3,325.00	

## (3) OC-3/OC-3C Transport Channels (4 wire), each

		Monthly Rate			
	USOC	<u>0 to 5 miles</u>	<u>6 to 9 miles</u>	10 miles + over	
Basic On-Net	TC8J2	\$5,130.00	\$7,220.00	\$9,500.00	
Basic Off-Net	TC8J3	4,850.00	6,950.00	9,300.00	

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)

## 31.24.5 IntelliLight Entrance Facility (IEF)

## (A) Special Access Transport\*

(1) Terminations**, per STS1/51.84 Mbps Termination	USOC	Monthly Rate	Nonrecurring Charge
1	TYF4X	\$1,530.00	\$1.00
2	TYF4X	1,530.00	1.00
3	TYF4X	1,156.00	1.00
4	TYF4X	648.00	1.00
5	TYF4X	558.00	1.00
6	TYF4X	486.00	1.00
7	TYF4X	434.00	1.00
8	TYF4X	396.00	1.00
9	TYF4X	366.00	1.00
10	TYF4X	342.00	1.00
11	TYF4X	358.00	1.00
12	TYF4X	340.00	1.00
13	TYF4X	338.00	1.00
14	TYF4X	336.00	1.00
15	TYF4X	334.00	1.00
16	TYF4X	332.00	1.00
17	TYF4X	330.00	1.00
18	TYF4X	328.00	1.00
19	TYF4X	326.00	1.00
20	TYF4X	324.00	1.00
21	TYF4X	322.00	1.00
22	TYF4X	320.00	1.00
23	TYF4X	318.00	1.00
24	TYF4X	316.00	1.00

\* Rates are applicable in all Price Density Zones.

\*\* Interface sold separately.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)

## 31.24.5 IntelliLight Entrance Facility (IEF) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(1) Terminations**, per STS1/51.84 Mbps Termination	USOC	Monthly Rate	Nonrecurring Charge
25	TYF4X	\$314.00	\$1.00
26	TYF4X	312.00	1.00
17	TYF4X	310.00	1.00
28	TYF4X	308.00	1.00
29	TYF4X	306.00	1.00
30	TYF4X	304.00	1.00
31	TYF4X	302.00	1.00
32	TYF4X	300.00	1.00
33	TYF4X	298.00	1.00
34	TYF4X	296.00	1.00
35	TYF4X	294.00	1.00
36	TYF4X	292.00	1.00
37	TYF4X	290.00	1.00
38	TYF4X	288.00	1.00
39	TYF4X	284.00	1.00
40	TYF4X	280.00	1.00
41	TYF4X	275.00	1.00
42	TYF4X	270.00	1.00
43	TYF4X	265.00	1.00
44	TYF4X	260.00	1.00
45	TYF4X	255.00	1.00
46	TYF4X	250.00	1.00
47	TYF4X	245.00	1.00
48 and Over	TYF4X	240.00	1.00

\* Rates are applicable in all Price Density Zones.

\*\* Interface sold separately.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)31.24.5 IntelliLight Entrance Facility (IEF) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(2) IEF Electrical Interfaces	<u>USOC</u>	<u>Monthly Rate</u>
- DS3 Interface#	P8TKX	\$90.00
- DS1 Interface#	P8TJX	27.00

\* Rates are applicable in all Price Density Zones.

# DS1 and DS3 IEF electrical interfaces are not available until  
December 11, 1999.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)

## 31.24.6 Intellilight Broadband Transport (IBT)

## (A) Terminations\*

Month-to-Month	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
- OC3 or OC3c	TYF5X	\$ 3,200.00	\$1.00
- OC12 or OC12c	TYF5X	4,100.00	1.00

## (B) Ports\*

Month-to-Month	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
OC3 - 2 fiber	S9NAX	\$ 150.00	\$1.00
OC3 - 4 fiber 1+1	S9NBX	300.00	1.00
OC3c - 2 fiber	S9NAX	160.00	1.00
OC3c - 4 fiber 1+1	S9NBX	320.00	1.00
OC12 - 2 fiber	SN9AX	300.00	1.00
OC12 - 4 fiber 1+1	SN9BX	600.00	1.00
OC12c - 2 fiber	SN9AX	320.00	1.00
OC12c - 4 fiber 1+1	SN9BX	650.00	1.00

\* Rates are applicable in all Price Density Zones.

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.24 Federal Telecommunications Access Service (FTAS) 2001 (Cont'd)

## 31.24.6 Intellilight Broadband Transport (IBT) (Cont'd)

(C) Channel Mileage (with fiber path diversity)*		<u>Monthly Rate</u>	
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Month-to-Month			
- OC3 or OC3c	1H4VS	\$1,500.00	\$170.00
- OC12 or OC12c	1H4VS	3,325.00	450.00

31.25 Reserved for Future Use

\* Rates are applicable in all Price Density Zones.

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)#

## (A) Special Access Transport\*

- (1) 155.52 Mbps SONET Distribution Channels,
- 
- per point of termination,

		<u>Monthly Rate</u>		<u>Rate</u>	<u>Nonrecurring</u>
	<u>USOC</u>	<u>Non-Discounted</u>	<u>USOC</u>	<u>Stability</u>	<u>Charge</u>
- Basic Design**					
Pricing Zone 1	T7T1X	\$715.00	T7T2X	\$650.00	None
Pricing Zone 2	T7T1X	715.00	T7T2X	650.00	None
Pricing Zone 3	T7T1X	715.00	T7T2X	650.00	None
- Designs including 3 or more Nodes of the same speed with 2 or more SDCs of the same speed					
Pricing Zone 1	T7T1M	550.00	T7T2M	500.00	None
Pricing Zone 2	T7T1M	550.00	T7T2M	500.00	None
Pricing Zone 3	T7T1M	550.00	T7T2M	500.00	None
- Designs including 5 or more Nodes and 4 or more SDCs					
Pricing Zone 1	T7T1L	550.00	T7T2L	500.00	None
Pricing Zone 2	T7T1L	550.00	T7T2L	500.00	None
Pricing Zone 3	T7T1L	550.00	T7T2L	500.00	None

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts.

In all other States, the rates and charges that apply are equal to the rates

and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

- (2) 622.080 Mbps SONET Distribution Channels,
- 
- per point of termination

		<u>Monthly Rates</u>			
	<u>USOC</u>	<u>Non-Discounted</u>	<u>USOC</u>	<u>Rate Stability</u>	<u>Nonrecurring Charge</u>
- Basic Design**					
Pricing Zone 1	T7T3X	\$1,760.00	T7T4X	\$1,600.00	None
Pricing Zone 2	T7T3X	1,760.00	T7T4X	1,600.00	None
Pricing Zone 3	T7T3X	1,760.00	T7T4X	1,600.00	None
- Designs including 3 or more Nodes of the same speed with 2 or more SDCs of the same speed					
Pricing Zone 1	T7T3M	1,320.00	T7T4M	1,200.00	None
Pricing Zone 2	T7T3M	1,320.00	T7T4M	1,200.00	None
Pricing Zone 3	T7T3M	1,320.00	T7T4M	1,200.00	None
- Designs including 5 or more Nodes and 4 or more SDCs					
Pricing Zone 1	T7T3L	770.00	T7T4L	700.00	None
Pricing Zone 2	T7T3L	770.00	T7T4L	700.00	None
Pricing Zone 3	T7T3L	770.00	T7T4L	700.00	None

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(3) 2.488 Gbps SONET Distribution Channels (Cont'd),  
per point of termination

		<u>Monthly Rates</u>		<u>Rate</u>	<u>Nonrecurring</u>
	<u>USOC</u>	<u>Non-Discounted</u>	<u>USOC</u>	<u>Stability</u>	<u>Charge</u>
- Basic Design**					
Pricing Zone 1	T7T5X	\$4,180.00	T7T6X	\$3,800.00	None
Pricing Zone 2	T7T5X	4,180.00	T7T6X	3,800.00	None
Pricing Zone 3	T7T5X	4,180.00	T7T6X	3,800.00	None
- Designs including 3 or more Nodes of the same speed with 2 or more SDCs of the same speed					
Pricing Zone 1	T7T5M	3,025.00	T7T6M	2,750.00	None
Pricing Zone 2	T7T5M	3,025.00	T7T6M	2,750.00	None
Pricing Zone 3	T7T5M	3,025.00	T7T6M	2,750.00	None
- Designs including 5 or more Nodes and 4 or more SDCs					
Pricing Zone 1	T7T5L	1,430.00	T7T6L	1,300.00	None
Pricing Zone 2	T7T5L	1,430.00	T7T6L	1,300.00	None
Pricing Zone 3	T7T5L	1,430.00	T7T6L	1,300.00	None
# Service availability limited. See # footnote on Page 26-1.					
* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.					
** As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.					

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Issued: April 13, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(A) Special Access Transport\* (Cont'd)

(4) 155.52 Mbps Channel Mileage, per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>			<u>Fixed</u>	<u>Per Mile</u>
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>		
Basic Design**						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1A7HS	None	None	1A7JS	None	None
Pricing Zone 2	1A7HS	None	None	1A7JS	None	None
Pricing Zone 3	1A7HS	None	None	1A7JS	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1A7HS	1,237.50	330.00	1A7JS	\$1,125.00	\$300.00
Pricing Zone 2	1A7HS	1,237.50	330.00	1A7JS	1,125.00	300.00
Pricing Zone 3	1A7HS	1,237.50	330.00	1A7JS	1,125.00	300.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(4) 155.52 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>		<u>Rate Stability</u>		
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>3 or more Nodes</u> of the same speed						
- 1st Channel						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1A7OS	None	None	1A7YS	None	None
Pricing Zone 2	1A7OS	None	None	1A7YS	None	None
Pricing Zone 3	1A7OS	None	None	1A7YS	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1A7OS	\$220.00	\$264.00	1A7YS	\$200.00	\$240.00
Pricing Zone 2	1A7OS	220.00	264.00	1A7YS	200.00	240.00
Pricing Zone 3	1A7OS	220.00	264.00	1A7YS	200.00	240.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(A) Special Access Transport\* (Cont'd)

(4) 155.52 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Non-Discounted</u>		<u>Monthly Rates</u>		<u>Rate Stability</u>	
		<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>3 or more Nodes</u> of the same speed (Cont'd)							
- 2nd and Over							
Mileage Band							
<u>0</u>							
Pricing Zone 1	1A7PS	None		None	1A7ZS	None	None
Pricing Zone 2	1A7PS	None		None	1A7ZS	None	None
Pricing Zone 3	1A7PS	None		None	1A7ZS	None	None
Mileage Band							
<u>Over 0</u>							
Pricing Zone 1	1A7PS	None		\$264.00	1A7ZS	None	\$240.00
Pricing Zone 2	1A7PS	None		264.00	1A7ZS	None	240.00
Pricing Zone 3	1A7PS	None		264.00	1A7ZS	None	240.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(4) 155.52 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>5 or more Nodes</u> <u>served from 4 or</u> <u>more different</u> <u>wire centers</u>						
- 1st Channel						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1Y6OS	None	None	1Y6YS	None	None
Pricing Zone 2	1Y6OS	None	None	1Y6YS	None	None
Pricing Zone 3	1Y6OS	None	None	1Y6YS	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1Y6OS	\$220.00	\$264.00	1Y6YS	\$200.00	\$240.00
Pricing Zone 2	1Y6OS	220.00	264.00	1Y6YS	200.00	240.00
Pricing Zone 3	1Y6OS	220.00	264.00	1Y6YS	200.00	240.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(4) 155.52 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>5 or more Nodes</u> <u>served from 4 or</u> <u>more different</u> <u>wire centers</u> (Cont'd)						
- 2nd and Over						
Mileage Band <u>0</u>						
Pricing Zone 1	1Y6PS	None	None	1Y6ZS	None	None
Pricing Zone 2	1Y6PS	None	None	1Y6ZS	None	None
Pricing Zone 3	1Y6PS	None	None	1Y6ZS	None	None
Mileage Band <u>Over 0</u>						
Pricing Zone 1	1Y6PS	None	\$264.00	1Y6ZS	None	\$240.00
Pricing Zone 2	1Y6PS	None	264.00	1Y6ZS	None	240.00
Pricing Zone 3	1Y6PS	None	264.00	1Y6ZS	None	240.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(A) Special Access Transport\* (Cont'd)

(5) 622.080 Mbps Channel Mileage, per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Basic Design**						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1A7KS	None	None	1A7LS	None	None
Pricing Zone 2	1A7KS	None	None	1A7LS	None	None
Pricing Zone 3	1A7KS	None	None	1A7LS	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1A7KS	\$4,235.00	\$1,100.00	1A7LS	\$3,850.00	\$1,000.00
Pricing Zone 2	1A7KS	4,235.00	1,100.00	1A7LS	3,850.00	1,000.00
Pricing Zone 3	1A7KS	4,235.00	1,100.00	1A7LS	3,850.00	1,000.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(5) 622.080 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>3 or more Nodes</u> of the same speed (Cont'd)						
- 1st Channel						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1A71S	None	None	1A73S	None	None
Pricing Zone 2	1A71S	None	None	1A73S	None	None
Pricing Zone 3	1A71S	None	None	1A73S	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1A71S	\$330.00	\$880.00	1A73S	\$300.00	\$800.00
Pricing Zone 2	1A71S	330.00	880.00	1A73S	300.00	800.00
Pricing Zone 3	1A71S	330.00	880.00	1A73S	300.00	800.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(A) Special Access Transport\* (Cont'd)

(5) 622.080 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>3 or more Nodes</u> of the same speed (Cont'd)						
- 2nd and Over						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1A72S	None	None	1A74S	None	None
Pricing Zone 2	1A72S	None	None	1A74S	None	None
Pricing Zone 3	1A72S	None	None	1A74S	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1A72S	None	\$880.00	1A74S	None	\$800.00
Pricing Zone 2	1A72S	None	880.00	1A74S	None	800.00
Pricing Zone 3	1A72S	None	880.00	1A74S	None	800.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(5) 622.080 Mbps Channel Mileage (Cont'd),  
per channel

	<u>USOC</u>	<u>Monthly Rates</u> <u>Non-Discounted</u>		<u>USOC</u>	<u>Rate Stability</u>	
		<u>Fixed</u>	<u>Per Mile</u>		<u>Fixed</u>	<u>Per Mile</u>
Designs including 5 or more Nodes <u>served from 4 or</u> <u>more different</u> <u>wire centers</u>						
- 1st Channel Mileage Band <u>0</u>						
Pricing Zone 1	1Y61S	None	None	1Y63S	None	None
Pricing Zone 2	1Y61S	None	None	1Y63S	None	None
Pricing Zone 3	1Y61S	None	None	1Y63S	None	None
Mileage Band <u>Over 0</u>						
Pricing Zone 1	1Y61S	\$330.00	\$550.00	1Y63S	\$300.00	\$500.00
Pricing Zone 2	1Y61S	330.00	550.00	1Y63S	300.00	500.00
Pricing Zone 3	1Y61S	330.00	550.00	1Y63S	300.00	500.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(5) 622.080 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>5 or more Nodes</u> <u>served from 4 or</u> <u>more different</u> <u>wire centers</u> (Cont'd)						
- 2nd and Over						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1Y62S	None	None	1Y64S	None	None
Pricing Zone 2	1Y62S	None	None	1Y64S	None	None
Pricing Zone 3	1Y62S	None	None	1Y64S	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1Y62S	None	\$550.00	1Y64S	None	\$500.00
Pricing Zone 2	1Y62S	None	550.00	1Y64S	None	500.00
Pricing Zone 3	1Y62S	None	550.00	1Y64S	None	500.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(A) Special Access Transport\* (Cont'd)

(6) 2.488 Gbps Channel Mileage, per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Basic Design**						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1A7MS	None	None	1A7NS	None	None
Pricing Zone 2	1A7MS	None	None	1A7NS	None	None
Pricing Zone 3	1A7MS	None	None	1A7NS	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1A7MS	10917.50	\$3850.00	1A7NS	\$9,925.00	\$3,500.00
Pricing Zone 2	1A7MS	10917.50	3850.00	1A7NS	9,925.00	3,500.00
Pricing Zone 3	1A7MS	10917.50	3850.00	1A7NS	9,925.00	3,500.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(6) 2.488 Gbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>		
		<u>Non-Discounted</u>					
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	
<u>Designs including</u>							
<u>3 or more Nodes</u>							
<u>of the same speed</u>							
(Cont'd)							
- 1st Channel							
Mileage Band							
<u>0</u>							
Pricing Zone 1	1A75S	None	None	1A77S	None	None	
Pricing Zone 2	1A75S	None	None	1A77S	None	None	
Pricing Zone 3	1A75S	None	None	1A77S	None	None	
Mileage Band							
<u>Over 0</u>							
Pricing Zone 1	1A75S	\$687.50	3,080.00	1A77S	\$625.00	\$2,800.00	
Pricing Zone 2	1A75S	687.50	3,080.00	1A77S	625.00	2,800.00	
Pricing Zone 3	1A75S	687.50	3,080.00	1A77S	625.00	2,800.00	

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)#(Cont'd)

(A) Special Access Transport\* (Cont'd)

(6) 2.488 Gbps Channel Mileage (Cont'd),  
per channel

	<u>Monthly Rates</u>			<u>Rate Stability</u>		
	<u>Non-Discounted</u>					
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>3 or more Nodes</u> of the same speed (Cont'd)						
- 2nd and Over						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1A76S	None	None	1A79S	None	None
Pricing Zone 2	1A76S	None	None	1A79S	None	None
Pricing Zone 3	1A76S	None	None	1A79S	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1A76S	None	\$3,080.00	1A79S	None	\$2,800.00
Pricing Zone 2	1A76S	None	3,080.00	1A79S	None	2,800.00
Pricing Zone 3	1A76S	None	3,080.00	1A79S	None	2,800.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(6) 2.488 Gbps Channel Mileage (Cont'd),  
per channel

	<u>USOC</u>	<u>Monthly Rates</u>		<u>USOC</u>	<u>Rate Stability</u>	
		<u>Non-Discounted</u>	<u>Per Mile</u>		<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>5 or more Nodes</u> <u>served from 4 or</u> <u>more different</u> <u>wire centers</u>						
- 1st Channel						
Mileage Band <u>0</u>						
Pricing Zone 1	1Y65S	None	None	1Y67S	None	None
Pricing Zone 2	1Y65S	None	None	1Y67S	None	None
Pricing Zone 3	1Y65S	None	None	1Y67S	None	None
Mileage Band <u>Over 0</u>						
Pricing Zone 1	1Y65S	\$550.00	1061.50	1Y67S	\$500.00	\$965.00
Pricing Zone 2	1Y65S	550.00	1061.50	1Y67S	500.00	965.00
Pricing Zone 3	1Y65S	550.00	1061.50	1Y67S	500.00	965.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(A) Special Access Transport\* (Cont'd)

(6) 2.488 Gbps Channel Mileage (Cont'd)  
per channelMonthly Rates

	<u>USOC</u>	<u>Non-Discounted</u>		<u>USOC</u>	<u>Rate Stability</u>	
		<u>Fixed</u>	<u>Per Mile</u>		<u>Fixed</u>	<u>Per Mile</u>
<u>Designs including</u> <u>5 or more Nodes</u> <u>served from 4 or</u> <u>more different</u> <u>wire centers</u> (Cont'd)						
- 2nd and Over Mileage Band						
0						
Pricing Zone 1	1Y66S	None	None	1Y69S	None	None
Pricing Zone 2	1Y66S	None	None	1Y69S	None	None
Pricing Zone 3	1Y66S	None	None	1Y69S	None	None
Mileage Band Over 0						
Pricing Zone 1	1Y66S	None	1,061.50	1Y69S	None	\$ 965.00
Pricing Zone 2	1Y66S	None	1,061.50	1Y69S	None	965.00
Pricing Zone 3	1Y66S	None	1,061.50	1Y69S	None	965.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

## (7) CO Node

- per node

		<u>Monthly Rates</u> <u>Pricing Zones</u>			<u>NRC</u>
	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	
Non-Discounted					
155.520 Mbps	FC5CX	\$1650.00	\$1650.00	\$1650.00	None
622.080 Mbps	FC5DX	3025.00	3025.00	3025.00	None
2.488 Gbps	FC5EX	6050.00	6050.00	6050.00	None
Rate Stability					
155.520 Mbps	FC5HX	1500.00	1500.00	1500.00	None
622.080 Mbps	FC5JX	2750.00	2750.00	2750.00	None
2.488 Gbps	FC5KX	5500.00	5500.00	5500.00	None

(8) Subsequent Installation  
or Move CO Node Charge  
(for rings only)

- per node	NRBSV	\$1500.00
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# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(A) Special Access Transport\* (Cont'd)

(9) Central Office Extensions

		<u>Monthly Rates</u> <u>Pricing Zones</u>			
<u>OC-12**</u>	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	<u>NRCs</u>
Non-Discounted					
- per connection	CU8CH	\$1,320.00	\$1,320.00	\$1,320.00	None
Rate Stability					
- per connection	CU8DH (Z)	1,200.00	1,200.00	1,200.00	None
		<u>Monthly Rates</u> <u>Pricing Zones</u>			
<u>OC-3**</u>	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	<u>NRCs</u>
Non-Discounted					
- per connection	CU8CC	\$825.00	\$825.00	\$825.00	None
Rate Stability					
- per connection	CU8DC	750.00	750.00	750.00	None
		<u>Monthly Rates</u> <u>Pricing Zones</u>			
<u>DS3</u>	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	<u>NRCs</u>
Non-Discounted					
- per connection	CU8CA	\$412.50	\$412.50	\$412.50	None
Rate Stability					
- per connection	CU8DA	375.00	375.00	375.00	None

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

(TR 144)

Issued: January 22, 2002

Effective: February 6, 2002

Vice President, Federal Regulatory  
1300 I Street, NW, Washington, D.C. 20005(T)  
(T)

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(A) Special Access Transport\* (Cont'd)

(9) Central Office Extensions (Cont'd)

		<u>Monthly Rates</u> <u>Pricing Zones</u>			
<u>DS1</u>	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	<u>NRCs</u>
Non-Discounted					
- per connection	CU8CB	\$110.00	\$110.00	\$110.00	None
Rate Stability					
- per connection	CU8DB	100.00	100.00	100.00	None

		<u>Monthly Rates</u> <u>Pricing Zones</u>			
<u>STS1</u>	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	<u>NRCs</u>
Non-Discounted					
- per connection	CU8CJ	\$412.50	\$412.50	\$412.50	None
Rate Stability					
- per connection	CU8DJ	375.00	375.00	375.00	None

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

## (10) Premises Node

- per node

		<u>Monthly Rates</u> <u>Pricing Zones</u>			<u>NRCs</u>
	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	
Non-Discounted					
155.520 Mbps	FP5CX	\$1650.00	\$1650.00	\$1650.00	None
622.080 Mbps	FP5DX	3025.00	3025.00	3025.00	None
2.488 Gbps	FP5EX	6050.00	6050.00	6050.00	None
Rate Stability					
155.520 Mbps	FP5HX	1500.00	1500.00	1500.00	None
622.080 Mbps	FP5JX	2750.00	2750.00	2750.00	None
2.488 Gbps	FP5KX	5500.00	5500.00	5500.00	None

(11) Subsequent Installation  
or Move Premises Node Charge  
(for rings only)

- per node	NRBS7	\$1500.00
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# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (A) Special Access Transport\* (Cont'd)

		<u>Monthly Rates</u> <u>Pricing Zones</u>			<u>Nonrecurring</u> <u>Charge</u>	
	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>		
(12)	Premises Port					
	- per port					
	Non-Discounted					
	- STS-1 port	FP6LX	\$ 330.00	\$330.00	\$330.00	None
	- DS1 port	FP6AX	82.50	82.50	82.50	None
	- DS3 port	FP6BX	330.00	330.00	330.00	None
	- OC3 port+	FP6CX	550.00	550.00	550.00	None
	- OC12 port+	FP6DX	1017.50	1017.50	1017.50	None
	Rate Stability					
	- STS-1 port	FP6MX	300.00	300.00	300.00	None
	- DS1 port	FP6FX	75.00	75.00	75.00	None
	- DS3 port	FP6GX	300.00	300.00	300.00	None
	- OC3 port+	FP6HX	500.00	500.00	500.00	None
	- OC12 port+	FP6JX	925.00	925.00	925.00	None

# Service availability limited. See # footnote on Page 26-1.

+ Applies for OC-3 or OC-12 in a channelized format (STS-3 or STS-12) or in a concatenated format (STS-3c or STS-12c).

\* Price Density Zones apply in New York, Connecticut and Massachusetts. In all other States, the rates and charges that apply are equal to the rates and charges specified for Pricing Zone 3.)

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (B) Switched Access Transport\*

(1) 155.52 Mbps SONET Distribution Channels,  
per point of termination,

		<u>Monthly Rates</u>			
	<u>USOC</u>	<u>Non-Discounted</u>	<u>USOC</u>	<u>Rate Stability</u>	<u>Nonrecurring Charge</u>
- Basic Design**					
Pricing Zone 1	T7XOX	\$715.00	T7XOR	\$650.00	None
Pricing Zone 2	T7XOX	715.00	T7XOR	650.00	None
Pricing Zone 3	T7XOX	715.00	T7XOR	650.00	None
- Designs including 3 or more Nodes of the same speed with 2 or more SDCs of the same speed					
Pricing Zone 1	T7XPX	550.00	T7XPR	500.00	None
Pricing Zone 2	T7XPX	550.00	T7XPR	500.00	None
Pricing Zone 3	T7XPX	550.00	T7XPR	500.00	None
- Designs including 5 or more Nodes and 4 or more SDCs					
Pricing Zone 1	T7XQX	550.00	T7XQR	500.00	None
Pricing Zone 2	T7XQX	550.00	T7XQR	500.00	None
Pricing Zone 3	T7XQX	550.00	T7XQR	500.00	None

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted Rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(2) 622.080 Mbps SONET Distribution Channels,  
per point of termination

		Monthly Rates				
	USOC	Non-Discounted	USOC	Rate Stability	Nonrecurring Charge	
- Basic Design**						
Pricing Zone 1	T7XRX	\$1,760.00	T7XRR	\$1,600.00	None	
Pricing Zone 2	T7XRX	1,760.00	T7XRR	1,600.00	None	
Pricing Zone 3	T7XRX	1,760.00	T7XRR	1,600.00	None	
- Designs including 3 or more Nodes of the same speed with 2 or more SDCs of the same speed						
Pricing Zone 1	T7XSX	1,320.00	T7XSR	1,200.00	None	
Pricing Zone 2	T7XSX	1,320.00	T7XSR	1,200.00	None	
Pricing Zone 3	T7XSX	1,320.00	T7XSR	1,200.00	None	
- Designs including 5 or more Nodes and 4 or more SDCs						
Pricing Zone 1	T7XTX	770.00	T7XTR	700.00	None	
Pricing Zone 2	T7XTX	770.00	T7XTR	700.00	None	
Pricing Zone 3	T7XTX	770.00	T7XTR	700.00	None	

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(3) 2.488 Gbps SONET Distribution Channels,  
per point of termination

		<u>Monthly Rates</u>		<u>Rate Stability</u>	<u>Nonrecurring Charge</u>
	<u>USOC</u>	<u>Non-Discounted</u>	<u>USOC</u>		
- Basic Design**					
Pricing Zone 1	T7XUX	\$4,180.00	T7XUR	\$3,800.00	None
Pricing Zone 2	T7XUX	4,180.00	T7XUR	3,800.00	None
Pricing Zone 3	T7XUX	4,180.00	T7XUR	3,800.00	None
- Designs including 3 or more Nodes of the same speed with 2 or more SDCs of the same speed					
Pricing Zone 1	T7XVX	3,025.00	T7XVR	2,750.00	None
Pricing Zone 2	T7XVX	3,025.00	T7XVR	2,750.00	None
Pricing Zone 3	T7XVX	3,025.00	T7XVR	2,750.00	None
- Designs including 5 or more Nodes and 4 or more SDCs					
Pricing Zone 1	T7XWX	1,430.00	T7XWR	1,300.00	None
Pricing Zone 2	T7XWX	1,430.00	T7XWR	1,300.00	None
Pricing Zone 3	T7XWX	1,430.00	T7XWR	1,300.00	None
#	Service availability limited. See # footnote on Page 26-1.				
*	Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted Rates and charges specified for Pricing Zone 3.				
**	As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.				

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted Rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(4) 155.52 Mbps Channel Mileage, per channel

		<u>Monthly Rates</u>		<u>Rate Stability</u>		
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Basic Design**						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZFX	None	None	1YZFR	None	None
Pricing Zone 2	1YZFX	None	None	1YZFR	None	None
Pricing Zone 3	1YZFX	None	None	1YZFR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZFX	\$1,237.50	\$330.00	1YZFR	\$1,125.00	\$300.00
Pricing Zone 2	1YZFX	1,237.50	330.00	1YZFR	1,125.00	300.00
Pricing Zone 3	1YZFX	1,237.50	330.00	1YZFR	1,125.00	300.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(4) 155.52 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
<u>Designs</u>						
<u>including</u>						
<u>3 or more Nodes</u>						
<u>of the same</u>						
<u>speed</u>						
- 1st Channel						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZGX	None	None	1YZGR	None	None
Pricing Zone 2	1YZGX	None	None	1YZGR	None	None
Pricing Zone 3	1YZGX	None	None	1YZGR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZGX	\$220.00	\$264.00	1YZGR	\$200.00	\$240.00
Pricing Zone 2	1YZGX	220.00	264.00	1YZGR	200.00	240.00
Pricing Zone 3	1YZGX	220.00	264.00	1YZGR	200.00	240.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(4) 155.52 Mbps Channel Mileage (Cont'd),  
per channel

	<u>Non-Discounted</u>			<u>Monthly Rates</u>		<u>Rate Stability</u>	
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	
Designs including <u>3 or more Nodes</u> of the same speed (Cont'd)							
- 2nd and Over							
Mileage Band							
<u>0</u>							
Pricing Zone 1	1YZHX	None	None	1YZHR	None	None	
Pricing Zone 2	1YZHX	None	None	1YZHR	None	None	
Pricing Zone 3	1YZHX	None	None	1YZHR	None	None	
Mileage Band							
<u>Over 0</u>							
Pricing Zone 1	1YZHX	None	\$264.00	1YZHR	None	\$240.00	
Pricing Zone 2	1YZHX	None	264.00	1YZHR	None	240.00	
Pricing Zone 3	1YZHX	None	264.00	1YZHR	None	240.00	

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(4) 155.52 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>5 or more Nodes</u> <u>served from 4 or</u> <u>more different</u> <u>wire centers</u>						
- 1st Channel Mileage Band <u>0</u>						
Pricing Zone 1	1YZJX	None	None	1YZJR	None	None
Pricing Zone 2	1YZJX	None	None	1YZJR	None	None
Pricing Zone 3	1YZJX	None	None	1YZJR	None	None
Mileage Band <u>Over 0</u>						
Pricing Zone 1	1YZJX	\$220.00	\$264.00	1YZJR	\$200.00	\$240.00
Pricing Zone 2	1YZJX	220.00	264.00	1YZJR	200.00	240.00
Pricing Zone 3	1YZJX	220.00	264.00	1YZJR	200.00	240.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(4) 155.52 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including 5 or more Nodes served from 4 or more different wire centers (Cont'd)						
- 2nd and Over						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZKX	None	None	1YZKR	None	None
Pricing Zone 2	1YZKX	None	None	1YZKR	None	None
Pricing Zone 3	1YZKX	None	None	1YZKR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZKX	None	\$264.00	1YZKR	None	\$240.00
Pricing Zone 2	1YZKX	None	264.00	1YZKR	None	240.00
Pricing Zone 3	1YZKX	None	264.00	1YZKR	None	240.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(5) 622.080 Mbps Channel Mileage, per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Basic Design**						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZLX	None	None	1YZLR	None	None
Pricing Zone 2	1YZLX	None	None	1YZLR	None	None
Pricing Zone 3	1YZLX	None	None	1YZLR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZLX	4,235.00	1,110.00	1YZLR	3,850.00	1,000.00
Pricing Zone 2	1YZLX	4,235.00	1,110.00	1YZLR	3,850.00	1,000.00
Pricing Zone 3	1YZLX	4,235.00	1,110.00	1YZLR	3,850.00	1,000.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(5) 622.080 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including 3 or more Nodes of the same speed (Cont'd)						
- 1st Channel						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZMX	None	None	1YZMR	None	None
Pricing Zone 2	1YZMX	None	None	1YZMR	None	None
Pricing Zone 3	1YZMX	None	None	1YZMR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZMX	\$330.00	\$880.00	1YZMR	\$300.00	\$800.00
Pricing Zone 2	1YZMX	330.00	880.00	1YZMR	300.00	800.00
Pricing Zone 3	1YZMX	330.00	880.00	1YZMR	300.00	800.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(5) 622.080 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including 3 or more Nodes of the same speed (Cont'd)						
- 2nd and Over						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZNX	None	None	1YZNR	None	None
Pricing Zone 2	1YZNX	None	None	1YZNR	None	None
Pricing Zone 3	1YZNX	None	None	1YZNR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZNX	None	\$880.00	1YZNR	None	\$800.00
Pricing Zone 2	1YZNX	None	880.00	1YZNR	None	800.00
Pricing Zone 3	1YZNX	None	880.00	1YZNR	None	800.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

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Issued: April 13, 2001

Effective: April 28, 2001

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(B) Switched Access Transport\* (Cont'd)

(5) 622.080 Mbps Channel Mileage (Cont'd),  
per channel

		Monthly Rates			Rate Stability	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
<u>Designs including</u>						
<u>5 or more Nodes</u>						
<u>served from 4 or</u>						
<u>more different</u>						
<u>wire centers</u>						
- 1st Channel						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZOX	None	None	1YZOR	None	None
Pricing Zone 2	1YZOX	None	None	1YZOR	None	None
Pricing Zone 3	1YZOX	None	None	1YZOR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZOX	\$330.00	\$550.00	1YZOR	\$300.00	\$500.00
Pricing Zone 2	1YZOX	330.00	550.00	1YZOR	300.00	500.00
Pricing Zone 3	1YZOX	330.00	550.00	1YZOR	300.00	500.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(5) 622.080 Mbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including 5 or more Nodes <u>served from 4 or</u> <u>more different</u> <u>wire centers</u> (Cont'd)						
- 2nd and Over						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZPX	None	None	1YZPR	None	None
Pricing Zone 2	1YZPX	None	None	1YZPR	None	None
Pricing Zone 3	1YZPX	None	None	1YPZR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZPX	None	\$550.00	1YPZR	None	\$500.00
Pricing Zone 2	1YZPX	None	550.00	1YPZR	None	500.00
Pricing Zone 3	1YZPX	None	550.00	1YPZR	None	500.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(6) 2.488 Gbps Channel Mileage, per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Basic Design**						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZQX	None	None	1YZQR	None	None
Pricing Zone 2	1YZQX	None	None	1YZQR	None	None
Pricing Zone 3	1YZQX	None	None	1YZQR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZQX	10,917.50	\$3,850.00	1YZQR	\$9,925.00	\$3,500.00
Pricing Zone 2	1YZQX	10,917.50	3,850.00	1YZQR	9,925.00	3,500.00
Pricing Zone 3	1YZQX	10,917.50	3,850.00	1YZQR	9,925.00	3,500.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

\*\* As of December 9, 1999, IDSR two-point service configurations which do not include a minimum of three nodes are no longer available. See footnote on Page 26-1 for complete details.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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(B) Switched Access Transport\* (Cont'd)

(6) 2.488 Gbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>3 or more Nodes</u> of the same speed (Cont'd)						
- 1st Channel						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZRX	None	None	1YZRR	None	None
Pricing Zone 2	1YZRX	None	None	1YZRR	None	None
Pricing Zone 3	1YZRX	None	None	1YZRR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZRX	\$687.50	\$3,080.00	1YZRR	\$625.00	\$2,800.00
Pricing Zone 2	1YZRX	687.50	3,080.00	1YZRR	625.00	2,800.00
Pricing Zone 3	1YZRX	687.50	3,080.00	1YZRR	625.00	2,800.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(6) 2.488 Gbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>3 or more Nodes</u> of the same speed (Cont'd)						
- 2nd and Over						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZUX	None	None	1YZUR	None	None
Pricing Zone 2	1YZUX	None	None	1YZUR	None	None
Pricing Zone 3	1YZUX	None	None	1YZUR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZUX	None	\$3,080.00	1YZUR	None	\$2,800.00
Pricing Zone 2	1YZUX	None	3,080.00	1YZUR	None	2,800.00
Pricing Zone 3	1YZUX	None	3,080.00	1YZUR	None	2,800.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(6) 2.488 Gbps Channel Mileage (Cont'd),  
per channel

		<u>Monthly Rates</u>			<u>Rate Stability</u>	
		<u>Non-Discounted</u>				
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>
Designs including <u>5 or more Nodes</u> <u>served from 4 or</u> <u>more different</u> <u>wire centers</u>						
- 1st Channel						
Mileage Band						
<u>0</u>						
Pricing Zone 1	1YZVX	None	None	1YZVR	None	None
Pricing Zone 2	1YZVX	None	None	1YZVR	None	None
Pricing Zone 3	1YZVX	None	None	1YZVR	None	None
Mileage Band						
<u>Over 0</u>						
Pricing Zone 1	1YZVX	\$550.00	1,061.50	1YZVR	\$500.00	\$965.00
Pricing Zone 2	1YZVX	550.00	1,061.50	1YZVR	500.00	965.00
Pricing Zone 3	1YZVX	550.00	1,061.50	1YZVR	500.00	965.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(6) 2.488 Gbps Channel Mileage (Cont'd)  
per channelMonthly Rates

	USOC	Non-Discounted		USOC	Rate Stability	
		Fixed	Per Mile		Fixed	Per Mile
<u>Designs including</u>						
<u>5 or more Nodes</u>						
<u>served from 4 or</u>						
<u>more different</u>						
<u>wire centers</u>						
(Cont'd)						
- 2nd and Over						
Mileage Band						
0						
Pricing Zone 1	1YZWX	None	None	1YZWR	None	None
Pricing Zone 2	1YZWX	None	None	1YZWR	None	None
Pricing Zone 3	1YZWX	None	None	1YZWR	None	None
Mileage Band						
Over 0						
Pricing Zone 1	1YZWX	None	1,061.50	1YZWR	None	\$ 965.00
Pricing Zone 2	1YZWX	None	1,061.50	1YZWR	None	965.00
Pricing Zone 3	1YZWX	None	1,061.50	1YZWR	None	965.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

## (7) CO Node

- per node

		<u>Monthly Rates</u> <u>Pricing Zones</u>			<u>Nonrecurring Charge</u>
	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	
Non-Discounted					
155.520 Mbps	S3NCX	\$1650.00	\$1650.00	\$1650.00	None
622.080 Mbps	S3NDX	3025.00	3025.00	3025.00	None
2.488 Gbps	S3NEX	6050.00	6050.00	6050.00	None
Rate Stability					
155.520 Mbps	S3NHX	1500.00	1500.00	1500.00	None
622.080 Mbps	S3NJX	2750.00	2750.00	2750.00	None
2.488 Gbps	S3NKX	5500.00	5500.00	5500.00	None
(8) Subsequent Installation or Move CO Node Charge (for rings only)					
- per node	NRBNU				\$1500.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

(B) Switched Access Transport\* (Cont'd)

(9) Central Office Extensions

		<u>Monthly Rates</u> <u>Pricing Zones</u>			<u>Nonrecurring Charge</u>
<u>DS3</u>	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	
Non-Discounted					
- per connection	CU8XK	\$412.50	\$412.50	\$412.50	None
Rate Stability					
- per connection	CU8YK	375.00	375.00	375.00	None

		<u>Monthly Rates</u> <u>Pricing Zones</u>			Nonrecurring <u>Charge</u>
<u>DS1</u>	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	
Non-Discounted					
- per connection	CU8QK	110.00	\$110.00	\$110.00	None
Rate Stability					
- per connection	CU8RK	100.00	100.00	100.00	None

		<u>Monthly Rates</u> <u>Pricing Zones</u>			<u>Nonrecurring Charge</u>
<u>STS1</u>	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	
Non-Discounted					
- per connection	CU8ZK	412.50	\$412.50	\$412.50	None
Rate Stability					
- per connection	CU81K	375.00	375.00	375.00	None

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

## (10) Premises Node

- per node

		<u>Monthly Rates</u> <u>Pricing Zones</u>			<u>Nonrecurring Charge</u>
	<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>	
Non-Discounted					
155.520 Mbps	R6NCX	\$1650.00	\$1650.00	\$1650.00	None
622.080 Mbps	R6NDX	3025.00	3025.00	3025.00	None
2.488 Gbps	R6NEX	6050.00	6050.00	6050.00	None
Rate Stability					
155.520 Mbps	R6NHX	1500.00	1500.00	1500.00	None
622.080 Mbps	R6NJX	2750.00	2750.00	2750.00	None
2.488 Gbps	R6NKX	5500.00	5500.00	5500.00	None
(11) Subsequent Installation or Move Premises Node Charge (for rings only)					
- per node	NRBNV				\$1500.00

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.1 IntelliLight® Dedicated SONET Ring (IDSR)# (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

		<u>Monthly Rates</u> <u>Pricing Zones</u>			Nonrecurring <u>Charge</u>	
		<u>USOC</u>	<u>Zone 1</u>	<u>Zone 2</u>		<u>Zone 3</u>
(12)	Premises Port - per port					
	Non-Discounted					
	- STS-1 port	RKP6X	\$330.00	\$330.00	\$330.00	None
	- DS1 port	RKPAX	82.50	82.50	82.50	None
	- DS3 port	RKPBX	330.00	330.00	330.00	None
	Rate Stability					
	- STS-1 port	RKP7X	300.00	300.00	300.00	None
	- DS1 port	RKP8X	75.00	75.00	75.00	None
	- DS3 port	RKP9X	300.00	300.00	300.00	None

# Service availability limited. See # footnote on Page 26-1.

\* Price Density Zones apply in New York and Massachusetts. In all other States, the rates and charges that apply are equal to the Non-Discounted rates and charges specified for Pricing Zone 3.

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.2 Enterprise SONET Service#

<u>Service Level</u>	<u>USOC</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
		<u>Fixed</u>	<u>Per Mile</u>	
DS1 Ring Transport, each				
- New York/Connecticut				
<u>Mileage Band</u>				
<u>0 Mile</u>				
Pricing Zone 1	1H7FA	\$165.00	None	None
Pricing Zone 2	1H7FA	165.00	None	None
Pricing Zone 3	1H7FA	165.00	None	None
<u>1 to 5 Miles</u>				
Pricing Zone 1	1H7FB	165.00	None	None
Pricing Zone 2	1H7FB	165.00	None	None
Pricing Zone 3	1H7FB	165.00	None	None
<u>6 to 9 Miles</u>				
Pricing Zone 1	1H7FC	285.00	None	None
Pricing Zone 2	1H7FC	285.00	None	None
Pricing Zone 3	1H7FC	285.00	None	None
<u>10 Miles and Over</u>				
Pricing Zone 1	1H7FD	485.00	None	None
Pricing Zone 2	1H7FD	485.00	None	None
Pricing Zone 3	1H7FD	485.00	None	None

# Service availability limited. See # footnote in Section 26.1.2(A) preceding.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.2 Enterprise SONET Service# (Cont'd)

<u>Service Level</u>	<u>USOC</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
		<u>Fixed</u>	<u>Per Mile</u>	
DS1 Ring Transport, each				
- Massachusetts				
<u>Mileage Band</u>				
<u>0 Mile</u>				
Pricing Zone 1	1H7FA	\$165.00	None	None
Pricing Zone 2	1H7FA	165.00	None	None
Pricing Zone 3	1H7FA	165.00	None	None
<u>1 to 5 Miles</u>				
Pricing Zone 1	1H7FB	165.00	None	None
Pricing Zone 2	1H7FB	165.00	None	None
Pricing Zone 3	1H7FB	165.00	None	None
<u>6 to 9 Miles</u>				
Pricing Zone 1	1H7FC	285.00	None	None
Pricing Zone 2	1H7FC	285.00	None	None
Pricing Zone 3	1H7FC	285.00	None	None
<u>10 Miles and Over</u>				
Pricing Zone 1	1H7FD	485.00	None	None
Pricing Zone 2	1H7FD	485.00	None	None
Pricing Zone 3	1H7FD	485.00	None	None

# Service availability limited. See # footnote in Section 26.1.2(A) preceding.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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<u>Service Level</u>	<u>USOC</u>	<u>Monthly Rate</u>		Nonrecurring <u>Charge</u>
		<u>Fixed</u>	<u>Per Mile</u>	
		DS1 Ring Transport, each		
		- All Other States		
		<u>Mileage Band</u>		
0 Mile	1H7FA	\$165.00	None	None
1 to 5 Miles	1H7FB	165.00	None	None
6 to 9 Miles	1H7FC	285.00	None	None
10 Miles and Over	1H7FD	485.00	None	None

# Service availability limited. See # footnote in Section 26.1.2(A) preceding.

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Issued: April 13, 2001

Effective: April 28, 2001

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<u>Service Level</u>	<u>USOC</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
		<u>Fixed</u>	<u>Per Mile</u>	
DS3 Ring Transport, each				
- New York/Connecticut				
<u>Mileage Band</u>				
<u>0 Mile</u>				
Pricing Zone 1	1H7FA	\$2,050.00	None	None
Pricing Zone 2	1H7FA	2,050.00	None	None
Pricing Zone 3	1H7FA	2,050.00	None	None
<u>1 to 5 Miles</u>				
Pricing Zone 1	1H7FB	2,050.00	None	None
Pricing Zone 2	1H7FB	2,050.00	None	None
Pricing Zone 3	1H7FB	2,050.00	None	None
<u>6 to 9 Miles</u>				
Pricing Zone 1	1H7FC	3,300.00	None	None
Pricing Zone 2	1H7FC	3,300.00	None	None
Pricing Zone 3	1H7FC	3,300.00	None	None
<u>10 Miles and Over</u>				
Pricing Zone 1	1H7FD	4,625.00	None	None
Pricing Zone 2	1H7FD	4,625.00	None	None
Pricing Zone 3	1H7FD	4,625.00	None	None

# Service availability limited. See # footnote in Section 26.1.2(A) preceding.

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.2 Enterprise SONET Service# (Cont'd)

		<u>Monthly Rate</u>		Nonrecurring <u>Charge</u>
<u>Service Level</u>	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	
DS3 Ring Transport, each				
- Massachusetts				
<u>Mileage Band</u>				
<u>0 Mile</u>				
Pricing Zone 1	1H7FA	\$2,050.00	None	None
Pricing Zone 2	1H7FA	2,050.00	None	None
Pricing Zone 3	1H7FA	2,050.00	None	None
<u>1 to 5 Miles</u>				
Pricing Zone 1	1H7FB	2,050.00	None	None
Pricing Zone 2	1H7FB	2,050.00	None	None
Pricing Zone 3	1H7FB	2,050.00	None	None
<u>6 to 9 Miles</u>				
Pricing Zone 1	1H7FC	3,300.00	None	None
Pricing Zone 2	1H7FC	3,300.00	None	None
Pricing Zone 3	1H7FC	3,300.00	None	None
<u>10 Miles and Over</u>				
Pricing Zone 1	1H7FD	4,625.00	None	None
Pricing Zone 2	1H7FD	4,625.00	None	None
Pricing Zone 3	1H7FD	4,625.00	None	None

# Service availability limited. See # footnote in Section 26.1.2(A) preceding.

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.2 Enterprise SONET Service# (Cont'd)

<u>Service Level</u>	<u>USOC</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
		<u>Fixed</u>	<u>Per Mile</u>	
DS3 Ring Transport, each				
- All Other States				
<u>Mileage Band</u>				
0 Mile	1H7FA	\$2,050.00	None	None
1 to 5 Miles	1H7FB	2,050.00	None	None
6 to 9 Miles	1H7FC	3,300.00	None	None
10 Miles and Over	1H7FD	4,625.00	None	None

# Service availability limited. See # footnote in Section 26.1.2(A) preceding.

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN)

## (A) Special Access Transport

(1) ISAN NAP Entrance Ring STS-3 Channels  
per STS-3 termination

<u># of STS-3 Channels</u>	<u>USOC</u>	<u>Monthly Rate Single NAP</u>	<u>USOC</u>	<u>Monthly Rate Dual NAP</u>
1 - 4 Channels	NEESX	\$2,700.00	NEEDX	\$3,600.00
5 Channels	NEESX	2,500.00	NEEDX	3,000.00
6 Channels	NEESX	2,200.00	NEEDX	2,670.00
7 Channels	NEESX	2,020.00	NEEDX	2,560.00
8 Channels	NEESX	1,930.00	NEEDX	2,485.00
9 Channels	NEESX	1,865.00	NEEDX	2,300.00
10 Channels	NEESX	1,815.00	NEEDX	2,225.00
11 Channels	NEESX	1,775.00	NEEDX	2,175.00
12 Channels	NEESX	1,735.00	NEEDX	2,110.00
13 Channels	NEESX	1,695.00	NEEDX	2,050.00
14 Channels	NEESX	1,655.00	NEEDX	1,995.00
15 Channels	NEESX	1,620.00	NEEDX	1,930.00
16 Channels	NEESX	1,585.00	NEEDX	1,895.00
17 Channels	NEESX	1,585.00	NEEDX	1,825.00
18 Channels	NEESX	1,585.00	NEEDX	1,825.00
19 Channels	NEESX	1,585.00	NEEDX	1,825.00
20 Channels	NEESX	1,585.00	NEEDX	1,825.00

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Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)

## (A) Special Access Transport (Cont'd) (Cont'd)

(1) ISAN NAP Entrance Ring STS-3 Channels (Cont'd)  
per STS-3 termination

# of STS-3 Channels	USOC	Monthly Rate Single	USOC	Monthly Rate
		NAP		Dual NAP
21 Channels	NEESX	\$1,535.00	NEEDX	\$1,760.00
22 Channels	NEESX	1,535.00	NEEDX	1,760.00
23 Channels	NEESX	1,535.00	NEEDX	1,760.00
24 Channels	NEESX	1,535.00	NEEDX	1,760.00
25 Channels	NEESX	1,450.00	NEEDX	1,695.00
26 Channels	NEESX	1,450.00	NEEDX	1,695.00
27 Channels	NEESX	1,450.00	NEEDX	1,695.00
28 Channels	NEESX	1,450.00	NEEDX	1,695.00
29 Channels & Over	NEESX	1,320.00	NEEDX	1,640.00

## (2) ISAN NAP Entrance Ring Mileage

	USOC	Monthly Rate
Up to 10 airline miles in entrance ring's circumference	1Y9QS	None
Over 10 airline miles in entrance ring's circumference, per mile in excess of 10 airline miles, per group of 16 STS-3s	1Y9QS	\$ 700.00

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)

- (A) Special Access Transport (Cont'd)  
(3) ISAN Transport Services

	<u>USOC</u>	<u>Mileage Bands</u>		
		0 to 5 Miles	6 to 9 Miles	10 Miles & Over
DS1 Transport Channel, each				
- New York/Connecticut				
<u>Basic On-Net</u>				
Pricing Zone 1	TC8A2	\$230.00	\$300.00	\$410.00
Pricing Zone 2	TC8A2	230.00	300.00	410.00
Pricing Zone 3	TC8A2	230.00	300.00	410.00
<u>Premium On-Net</u>				
Pricing Zone 1	TC7A2	249.00	330.00	450.00
Pricing Zone 2	TC7A2	249.00	330.00	450.00
Pricing Zone 3	TC7A2	249.00	330.00	450.00
<u>Basic Off-Net</u>				
Pricing Zone 1	TC8A3	250.00	325.00	440.00
Pricing Zone 2	TC8A3	250.00	325.00	440.00
Pricing Zone 3	TC8A3	250.00	325.00	440.00
<u>Premium Off-Net</u>				
Pricing Zone 1	TC7A3	259.00	350.00	475.00
Pricing Zone 2	TC7A3	259.00	350.00	475.00
Pricing Zone 3	TC7A3	259.00	350.00	475.00

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)

## (A) Special Access Transport (Cont'd)

## (3) ISAN Transport Services (Cont'd)

	<u>USOC</u>	<u>Mileage Bands</u>		
		0 to 5 Miles	6 to 9 Miles	10 Miles & Over
DS1 Transport Channel, each				
- New York/Connecticut				
<u>Basic to DS1 Hub</u>				
Pricing Zone 1	TC8B5	\$100.00	\$160.00	\$275.00
Pricing Zone 2	TC8B5	100.00	160.00	275.00
Pricing Zone 3	TC8B5	100.00	160.00	275.00
<u>Premium to DS1 Hub</u>				
Pricing Zone 1	TC7B5	110.00	175.00	300.00
Pricing Zone 2	TC7B5	110.00	175.00	300.00
Pricing Zone 3	TC7B5	110.00	175.00	300.00

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)

- (A) Special Access Transport (Cont'd)  
 (3) ISAN Transport Services (Cont'd)

	<u>USOC</u>		<u>Mileage Bands</u>	
		0 to 5 Miles	6 to 9 Miles	10 Miles & Over
DS1 Transport Channel, each				
- Massachusetts				
<u>Basic On-Net</u>				
Pricing Zone 1	TC8A2	\$220.00	\$290.00	\$400.00
Pricing Zone 2	TC8A2	220.00	290.00	400.00
Pricing Zone 3	TC8A2	220.00	290.00	400.00
<u>Premium On-Net</u>				
Pricing Zone 1	TC7A2	240.00	320.00	440.00
Pricing Zone 2	TC7A2	240.00	320.00	440.00
Pricing Zone 3	TC7A2	240.00	320.00	440.00
<u>Basic Off-Net</u>				
Pricing Zone 1	TC8A3	230.00	310.00	420.00
Pricing Zone 2	TC8A3	230.00	310.00	420.00
Pricing Zone 3	TC8A3	230.00	310.00	420.00
<u>Premium Off-Net</u>				
Pricing Zone 1	TC7A3	250.00	340.00	460.00
Pricing Zone 2	TC7A3	250.00	340.00	460.00
Pricing Zone 3	TC7A3	250.00	340.00	460.00

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)(A) Special Access Transport (Cont'd)(3) ISAN Transport Services (Cont'd)

	<u>USOC</u>	<u>Mileage Bands</u>		
		0 to 5 Miles	6 to 9 Miles	10 Miles & Over
DS1 Transport Channel, each				
- Massachusetts				
<u>Basic to DS1 Hub</u>				
Pricing Zone 1	TC8B5	\$100.00	\$160.00	\$275.00
Pricing Zone 2	TC8B5	100.00	160.00	275.00
Pricing Zone 3	TC8B5	100.00	160.00	275.00
<u>Premium to DS1 Hub</u>				
Pricing Zone 1	TC7B5	110.00	175.00	300.00
Pricing Zone 2	TC7B5	110.00	175.00	300.00
Pricing Zone 3	TC7B5	110.00	175.00	300.00

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)

## (A) Special Access Transport (Cont'd)

## (3) ISAN Transport Services (Cont'd)

	<u>USOC</u>	<u>Mileage Bands</u>		
		0 to 5 Miles	6 to 9 Miles	10 Miles & Over
DS1 Transport Channel, each				
- All Other States				
Basic On-Net	TC8A2	\$220.00	\$290.00	\$400.00
Premium On-Net	TC7A2	240.00	320.00	440.00
Basic Off-Net	TC8A3	230.00	310.00	420.00
Premium On-Net	TC7A3	250.00	340.00	460.00
Basic to DS1 Hub	TC8B5	100.00	160.00	275.00
Premium to DS1 Hub	TC7B5	110.00	175.00	300.00

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Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)

## (A) Special Access Transport (Cont'd)

## (3) ISAN Transport Services (Cont'd)

	<u>USOC</u>	<u>Mileage Bands</u>		
		0 to 5 Miles	6 to 9 Miles	10 Miles & Over
DS3 Transport Channel, each				
- New York/Connecticut				
<u>Basic On-Net</u>				
Pricing Zone 1	TC8C2	\$1,650.00	\$2,250.00	\$3,200.00
Pricing Zone 2	TC8C2	1,650.00	2,250.00	3,200.00
Pricing Zone 3	TC8C2	1,650.00	2,250.00	3,200.00
<u>Premium On-Net</u>				
Pricing Zone 1	TC7C1	1,850.00	2,600.00	3,600.00
Pricing Zone 2	TC7C1	1,850.00	2,600.00	3,600.00
Pricing Zone 3	TC7C1	1,850.00	2,600.00	3,600.00
<u>Basic Off-Net</u>				
Pricing Zone 1	TC8C3	1,800.00	2,500.00	3,500.00
Pricing Zone 2	TC8C3	1,800.00	2,500.00	3,500.00
Pricing Zone 3	TC8C3	1,800.00	2,500.00	3,500.00
<u>Premium Off-Net</u>				
Pricing Zone 1	TC7C3	2,000.00	2,750.00	3,850.00
Pricing Zone 2	TC7C3	2,000.00	2,750.00	3,850.00
Pricing Zone 3	TC7C3	2,000.00	2,750.00	3,850.00

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)

## (A) Special Access Transport (Cont'd)

## (3) ISAN Transport Services (Cont'd)

	<u>USOC</u>		<u>Mileage Bands</u>	
		0 to 5 Miles	6 to 9 Miles	10 Miles & Over
DS3 Transport Channel, each				
- Massachusetts				
<u>Basic On-Net</u>				
Pricing Zone 1	TC8C2	\$1,650.00	\$2,250.00	\$3,200.00
Pricing Zone 2	TC8C2	1,650.00	2,250.00	3,200.00
Pricing Zone 3	TC8C2	1,650.00	2,250.00	3,200.00
<u>Premium On-Net</u>				
Pricing Zone 1	TC7C1	1,850.00	2,600.00	3,600.00
Pricing Zone 2	TC7C1	1,850.00	2,600.00	3,600.00
Pricing Zone 3	TC7C1	1,850.00	2,600.00	3,600.00
<u>Basic Off-Net</u>				
Pricing Zone 1	TC8C3	1,800.00	2,500.00	3,500.00
Pricing Zone 2	TC8C3	1,800.00	2,500.00	3,500.00
Pricing Zone 3	TC8C3	1,800.00	2,500.00	3,500.00
<u>Premium Off-Net</u>				
Pricing Zone 1	TC7C3	2,000.00	2,750.00	3,850.00
Pricing Zone 2	TC7C3	2,000.00	2,750.00	3,850.00
Pricing Zone 3	TC7C3	2,000.00	2,750.00	3,850.00

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)(A) Special Access Transport (Cont'd)(3) ISAN Transport Services (Cont'd)

		<u>USOC</u>	<u>Mileage Bands</u>		
			0 to 5 Miles	6 to 9 Miles	10 Miles & Over
DS3 Transport Channel, each					
- All Other States					
Basic On-Net	TC8C2	\$1,650.00	\$2,250.00	\$3,200.00	
Premium On-Net	TC7C1	1,850.00	2,600.00	3,600.00	
Basic Off-Net	TC8C3	1,800.00	2,500.00	3,500.00	
Premium Off-Net	TC7C3	2,000.00	2,750.00	3,850.00	

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Effective: April 28, 2001

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## 31. The Verizon Telephone Companies Rates and Charges (Cont'd)

31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)(A) Special Access Transport (Cont'd)(3) ISAN Transport Services (Cont'd)

	<u>USOC</u>	0 to 5 Miles	<u>Mileage Bands</u> 6 to 9 Miles	10 Miles & Over
OC-3/OC-3c Transport Channel, each				
- New York/Connecticut				
<u>On-Net (2 or 4 wire)</u>				
Pricing Zone 1	TC8D2	\$5,400.00	\$7,600.00	\$10,000.00
Pricing Zone 2	TC8D2	5,400.00	7,600.00	10,000.00
Pricing Zone 3	TC8D2	5,400.00	7,600.00	10,000.00
<u>Off-Net (2 or 4 wire)</u>				
Pricing Zone 1	TC8D3	5,100.00	7,300.00	9,800.00
Pricing Zone 2	TC8D3	5,100.00	7,300.00	9,800.00
Pricing Zone 3	TC8D3	5,100.00	7,300.00	9,800.00
- Massachusetts				
<u>On-Net (2 or 4 wire)</u>				
Pricing Zone 1	TC8D2	5,400.00	7,600.00	10,000.00
Pricing Zone 2	TC8D2	5,400.00	7,600.00	10,000.00
Pricing Zone 3	TC8D2	5,400.00	7,600.00	10,000.00
<u>Off-Net (2 or 4 wire)</u>				
Pricing Zone 1	TC8D3	5,100.00	7,300.00	9,800.00
Pricing Zone 2	TC8D3	5,100.00	7,300.00	9,800.00
Pricing Zone 3	TC8D3	5,100.00	7,300.00	9,800.00

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)(A) Special Access Transport (Cont'd)(3) ISAN Transport Services (Cont'd)

	<u>USOC</u>		<u>Mileage Bands</u>	
		0 to 5	6 to 9	10 Miles &
		Miles	Miles	Over
0C-3/0C-3c Transport Channel, each				
- All Other States				
On-Net (2 or 4 wire)	TC8D 2	\$5,400.00	\$7,600.00	\$10,000.00
Off-Net (2 or 4 wire)	TC8D 3	5,100.00	7,300.00	9,800.00

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Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN)

## (B) Switched Access Transport

(1) ISAN NAP Entrance Ring STS-3 Channels  
per STS-3 termination

<u># of STS-3 Channels</u>	<u>USOC</u>	<u>Monthly Rate Single NAP</u>	<u>USOC</u>	<u>Monthly Rate Dual NAP</u>
1 - 4 Channels	NEESS	\$2,700.00	NEEDS	\$3,600.00
5 Channels	NEESS	2,500.00	NEEDS	3,000.00
6 Channels	NEESS	2,200.00	NEEDS	2,670.00
7 Channels	NEESS	2,020.00	NEEDS	2,560.00
8 Channels	NEESS	1,930.00	NEEDS	2,485.00
9 Channels	NEESS	1,865.00	NEEDS	2,300.00
10 Channels	NEESS	1,815.00	NEEDS	2,225.00
11 Channels	NEESS	1,775.00	NEEDS	2,175.00
12 Channels	NEESS	1,735.00	NEEDS	2,110.00
13 Channels	NEESS	1,695.00	NEEDS	2,050.00
14 Channels	NEESS	1,655.00	NEEDS	1,995.00
15 Channels	NEESS	1,620.00	NEEDS	1,930.00
16 Channels	NEESS	1,585.00	NEEDS	1,895.00
17 Channels	NEESS	1,585.00	NEEDS	1,825.00
18 Channels	NEESS	1,585.00	NEEDS	1,825.00
19 Channels	NEESS	1,585.00	NEEDS	1,825.00
20 Channels	NEESS	1,585.00	NEEDS	1,825.00

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Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)

## (B) Switched Access Transport (Cont'd)

(1) ISAN NAP Entrance Ring STS-3 Channels (Cont'd)  
per STS-3 termination

<u># of STS-3 Channels</u>	<u>USOC</u>	<u>Monthly Rate Single NAP</u>	<u>USOC</u>	<u>Monthly Rate Dual NAP</u>
21 Channels	NEESS	\$1,535.00	NEEDS	\$1,760.00
22 Channels	NEESS	1,535.00	NEEDS	1,760.00
23 Channels	NEESS	1,535.00	NEEDS	1,760.00
24 Channels	NEESS	1,535.00	NEEDS	1,760.00
25 Channels	NEESS	1,450.00	NEEDS	1,695.00
26 Channels	NEESS	1,450.00	NEEDS	1,695.00
27 Channels	NEESS	1,450.00	NEEDS	1,695.00
28 Channels	NEESS	1,450.00	NEEDS	1,695.00
29 Channels & Over	NEESS	1,320.00	NEEDS	1,640.00

## (2) ISAN NAP Entrance Ring Mileage

	<u>USOC</u>	<u>Monthly Rate</u>
Up to 10 airline miles in entrance ring's circumference	1Y9PS	None
Over 10 airline miles in entrance ring's circumference, per mile in excess of 10 airline miles, per group of 16 STS-3s	1Y9PS	\$ 700.00

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)

## (C) Switched Access Transport (Cont'd)

## (3) ISAN Transport Services

	<u>USOC</u>	<u>Mileage Bands</u>		
		0 to 5 Miles	6 to 9 Miles	10 Miles & Over
DS1 Transport Channel, each				
- New York				
Basic to End				
<u>Office or Access Tandem</u>				
Pricing Zone 1	TC8S5	\$100.00	\$160.00	\$275.00
Pricing Zone 2	TC8S5	100.00	160.00	275.00
Pricing Zone 3	TC8S5	100.00	160.00	275.00
Premium to End				
<u>Office or Access Tandem</u>				
Pricing Zone 1	TWHS5	110.00	175.00	300.00
Pricing Zone 2	TWHS5	110.00	175.00	300.00
Pricing Zone 3	TWHS5	110.00	175.00	300.00

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.3 IntelliLight® Shared Assurance Network (ISAN) (Cont'd)

## (B) Switched Access Transport (Cont'd)

## (3) ISAN Transport Services (Cont'd)

	<u>USOC</u>	<u>Mileage Bands</u>		
		0 to 5 Miles	6 to 9 Miles	10 Miles & Over
<u>DSL Transport Channel, each</u>				
- Massachusetts				
Basic to End				
<u>Office or Access Tandem</u>				
Pricing Zone 1	TC8S5	\$100.00	\$160.00	\$275.00
Pricing Zone 2	TC8S5	100.00	160.00	275.00
Pricing Zone 3	TC8S5	100.00	160.00	275.00
Premium to End				
<u>Office or Access Tandem</u>				
Pricing Zone 1	TWHS5	110.00	175.00	300.00
Pricing Zone 2	TWHS5	110.00	175.00	300.00
Pricing Zone 3	TWHS5	110.00	175.00	300.00
- All Other States				
Basic to End				
<u>Office or Access Tandem</u>				
Pricing Zone 1	TC8S5	\$100.00	\$160.00	\$275.00
Pricing Zone 2	TC8S5	100.00	160.00	275.00
Pricing Zone 3	TC8S5	100.00	160.00	275.00
Premium to End				
<u>Office or Access Tandem</u>				
Pricing Zone 1	TWHS5	110.00	175.00	300.00
Pricing Zone 2	TWHS5	110.00	175.00	300.00
Pricing Zone 3	TWHS5	110.00	175.00	300.00

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Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF)

## (A) Special Access Transport\*

(1)Terminations, (a)per STS1/51.84 Mbps Termination**	Monthly Rate 3 Year Term (USOC:TWBNX)	Monthly Rate 5 Year Term (USOC: TWBPX)	
1	\$2,150.00	\$1,800.00	
2	2,100.00	1,600.00	
3	1,700.00	1,500.00	
4	1,175.00	1,100.00	
5	1,000.00	890.00	(I)
6	783.00	750.00	(I)
7	699.00	640.00	(I)
8	636.00	560.00	(I)
9	588.00	500.00	(I)
10	548.00	440.00	(I)
11	516.00	395.00	(I)
12	489.00	365.00	(I)
13	480.00	362.00	(I)
14	477.00	358.00	(I)
15	475.00	355.00	(I)
16	472.00	353.00	(I)
17	470.00	350.00	(I)
18	467.00	348.00	(I)
19	465.00	345.00	(I)
20	462.00	340.00	
21	459.00	338.00	
22	456.00	336.00	
23	454.00	333.00	
24	451.00	331.00	

\* Rates are applicable in all Price Density Zones.

\*\* Interface sold separately.

(TR 56)

Issued: June 18, 2001

Effective: July 3, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)

## 31.26.4 IntelliLight® Entrance Facility (IEF)(Cont'd)

## (A) Special Access Transport\* (Cont'd)

(2) Terminations, (a)per STS1/51.84 Mbps Termination**	Monthly Rate	Monthly Rate
	3 Year Term (USOC:TWBNX)	5 Year Term (USOC: TWBPX)
25	\$449.00	\$329.00
26	446.00	327.00
27	444.00	325.00
28	441.00	323.00
29	438.00	321.00
30	435.00	319.00
31	433.00	317.00
32	430.00	315.00
33	428.00	312.00
34	425.00	310.00
35	423.00	308.00
36	420.00	306.00
37	407.00	304.00
38	404.00	302.00
39	402.00	298.00
40	399.00	294.00
41	396.00	288.00
42	393.00	283.00
43	391.00	278.00
44	388.00	273.00
45	386.00	267.00
46	383.00	262.00
47	381.00	257.00
48 and Over	378.00	252.00

\* Rates are applicable in all Price Density Zones.

\*\* Interface sold separately.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)

## 31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(1) Terminations, (b)per STS1/51.84 Mbps Termination with a Fractional OC3 Interface	Monthly Rate	Monthly Rate
	3 Year Term (USOC:TWBNX)	5 Year Term (USOC: TWBPX)
1	\$2,310.00	\$1,905.00
2	2,260.00	1,705.00
3	1,860.00	1,605.00
4	1,335.00	1,205.00
5	1,175.00	855.00
6	971.00	690.00
7	891.00	633.00
8	831.00	590.00
9	785.00	557.00
10	747.00	530.00
11	717.00	508.00
12	691.00	490.00
13	683.00	488.00
14	680.00	486.00
15	678.00	484.00
16	675.00	482.00
17	673.00	480.00
18	670.00	478.00
19	668.00	476.00
20	665.00	474.00
21	663.00	472.00
22	660.00	470.00
23	658.00	468.00
24	655.00	466.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(1) Terminations, (b)per STS1/51.84 Mbps Termination with a Fractional OC3 Interface	Monthly Rate	Monthly Rate
	3 Year Term (USOC:TWBNX)	5 Year Term (USOC: TWBPX)
25	\$653.00	\$464.00
26	650.00	462.00
27	648.00	460.00
28	645.00	458.00
29	643.00	456.00
30	640.00	454.00
31	638.00	452.00
32	635.00	450.00
33	633.00	448.00
34	630.00	446.00
35	628.00	444.00
36	625.00	442.00
37	613.00	440.00
38	610.00	438.00
39	608.00	434.00
40	605.00	430.00
41	603.00	425.00
42	600.00	420.00
43	598.00	415.00
44	595.00	410.00
45	593.00	405.00
46	590.00	400.00
47	588.00	395.00
48 and Over	585.00	390.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(1) Terminations,  
(c)per STS1/51.84  
Mbps Termination  
with a Fractional  
OC12 InterfaceMonthly Rate  
3 Year Term  
(USOC:TWBNX)Monthly Rate  
5 Year Term  
(USOC: TWBPX)

1	\$2,310.00	\$1,905.00	
2	2,260.00	1,705.00	
3	1,860.00	1,605.00	
4	1,335.00	1,205.00	
5	1,175.00	970.00	(I)
6	896.00	855.00	(I)
7	816.00	745.00	(I)
8	756.00	665.00	(I)
9	710.00	605.00	(I)
10	672.00	545.00	(I)
11	642.00	500.00	(I)
12	616.00	470.00	(I)
13	608.00	465.00	(I)
14	605.00	455.00	(I)
15	603.00	450.00	(I)
16	600.00	445.00	(I)
17	598.00	440.00	(I)
18	595.00	435.00	(I)
19	593.00	430.00	(I)
20	590.00	424.00	
21	588.00	422.00	
22	585.00	420.00	
23	583.00	418.00	
24	580.00	416.00	

\* Rates are applicable in all Price Density Zones.

(TR 56)

Issued: June 18, 2001

Effective: July 3, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(1) Terminations, (c)per STS1/51.84 Mbps Termination with a Fractional OC12 Interface	Monthly Rate 3 Year Term (USOC:TWBNX)	Monthly Rate 5 Year Term (USOC: TWBPX)
25	\$578.00	\$414.00
26	575.00	412.00
27	573.00	410.00
28	570.00	408.00
29	568.00	406.00
30	565.00	404.00
31	563.00	402.00
32	560.00	400.00
33	558.00	398.00
34	555.00	396.00
35	553.00	394.00
36	550.00	392.00
37	538.00	390.00
38	535.00	388.00
39	533.00	384.00
40	530.00	380.00
41	528.00	375.00
42	525.00	370.00
43	523.00	365.00
44	520.00	360.00
45	518.00	355.00
46	515.00	350.00
47	513.00	345.00
48 and Over	510.00	340.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(1) Terminations, (d)per STS1/51.84 Mbps Termination with a Fractional OC48 Interface	Monthly Rate	Monthly Rate
	3 Year Term (USOC:T8XJ3)	5 Year Term (USOC: T8XJ5)
1	\$6,288.00	\$4,488.00
2	3,144.00	2,244.00
3	2,096.00	1,496.00
4	1,572.00	1,122.00
5	1,258.00	898.00
6	1,048.00	748.00
7	898.00	641.00
8	786.00	561.00
9	699.00	499.00
10	629.00	449.00
11	572.00	408.00
12	524.00	374.00
13	517.00	373.00
14	515.00	371.00
15	513.00	369.00
16	510.00	368.00
17	509.00	366.00
18	506.00	364.00
19	505.00	363.00
20	502.00	361.00
21	500.00	359.00
22	498.00	357.00
23	496.00	356.00
24	493.00	354.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF)(Cont'd)

## (A) Special Access Transport\* (Cont'd)

(1) Terminations, (d)per STS1/51.84 Mbps Termination with a Fractional OC48 Interface	Monthly Rate	Monthly Rate
	3 Year Term (USOC:T8XJ3)	5 Year Term (USOC: T8XJ5)
25	\$492.00	\$352.00
26	489.00	351.00
27	488.00	349.00
28	485.00	347.00
29	483.00	346.00
30	481.00	344.00
31	479.00	342.00
32	476.00	340.00
33	475.00	339.00
34	472.00	337.00
35	471.00	335.00
36	468.00	334.00
37	458.00	332.00
38	455.00	330.00
39	454.00	327.00
40	451.00	323.00
41	449.00	319.00
42	447.00	315.00
43	445.00	311.00
44	442.00	306.00
45	441.00	302.00
46	438.00	298.00
47	437.00	294.00
48 and Over	434.00	289.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(2) IEF Electrical Interfaces		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
- STS1 Interface#			
3 Year Term	P8TS3	\$157.00	\$1.00
5 Year Term	P8TS5	105.00	1.00
- DS3 Interface#			
3 Year Term	P8T33	157.00	1.00
5 Year Term	P8T35	105.00	1.00
- DS1 Interface#			
3 Year Term	P8T13	45.00 (R)	1.00
5 Year Term	P8T15	35.00 (R)	1.00
(3) IEF Installation Charge, per Termination		<u>USOC</u>	<u>Nonrecurring Charge</u>
- STS1 w/separate Interface		NRB6S	\$1.00
- STS1 w/Fractional OC3 Interface		NRB6S	2.00
- STS1 w/Fractional OC12 Interface		NRB6S	2.00
- STS1 w/Fractional OC48 Interface		NRB6S	3.00

# DS1 (1.544 Mbps), DS3 (44.736 Mbps), and STS1 (51.84 Mbps) Electrical IEF Interfaces are not available until December 11, 1999.

\* Rates are applicable in all Price Density Zones.

(TR 56)

Issued: June 18, 2001

Effective: July 3, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (B) Switched Access Transport\*

(1) Terminations, (a) per STS1/51.84 Mbps Termination**	Monthly Rate 3 Year Term (USOC: T7XA3)	Monthly Rate 5 Year Term (USOC: T7XA5)
1	\$2,150.00	\$1,800.00
2	2,100.00	1,600.00
3	1,700.00	1,500.00
4	1,175.00	1,100.00
5	1,000.00	750.00
6	783.00	567.00
7	699.00	507.00
8	636.00	462.00
9	588.00	427.00
10	548.00	399.00
11	516.00	375.00
12	489.00	357.00
13	480.00	354.00
14	477.00	352.00
15	475.00	350.00
16	472.00	348.00
17	470.00	346.00
18	467.00	344.00
19	465.00	342.00
20	462.00	340.00
21	459.00	338.00
22	456.00	336.00
23	454.00	333.00
24	451.00	331.00

\* Rates are applicable in all Price Density Zones.

\*\* Interface sold separately.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(3) Terminations, (a)per STS1/51.84 Mbps Termination**	Monthly Rate 3 Year Term (USOC:T7XA3)	Monthly Rate 5 Year Term (USOC: T7XA5)
25	\$449.00	\$329.00
26	446.00	327.00
27	444.00	325.00
28	441.00	323.00
29	438.00	321.00
30	435.00	319.00
31	433.00	317.00
32	430.00	315.00
33	428.00	312.00
34	425.00	310.00
35	423.00	308.00
36	420.00	306.00
37	407.00	304.00
38	404.00	302.00
39	402.00	298.00
40	399.00	294.00
41	396.00	288.00
42	393.00	283.00
43	391.00	278.00
44	388.00	273.00
45	386.00	267.00
46	383.00	262.00
47	381.00	257.00
48 and Over	378.00	252.00

\* Rates are applicable in all Price Density Zones.

\*\* Interface sold separately.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(1) Terminations, (b)per STS1/51.84 Mbps Termination with a Fractional OC3 Interface	Monthly Rate	Monthly Rate
	3 Year Term (USOC: T7XA3)	5 Year Term (USOC: T7XA5)
1	\$2,310.00	\$1,905.00
2	2,260.00	1,705.00
3	1,860.00	1,605.00
4	1,335.00	1,205.00
5	1,175.00	855.00
6	971.00	690.00
7	891.00	633.00
8	831.00	590.00
9	785.00	557.00
10	747.00	530.00
11	717.00	508.00
12	691.00	490.00
13	683.00	488.00
14	680.00	486.00
15	678.00	484.00
16	675.00	482.00
17	673.00	480.00
18	670.00	478.00
19	668.00	476.00
20	665.00	474.00
21	663.00	472.00
22	660.00	470.00
23	658.00	468.00
24	655.00	466.00

\* Rates are applicable in all Price Density Zones.

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Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(1) Terminations, (b)per STS1/51.84 Mbps Termination with a Fractional OC3 Interface	Monthly Rate	Monthly Rate
	3 Year Term (USOC:T7XA3)	5 Year Term (USOC: T7XA5)
25	\$653.00	\$464.00
26	650.00	462.00
27	648.00	460.00
28	645.00	458.00
29	643.00	456.00
30	640.00	454.00
31	638.00	452.00
32	635.00	450.00
33	633.00	448.00
34	630.00	446.00
35	628.00	444.00
36	625.00	442.00
37	613.00	440.00
38	610.00	438.00
39	608.00	434.00
40	605.00	430.00
41	603.00	425.00
42	600.00	420.00
43	598.00	415.00
44	595.00	410.00
45	593.00	405.00
46	590.00	400.00
47	588.00	395.00
48 and Over	585.00	390.00

\* Rates are applicable in all Price Density Zones.

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Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(1) Terminations, (c)per STS1/51.84 Mbps Termination with a Fractional OC12 Interface			Monthly Rate 3 Year Term (USOC: T7XA3)	Monthly Rate 5 Year Term (USOC: T7XA5)
1			\$2,310.00	\$1,905.00
2			2,260.00	1,705.00
3			1,860.00	1,605.00
4			1,335.00	1,205.00
5			1,175.00	855.00
6			896.00	640.00
7			816.00	583.00
8			756.00	540.00
9			710.00	507.00
10			672.00	480.00
11			642.00	458.00
12			616.00	440.00
13			608.00	438.00
14			605.00	436.00
15			603.00	434.00
16			600.00	432.00
17			598.00	430.00
18			595.00	428.00
19			593.00	426.00
20			590.00	424.00
21			588.00	422.00
22			585.00	420.00
23			583.00	418.00
24			580.00	416.00

\* Rates are applicable in all Price Density Zones.

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Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(1) Terminations, (c)per STS1/51.84 Mbps Termination with a Fractional OC12 Interface	Monthly Rate	Monthly Rate
	3 Year Term (USOC:T7XA3)	5 Year Term (USOC:T7XA5)
25	\$578.00	\$414.00
26	575.00	412.00
27	573.00	410.00
28	570.00	408.00
29	568.00	406.00
30	565.00	404.00
31	563.00	402.00
32	560.00	400.00
33	558.00	398.00
34	555.00	396.00
35	553.00	394.00
36	550.00	392.00
37	538.00	390.00
38	535.00	388.00
39	533.00	384.00
40	530.00	380.00
41	528.00	375.00
42	525.00	370.00
43	523.00	365.00
44	520.00	360.00
45	518.00	355.00
46	515.00	350.00
47	513.00	345.00
48 and Over	510.00	340.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(1) Terminations,  
(d)per STS1/51.84  
Mbps Termination  
with a Fractional  
OC48 Interface

	Monthly Rate 3 Year Term (USOC:T7XA3)	Monthly Rate 5 Year Term (USOC:T7XA5)
1	\$6,288.00	\$4,488.00
2	3,144.00	2,244.00
3	2,096.00	1,496.00
4	1,572.00	1,122.00
5	1,258.00	898.00
6	1,048.00	748.00
7	898.00	641.00
8	786.00	561.00
9	699.00	499.00
10	629.00	449.00
11	572.00	408.00
12	524.00	374.00
13	517.00	373.00
14	515.00	371.00
15	513.00	369.00
16	510.00	368.00
17	509.00	366.00
18	506.00	364.00
19	505.00	363.00
20	502.00	361.00
21	500.00	359.00
22	498.00	357.00
23	496.00	356.00
24	493.00	354.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

## (2) Terminations,

(d)per STS1/51.84  
Mbps Termination  
with a Fractional  
OC48 InterfaceMonthly Rate  
3 Year Term  
(USOC:T7XA3)Monthly Rate  
5 Year Term  
(USOC: T7XA5)

25	\$492.00	\$352.00
26	489.00	351.00
27	488.00	349.00
28	485.00	347.00
29	483.00	346.00
30	481.00	344.00
31	479.00	342.00
32	476.00	340.00
33	475.00	339.00
34	472.00	337.00
35	471.00	335.00
36	468.00	334.00
37	458.00	332.00
38	455.00	330.00
39	454.00	327.00
40	451.00	323.00
41	449.00	319.00
42	447.00	315.00
43	445.00	311.00
44	442.00	306.00
45	441.00	302.00
46	438.00	298.00
47	437.00	294.00
48 and Over	434.00	289.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Entrance Facility (IEF)(Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(2) IEF Electrical Interfaces		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
- STS1 Interface#			
3 Year Term	P8TE3	\$157.00	\$1.00
5 Year Term	P8TE5	105.00	1.00
- DS3 Interface#			
3 Year Term	P8TG3	157.00	1.00
5 Year Term	P8TG5	105.00	1.00
(3) IEF Installation Charge, per Termination		<u>USOC</u>	<u>Nonrecurring Charge</u>
- STS1 w/separate Interface		NRB6T	\$1.00
- STS1 w/Fractional OC3 Interface		NRB6T	2.00
- STS1 w/Fractional OC12 Interface		NRB6T	2.00
- STS1 w/Fractional OC48 Interface		NRB6T	3.00

\* Rates are applicable in all Price Density Zones.

# DS3 (44.736 Mbps) and STS1 (51.84 Mbps) Electrical Interfaces are not available until December 11, 1999.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.5 IntelliLight® Broadband Transport (IBT)

## (A) IBT Channel Terminations\*

(1) Standard Channel Termination,  
per point of termination

	<u>USOC</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
<u>Month-to-Month</u>				
- OC3, OC3c or STM1				
- Basic	TZGOX	\$ 4,597.00	(I)	\$1.00
- W/ FPD	TZGRX	\$ 5,150.00	(I)	1.00
- OC12, OC12c				
- Basic	TZGOX	9,800.00		2.00
- W/ FPD	TZGRX	10,500.00		2.00
<u>3 Year Term</u>				
- OC3, OC3c or STM1				
- Basic	TZGSX	3,325.00	(R)	1.00
- W/ FPD	TZGTX	3,800.00	(R)	1.00
- OC12, OC12c				
- Basic	TZGSX	6,530.00		2.00
- W/ FPD	TZGTX	7,280.00		2.00
<u>5 Year Term</u>				
- OC3, OC3c or STM1				
- Basic	TZG5X	3,200.00		1.00
- W/ FPD	TZG6X	3,700.00		1.00
- OC12, OC12c				
- Basic	TZG5X	4,500.00		2.00
- W/ FPD	TZG6X	4,950.00		2.00

\* Rates are applicable in all Price Density Zones.

(TR 126)

Issued: December 6, 2001

Effective: December 21, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.5 IntelliLight® Broadband Transport (IBT) (Cont'd)

## (A) IBT Channel Terminations (Cont'd)

## (2) Office Channel Termination (OCT)\*

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(a) OCT Cross Connect, per				(T)
2-fiber termination				
- OC3 or OC3c	TJKEC			
New York/Connecticut		None	\$393.44	
All Other States		\$12.25	393.44	
- OC12 or OC12c	TJKEC			
New York/Connecticut		None	393.44	
All Other States		12.25	393.44	
4-fiber termination				(N)
- OC3 or OC3c	TJK7C			
New York/Connecticut		None	393.44	
All Other States		24.50	393.44	
- OC12 or OC12c	TJK7C			
New York/Connecticut		None	393.44	
All Other States		24.50	393.44	(N)
(a) OCT Termination Charge#				
(1) per OCT to a Telephone Company-provided POT Bay				
- OC3 or OC3c	TJKEY	7.60	None	
- OC12 or OC12c	TJKEY	7.60	None	
(2) per OCT to a Customer provided, Telephone Company maintained POT Bay				
- OC3 or OC3c	TJKEZ	1.52	None	
- OC12 or OC12c	TJKEZ	1.52	None	

\* Effective November 28, 2000, cross connection to an Expanded Interconnection multiplexing node in the states of New York and Connecticut is also subject to the rates set forth in Section 31.28.1(C) and (D) following.

# Not applicable in the states of New York and Connecticut.

(TR 44)

Issued: May 31, 2001

Effective: June 15, 2001

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.4 IntelliLight® Broadband Transport (IBT) (Cont'd)

## (A) IBT Channel Terminations (Cont'd)

(3) Virtual Office Channel Termination (VOCT)\*,  
per 2-fiber cross-connect

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
per 2-fiber cross-connect				
New York/Connecticut				
- OC3 or OC3c	TJKEV	None	\$393.44	
- OC12 or OC12c	TJKEV	None	393.44	
All Other States				
- OC3 or OC3c	TJKFV	\$9.48	393.44	
- OC12 or OC12c	TJKFV	9.48	393.44	
Per 4-fiber cross-connect				(N)
New York/Connecticut				
- OC3 or OC3c	TJK7V	None	393.44	
- OC12 or OC12c	TJK7V	None	393.44	
All Other States				
- OC3 or OC3c	TJK8V	18.96	393.44	
- OC12 or OC12c	TJK8V	18.96	393.44	(N)

## (4) Enhanced Ordering Option (EOO),

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per OCT or VOCT			
- Ocn	TJKEM	\$16.53	\$176.25
EOO Processing Charge			
Per service order	CF3SA	None	26.00

\* Effective November 28, 2000, cross connection to an Expanded Interconnection virtual collocation arrangement in the states of New York and Connecticut is also subject to the rates set forth in Section 31.28.2(L) following.

(TR 44)

Issued: May 31, 2001

Effective: June 15, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.5 IntelliLight® Broadband Transport (IBT) (Cont'd)

## (B) Ports\*

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) Month-to-Month			
OC3 - 2 fiber	SPR2M	\$ 283.00	\$1.00
OC3 - 4 fiber 1+1	SPR4M	525.00	1.00
OC3c or STM1 - 2 fiber	SPR2M	336.00	1.00
OC3c or STM1 - 4 fiber 1+1	SPR4M	630.00	1.00
OC12 - 2 fiber	SPR2M	630.00	2.00
OC12 - 4 fiber 1+1	SPR4M	1,200.00	2.00
OC12c - 2 fiber	SPR2M	730.00	2.00
OC12c - 4 fiber 1+1	SPR4M	1,400.00	2.00
(2) 3 Year Term			
OC3 - 2 fiber	SPR23	\$ 230.00	\$1.00
OC3 - 4 fiber 1+1	SPR43	450.00	1.00
OC3c or STM1 - 2 fiber	SPR23	260.00	1.00
OC3c or STM1 - 4 fiber 1+1	SPR43	480.00	1.00
OC12 - 2 fiber	SPR23	460.00	2.00
OC12 - 4 fiber 1+1	SPR43	900.00	2.00
OC12c - 2 fiber	SPR23	480.00	2.00
OC12c - 4 fiber 1+1	SPR43	930.00	2.00
(3) 5 Year Term			
OC3 - 2 fiber	SPR25	\$ 160.00	\$1.00
OC3 - 4 fiber 1+1	SPR45	300.00	1.00
OC3c or STM1 - 2 fiber	SPR25	180.00	1.00
OC3c or STM1 - 4 fiber 1+1	SPR45	320.00	1.00
OC12 - 2 fiber	SPR25	320.00	2.00
OC12 - 4 fiber 1+1	SPR45	600.00	2.00
OC12c - 2 fiber	SPR25	360.00	2.00
OC12c - 4 fiber 1+1	SPR45	650.00	2.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042



## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.5 IntelliLight® Broadband Transport (IBT) (Cont'd)

## (C) Channel Mileage\*

	<u>USOC</u>	<u>Fixed</u>	<u>Monthly Rate</u>	<u>Per Mile</u>	
(1) Month-to-Month					
- OC3, OC3c or STM1					
- Basic	1H6OS	\$2,625.00		\$ 462.00	
- W/ FPD	1H6RS	\$2,625.00		\$ 485.00	(I)
- OC12, OC12c					
- Basic	1H6OS	6,000.00		1,160.00	
- W/ FPD	1H6RS	6,000.00		1,475.00	
(2) 3 Year Term					
- OC3, OC3c or STM1					
- Basic	1H6SS	2,310.00		324.00	(R)
- W/ FPD	1H6TS	2,310.00		346.00	
- OC12, OC12c					
- Basic	1H6SS	5,000.00		900.00	
- W/ FPD	1H6TS	5,000.00		1,160.00	
(3) 5 Year Term					
- OC3, OC3c or STM1					
- Basic	1H65S	1,900.00	(R)	178.00	
- W/ FPD	1H66S	1,900.00	(R)	199.00	
- OC12, OC12c					
- Basic	1H65S	3,500.00		450.00	
- W/ FPD	1H66S	3,500.00		525.00	(I)

\* Rates are applicable in all Price Density Zones.

(TR 126)

Issued: December 6, 2001

Effective: December 21, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.6 IntelliLight® Shared Single Path (ISSP)

## (A) Special Access Transport\*

(1) STS1 Channel  
Termination

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
			<u>Initial</u>	<u>Additional</u>
(a) Standard Channel Termination, per point of termination				
- All States				
with STS1 Interface				
- Month-to-Month	T8XMX	\$3,000.00	\$ 1.00	\$ 0.75
- 3 Year Term Plan	T8XM3	2,600.00	1.00	0.75
- 5 Year Term Plan	T8XM5	1,700.00	1.00	0.75
with DS3 Interface				
- Month-to-Month	T8XNX	3,000.00	1.00	0.75
- 3 Year Term Plan	T8XN3	2,600.00	1.00	0.75
- 5 Year Term Plan	T8XN5	1,700.00	1.00	0.75

(b) Office Channel  
Termination (OCT)\*\*,  
per STS1

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) OCT Cross Connect			
- New York/Connecticut	CY3AX	None	\$393.44
- All Other States	CY31X	\$19.23	393.44

\* Rates are applicable in all Price Density Zones.

\*\* Cross connection to an Expanded Interconnection multiplexing node in the states of New York and Connecticut is also subject to the rates set forth in Section 31.28.1(C) and (D) following.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.6 IntelliLight® Shared Single Path (ISSP) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(1) STS1 Channel  
Termination (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(b) Office Channel Termination (OCT)**, per STS1 (Cont'd)			

## (2) OCT Termination#

- per OCT Cross Connect to a Telephone Company- provided POT Bay	CY3AY	\$19.89	None
- per OCT Cross Connect to a Customer-provided, Telephone Company- Maintained POT Bay	CY3AZ	5.88	None

\* Rates are applicable in all Price Density Zones.

\*\* Cross connection to an Expanded Interconnection multiplexing node in the states of New York and Connecticut is also subject to the rates set forth in Section 31.28.1(C) and (D) following.

# Not applicable in the states of New York and Connecticut.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.6 IntelliLight® Shared Single Path (ISSP) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

(1) STS1 Channel Termination (Cont'd)	<u>USOC</u>	Monthly Rate	<u>Nonrecurring Charge</u>
(c) Virtual Office Channel Termination (VOCT)**, per STS1			
- New York/Connecticut	CY3AV	None	\$393.44
- All Other States	CY31V	\$11.69	393.44
(d) Enhanced Ordering Option (EOO), per OCT Cross Connect or VOCT	C1FAE	16.53	176.25
EOO Processing Charge	NRMay	None	26.00

\* Rates are applicable in all Price Density Zones.

\*\* Cross connection to an Expanded Interconnection multiplexing node in the states of New York and Connecticut is also subject to the rates set forth in Section 31.28.1(C) and (D) following.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.6 IntelliLight® Shared Single Path (ISSP) (Cont'd)

## (A) Special Access Transport\* (Cont'd)

## (2) STS1 Channel Mileage

		<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	
- Month-to-Month	1H7JS	\$750.00	\$185.00	None
- 3 Year Term Plan	1H7J3	650.00	150.00	None
- 5 Year Term Plan	1H7J5	600.00	80.00	None

## (3) Optional Features

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
STS1/DS1 Multiplexing			
- Month-to-Month	MPEEX	\$488.00	\$600.00
- 3 Year Term Plan	MPEE3	438.00	600.00
- 5 Year Term Plan	MPEE5	392.00	600.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.6 IntelliLight® Shared Single Path (ISSP) (Cont'd)

## (B) Switched Access Transport\*

(1) Entrance Facility Channel Termination	<u>USOC</u>	Monthly <u>Rate</u>	Nonrecurring Charge	
			<u>Initial</u>	<u>Additional</u>
(a) Entrance Facility Standard Channel Termination, per STS1				
- All States				
- Month-to-Month	EFYSX	\$3,000.00	\$ 1.00	\$ 0.75
- 3 Year Term Plan	EFYUX	2,600.00	1.00	0.75
- 5 Year Term Plan	EFYWX	1,700.00	1.00	0.75
(b) Entrance Facility Office Channel Termination (OCT)**, per STS1	<u>USOC</u>	Monthly <u>Rate</u>	<u>Nonrecurring Charge</u>	
(1) OCT Cross Connect				
- New York/Connecticut	CY35X	None	\$393.44	
- All Other States	CY36X	\$19.23	393.44	

\* Rates are applicable in all Price Density Zones.

\*\* Cross connection to an Expanded Interconnection multiplexing node in the states of New York and Connecticut is also subject to the rates set forth in Section 31.28.1(C) and (D) following.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.6 IntelliLight® Shared Single Path (ISSP) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(1) Entrance Facility  
Channel Termination  
(Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(b) Entrance Facility Office Channel Termination (OCT)**, per STS1 (Cont'd)			
(1) OCT Termination#			
- per OCT Cross Connect to a Telephone Company- provided POT Bay	CY35Y	\$19.89	None
- per OCT Cross Connect to a Customer-provided, Telephone Company- Maintained POT Bay	CY35Z	5.88	None

\* Rates are applicable in all Price Density Zones.

\*\* Cross connection to an Expanded Interconnection multiplexing node in the states of New York and Connecticut is also subject to the rates set forth in Section 31.28.1(C) and (D) following.

# Not applicable in the states of New York and Connecticut.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.6 IntelliLight® Shared Single Path (ISSP) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(1) Entrance Facility  
Channel Termination  
(Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(c) Entrance Facility Virtual Office Channel Termination (VOCT)**, per STS1			
- New York/Connecticut	CY35V	None	\$393.44
- All Other States	CY36V	\$11.69	393.44
(d) Enhanced Ordering Option (EOO), per OCT Cross Connect or VOCT	C1FAF	16.53	176.25
EOO Processing Charge	NRMAZ	None	26.00

\* Rates are applicable in all Price Density Zones.

\*\* Cross connection to an Expanded Interconnection multiplexing node in the states of New York and Connecticut is also subject to the rates set forth in Section 31.28.1(C) and(D) following.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042



## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.26 SONET Services (Cont'd)31.26.6 IntelliLight® Shared Single Path (ISSP) (Cont'd)

## (B) Switched Access Transport\* (Cont'd)

(2) Direct Trunked  
Transport Channel  
Mileage

	<u>USOC</u>	<u>Monthly Rate</u>		Nonrecurring Charge
		<u>Fixed</u>	<u>Per Mile</u>	
STS1 Channel Mileage				
- Month-to-Month	1H7KS	\$750.00	\$185.00	None
- 3 Year Term Plan	1H7K3	650.00	150.00	None
- 5 Year Term Plan	1H7K5	600.00	80.00	None

## (3) Optional Features

		<u>Monthly Rate</u>	Nonrecurring Charge
STS1/DS1 Multiplexing			
- Month-to-Month	MPEGX	\$488.00	\$600.00
- 3 Year Term Plan	MPEG3	438.00	600.00
- 5 Year Term Plan	MPEG5	392.00	600.00

\* Rates are applicable in all Price Density Zones.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.27 Interconnection Between Collocated Spaces

(N)

31.27.1 Dedicated Transit Service (DTS)

	<u>USOC</u>	<u>Nonrecurring Charge</u>	
(A) Service Order Charge, per order			
New York/Connecticut	(Note)	\$ 90.27	
All Other States	(Note)	67.59	
(B) Circuit Provisioning, per circuit			
New York/Connecticut			
- per DS1	(Note)	192.24	
- per DS3/STS1	(Note)	249.97	
- per Dark Fiber, per pair	(Note)	249.97	
All Other States			
- per DS1	(Note)	155.00	
- per DS3/STS1	(Note)	205.11	
- per Dark Fiber, per pair	(Note)	205.11	(N)

(Note) USOC to be assigned at a later date.

(TR 99)

Issued: September 28, 2001

Effective: October 13, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

## ACCESS SERVICE

32. The Verizon Telephone Companies Rates and Charges (Cont'd)31.27 Interconnection Between Collocated Spaces

(N)

31.27.1 Dedicated Transit Service (DTS) (Cont'd)Nonrecurring  
Charge

(C) Dark Fiber Connecting Channel  
Termination, per 2 strand OCn  
connected to a collocation  
arrangement

Rates and charges are set  
forth in Section  
31.26.5(A)(2) for physical  
collocation arrangements and  
Section 31.26.5(A)(3) for  
virtual collocation  
arrangements

(D) Lit Fiber and Other Technically Feasible Cross-Connect  
Arrangements

Individual Case Basis (ICB) Rates and Charges are filed following.

(N)

(TR 99)

Issued: September 28, 2001

Effective: October 13, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.28 Expanded Interconnection31.28.1 Expanded Interconnection Space and Facility Rates and Charges\*

		USOC	Nonrecurring Charges <sup>+</sup>
(A)	<u>Per Office</u>		
(1)	For Expanded Interconnection Applications Received Prior to December 26, 1998		
	- per first 100 sq. ft.	NRBBA	\$51,440.20
	- per add'l sq. ft.	NRBBB	257.20
(2)	For Expanded Interconnection Applications Received After December 26, 1998		
	- per first 100 sq. ft.	NRBYY	\$47,686.20
	- per add'l sq. ft.	NRBYZ	238.43

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

\* See Section 28. preceding for application of rates.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
2980 Fairview Park Drive, Falls Church, VA 22042

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

## (B) Expanded Interconnection Monthly Rates

## (1) Cable Space,

	<u>USOC</u>	<u>Monthly Rates</u> Fixed** (per multiplexing node or virtual collocation arrangement)
New York/Connecticut	SP1CC	\$45.60
All Other States	SP1CC	35.33 Per Linear Ft. per cable#
New York/Connecticut	SP1CD	\$0.22
All Other States	SP1CD	0.16

\* See Section 28. preceding for application of rates.

\*\* A microwave customer will not be assessed a fixed cable space charge unless the customer's cables and/or waveguide passes through the serving wire center cable vault.

A customer interconnecting its transmission equipment between its multiplexing nodes or virtual collocation arrangements within the same serving wire center, access tandem or remote node will not be assessed a fixed cable space charge.

# When determining the linear footage associated with interconnection of an Expanded Interconnection Arrangement and another Interexchange Carrier point of presence already located in the same Telephone Company building as the serving wire center, access tandem or remote node (i.e., a point of presence established under terms other than those specified for Expanded Interconnection), the linear footage to connect such locations will be measured from manhole zero to the multiplexing node or virtual collocation arrangement.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.28 Expanded Interconnection (Cont'd)31.28.1 Expanded Interconnection Space and Facility Rates and Charges\*  
(Cont'd)(B) Expanded Interconnection Monthly Rates (Cont'd)  
- Verizon New York Inc. Monthly Rate Bands(2) All Other Space\*\*

Monthly rates for all other space for Expanded Interconnection in Verizon New York Inc. Company serving wire centers are identified and rated in bands. The bands for each serving wire center are set forth in (B) following. The associated rates are set forth in (C) following.

<u>Veizon New York Inc. Wire Centers</u>	<u>All Other Space**</u>	<u>Veizon New York Inc. Wire Centers</u>	<u>All Other Space**</u>
Akron	Band 2	Batavia	Band 2
Albany - 1161 Washington Av	Band 1	Bath	Band 2
- 158 State St	Band 2	Beacon	Band 3
- Guilderland	Band 2	Bedford Village	Band 2
Albion	Band 1	Belfast	Band 4
Alden	Band 2	Bellmont	Band 4
Alexandria Bay	Band 2	Big Flats	Band 2
Altamont	Band 4	Binghamton	Band 2
Amber	Band 4	Black River	Band 4
Amenia	Band 4	Bliss	Band 4
Amsterdam	Band 4	Bolivar	Band 2
Angelica	Band 4	Bolton Landing	Band 4
Angola	Band 2	Boston	Band 2
Antwerp	Band 2	Brainardsville	Band 4
Arcade	Band 2	Brentwood	Band 4
Argyle	Band 4	Brewster	Band 4
Arkport	Band 4	Bridgeport	Band 2
Armonk	Band 2	Bronx - 117 East 167 St	Band 1
Attica	Band 2	- 1775 Grand Concourse	Band 1
Auburn	Band 2	- 2373 Tiebout Av	Band 2
Averill Park	Band 2	- 370 East 150 St	Band 2
Avoca	Band 4	- 3050 Cruger Av	Band 2
Babylon	Band 2	- 164 Schofield St	Band 2
Baldwinsville	Band 3	- 3001 Kingsbridge Av	Band 2
Ballston	Band 4	- 2829 Edson Av	Band 2
Barker	Band 4	- 2411 Tratman Av	Band 2
Barneveld	Band 4	- 1106 Hoe Av	Band 2

\* See Section 28. preceding for application of rates.

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

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.28 Expanded Interconnection (Cont'd)31.28.1 Expanded Interconnection Space and Facility Rates and Charges\*  
(Cont'd)(B) Expanded Interconnection Monthly Rates (Cont'd)  
- Verizon New York Inc. Monthly Rate Bands (Cont'd)

<u>Veizon New York Inc. Wire</u> <u>Centers</u>	All Other Space**	<u>Veizon New York Inc. Wire</u> <u>Centers</u>	All Other Space**
Brooklyn - 739 Rockaway Av	Band 1	Canaseraga	Band 3
- 2177 Albemarle Rd	Band 1	Canastota	Band 2
- 1421 Ocean Av	Band 1	Canisteo	Band 4
- 2101 West 12 St	Band 2	Canton	Band 4
- 1530 Carroll St	Band 1	Carlton	Band 3
- 7101 16 Av	Band 2	Carmel	Band 4
- 862 Liberty Av	Band 2	Carthage	Band 4
- 680 Fairview Av	Band 2	Castleton	Band 3
- 1070 Bushwick Av	Band 3	Caton	Band 4
- 77013 3 Av	Band 2	Catskill	Band 2
- 547 Clinton Av	Band 2	Cattaraugus	Band 2
- 2885 Ocean Av	Band 2	Center Brunswick	Band 2
- 360 Bridge St	Band 2	Central Bridge	Band 2
- 1101 Av R	Band 2	Chappaqua	Band 4
- 4101 14 Av	Band 2	Chateaugay	Band 4
- 5515 AV I	Band 4	Cheektowaga	Band 2
- 335 14 St	Band 4	Cherry Creek	Band 3
- Williamsburg	Band 4	Cherry Valley	Band 3
Buffalo - 548 Elmwood Av	Band 1	Chittenango	Band 2
- 1861 South Park Av	Band 1	Cicero	Band 3
- 2743 Main St	Band 2	Clarence	Band 2
- 2045 Bailey Av	Band 2	Clarence Center	Band 4
- 935 Hertel Av	Band 1	Clarksville	Band 4
- 65 Franklin	Band 2	Claverack	Band 4
Byron	Band 4	Clay	Band 2
Cairo	Band 4	Clayton	Band 4
Callicoon	Band 2	Cleveland	Band 4
Cambridge	Band 4	Clifton Park	Band 3
Camden	Band 2	Clinton Corners	Band 4
Cameron	Band 4	Clintondale	Band 4
Campbell	Band 2		

\* See Section 28. preceding for application of rates.

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

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Issued: April 13, 2001

Effective: April 28, 2001

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(Cont'd)(B) Expanded Interconnection Monthly Rates (Cont'd)  
- Verizon New York Inc. Monthly Rate Bands (Cont'd)

<u>Verizon New York Inc. Wire</u>	All Other Space**	<u>Verizon New York Inc. Wire</u>	All Other Space**
<u>Centers</u>		<u>Centers</u>	
Clyde	Band 3	E. Northport	Band 2
Cobleskill	Band 2	Ebenezer	Band 2
Cold Spring	Band 4	Eden	Band 4
Colton	Band 4	Edmeston	Band 4
Commack	Band 2	Elba	Band 2
Congers	Band 4	Elizabethtown	Band 1
Constantia	Band 4	Ellenburg Depot	Band 4
Cooperstown	Band 2	Ellenville	Band 2
Copenhagen	Band 3	Ellicottville	Band 4
Corning	Band 2	Elmira	Band 1
Cornwall	Band 2	Elmsford	Band 4
Cortland	Band 2	Endicott	Band 2
Croton on Hudson	Band 4	Esperance	Band 4
Cuba	Band 2	Evans Mills	Band 4
Cutchogue	Band 4	Fabius	Band 4
Dannemora	Band 4	Farmingdale	Band 2
Davenport	Band 4	Fayette	Band 4
Deer Park	Band 2	Fayetteville	Band 2
Delanson	Band 2	Fire Island Ocean	Band 4
Delmar	Band 4	Fishkill	Band 3
Derby	Band 2	Fleischmanns	Band 2
Dobbs Ferry	Band 2	Floral Park	Band 2
Dolgeville	Band 2	Forestville	Band 4
Dover Plains	Band 2	Fort Ann	Band 4
Dunkirk	Band 2	Fort Covington	Band 2
E. Aurora	Band 2	Franklinville	Band 4
E. Berne	Band 3	Freehold	Band 4
E. Glenville	Band 2	Freeport	Band 1
E. Greenbush	Band 3	Friendship	Band 4
E. Hampton	Band 4	Galway	Band 4

\* See Section 28. preceding for application of rates.

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

\*\*\* Leased quarters, landlord approval pending.

(TR 24)

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Effective: April 28, 2001

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(Cont'd)(B) Expanded Interconnection Monthly Rates (Cont'd)  
- Verizon New York Inc. Monthly Rate Bands (Cont'd)

<u>Verizon New York Inc. Wire</u>	<u>All</u>	<u>Verizon New York Inc. Wire</u>	<u>All</u>
<u>Centers</u>	<u>Other</u>	<u>Centers</u>	<u>Other</u>
	<u>Space**</u>		<u>Space**</u>
Garden City	Band 1	Heuvelton	Band 4
Garrison	Band 4	Hicksville	Band 2
Gasport	Band 2	High Falls	Band 4
Geneva	Band 2	Highland	Band 2
Getzville	Band 4	Highland Falls	Band 4
Glen Cove	Band 2	Hindsdale	Band 4
Glens Falls	Band 2	Hobart	Band 2
Gouverneur	Band 2	Holland	Band 2
Gowanda	Band 1	Holley	Band 2
Grahamsville	Band 4	Homer	Band 2
Grand Gorge	Band 3	Hoosick Falls	Band 3
Grand Island	Band 4	Hornell	Band 1
Granville	Band 4	Horseheads	Band 1
Great Neck	Band 1	Hudson	Band 2
Greenfield Center	Band 4	Hudson Falls	Band 4
Greenport	Band 4	Hunter	Band 4
Greenville	Band 4	Huntington State	Band 2
Greenwich	Band 3	Hyde Park	Band 2
Greenwood Lake	Band 4	Ilion	Band 1
Groton	Band 4	Ithaca - 212 North Tioga St	Band 2
Hague	Band 4	- 186 <sup>1/2</sup> Pleasant Grove	Band 2
Hamburg	Band 2	Java	Band 3
Hamilton	Band 1	Jeffersonville	Band 2
Hampton Bays	Band 4	Johnson City	Band 2
Harrison	Band 4	Jonesville	Band 3
Harrisville	Band 2	Jordan	Band 2
Hartwick	Band 2	Katonah	Band 4
Hempsted	Band 2	Kattskill Bay	Band 4
Herkimer	Band 1	Kauneoga Lake	Band 2

\* See Section 28. preceding for application of rates.

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

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Effective: April 28, 2001

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(Cont'd)(B) Expanded Interconnection Monthly Rates (Cont'd)  
- Verizon New York Inc. Monthly Rate Bands (Cont'd)

<u>Veizon New York Inc. Wire</u>	All Other <u>Space**</u>	<u>Veizon New York Inc. Wire</u>	All Other <u>Space**</u>
<u>Centers</u>		<u>Centers</u>	
Keene Valley	Band 4	Macedon	Band 2
Kendall	Band 2	Machias	Band 4
Kerhonkson	Band 4	Madrid	Band 2
Kingston	Band 2	Mahopac	Band 4
Kirkwood	Band 2	Maine	Band 4
Lafargeville	Band 2	Malone	Band 1
Lafayette	Band 2	Mamaroneck	Band 2
Lake George	Band 4	Manhasset	Band 2
Lake Huntington	Band 4	Manhattan - 227 East 30 <sup>th</sup> St	Band 2
Lake Placid	Band 3	- 151 East 97 St	Band 2
Lancaster	Band 2	- 140 West St	Band 2
Lansing	Band 2	- Two World Trade Ctr	Band 2
Larchmont	Band 2	- 380 Convent Av	Band 2
Latham	Band 2	- 608 West 176 St	Band 2
Levittown	Band 2	- 230 West 36 St	Band 2
Lewiston	Band 4	- 221 East 37 St	Band 2
Lexington	Band 4	- 50 Varick St	Band 3
Liberty	Band 2	- 50 Thayer St	Band 3
Limestone	Band 4	- 1095 Ave of the Americas	Band 4
Lindenhurst	Band 4	- 125 West 73 St	Band 3
Little Falls	Band 1	- Battery Park City	Band 3
Little Valley	Band 4	- 204 Second Av	Band 3
Livingston Manor	Band 3	- 435 West 50 St	Band 4
Lockport	Band 2	- 210 West 18 <sup>th</sup> St	Band 2
Long Beach	Band 2	- 208 East 79 St	Band 4
Lynbrook	Band 2	- 228 East 56 St	Band 4
Lyndonville	Band 2	- 193 Manhattan Av	Band 4
Lyon Mountain	Band 4	- 240 East 38 St	Band 4
Lyons	Band 2	- Broadway (33 Thomas)	Band 4
MacDougall	Band 2	- 104 Broad St	Band 2

\* See Section 28. preceding for application of rates.

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

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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(Cont'd)(B) Expanded Interconnection Monthly Rates (Cont'd)  
- Verizon New York Inc. Monthly Rate Bands (Cont'd)

<u>Verizon New York Inc. Wire</u>	<u>All</u>	<u>Verizon New York Inc. Wire</u>	<u>All</u>
<u>Centers</u>	<u>Other</u>	<u>Centers</u>	<u>Other</u>
	<u>Space**</u>		<u>Space**</u>
Mariaville	Band 2	Newfane	Band 2
Marion	Band 4	Newfield	Band 3
Marlboro	Band 4	Newtown	Band 4
Massapequa	Band 2	Niagara Falls - 574 Portage Rd	Band 2
Massena	Band 1	- 3085 Woodland Av	Band 2
Mastic	Band 4	- 135 76 <sup>th</sup> St	Band 4
McGraw	Band 1	Nichols	Band 4
McLean	Band 2	North Clove	Band 3
Mechanicville	Band 2	North Collins	Band 2
Medina	Band 1	North Greenbush	Band 4
Melville	Band 4	North Kingston (Lake Katrine)	Band 2
Mexico	Band 4	North Rose	Band 4
Middleport	Band 4	North Syracuse	Band 2
Milford	Band 3	Norfold	Band 1
Millbrook	Band 3	Norwood	Band 2
Milton	Band 4	Nyack	Band 3
Mineola	Band 2	Oak Hill	Band 4
Mineville	Band 4	Oakfield	Band 1
Minoa	Band 2	Ogdensburg	Band 1
Moir	Band 4	Olean	Band 4
Montauk	Band 4	Oneida	Band 1
Monticello	Band 1	Oneonta	Band 2
Moravia	Band 2	Ontario	Band 4
Morristown	Band 4	Orangeburg	Band 4
Mount Kisco	Band 3	Orchard Park	Band 2
Mount Vernon	Band 2	Osceola	Band 2
New City	Band 2	Ossining	Band 4
New Paltz	Band 2	Oswego	Band 2
New Rochelle	Band 1	Otego	Band 2
New Windsor	Band 4	Owasco	Band 4
Newark	Band 2	Owego	Band 2
Newburgh - Union Av	Band 2	Oyster Bay	Band 4
- 220 Liberty St	Band 2	Palenville	Band 4

\* See Section 28. preceding for application of rates.

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

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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(Cont'd)(B) Expanded Interconnection Monthly Rates (Cont'd)  
- Verizon New York Inc. Monthly Rate Bands (Cont'd)

<u>Veizon New York Inc. Wire</u>	All Other <u>Space**</u>	<u>Veizon New York Inc. Wire</u>	All Other <u>Space**</u>
<u>Centers</u>		<u>Centers</u>	
Palmyra	Band 2	Putnam Lake	Band 4
Pamona	Band 2	Putnam Valley	Band 4
Parish	Band 4	Queens - Astoria	Band 2
Patchogue	Band 2	- Bay Shore	Band 2
Patterson	Band 4	- Belle Harbor	Band 4
Pawling	Band 2	- Corona	Band 4
Pearl River	Band 3	- Far Rockaway	Band 2
Peekskill	Band 3	- Flushing	Band 2
Penn Yan	Band 2	- Forest Hills	Band 2
Peru	Band 4	- Hollis	Band 2
Phildelphia	Band 4	- Jamaica	Band 3
Philmont	Band 3	- JFK Airport (IA)	Band 4
Phoenicia	Band 4	- Laurelton	Band 3
Pittstown	Band 4	- Long Island City	Band 1
Plainview	Band 4	- Newtown	Band 3
Plattsburgh	Band 2	- North Jamaica	Band 2
Pleasant Valley	Band 4	- Ozone Park (115 Av)	Band 2
Pleasantville	Band 2	- Richmond Hill	Band 1
Poplar Ridge	Band 3	Ransomville	Band 4
Port Chester	Band 1	Red Creek	Band 4
Port Henry	Band 4	Richfield Springs	Band 1
Port Jefferson	Band 2		
Port Washington	Band 4	Richmondville	Band 4
Portville	Band 4	Riverhead	Band 2
Potsdam	Band 2	Rockaway	Band 1
Poughkeepsie - Spackenkill	Band 4	Rome	Band 2
- 20 S Hamilton St	Band 4	Ronkonkoma	Band 2
Prattsville	Band 4	Rosendale	Band 2
Presho	Band 4	Roslyn	Band 2
Purdys	Band 4	Round Lake	Band 4
Putnam	Band 4	Roxbury	Band 4

\* See Section 28. preceding for application of rates.

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

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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(Cont'd)(B) Expanded Interconnection Monthly Rates (Cont'd)  
- Verizon New York Inc. Monthly Rate Bands (Cont'd)

<u>Verizon New York Inc. Wire</u>	<u>All</u>	<u>Verizon New York Inc. Wire</u>	<u>All</u>
<u>Centers</u>	<u>Other</u>	<u>Centers</u>	<u>Other</u>
	<u>Space**</u>		<u>Space**</u>
Rushford	Band 4	Sodus	Band 2
Rye	Band 4	Southampton	Band 2
Sacketts Harbor	Band 4	Spring Valley	Band 2
Sag Harbor	Band 4	Springville	Band 2
Saint Regis Falls	Band 4	Stamford	Band 4
Salamanca	Band 1	Stanfordville	Band 4
Salem	Band 2	Star Lake	Band 2
Saranac	Band 4	Staten Island - North	Band 2
Saranac Lake	Band 1	- 42 New Dorp Ln	Band 4
Saratoga	Band 2	- 1745 Richmond Av	Band 4
Saugerties	Band 2	- 5180 Amboy Rd	Band 4
Savona	Band 4	Suffern	Band 2
Sayville	Band 2	Syosset	Band 3
Scarsdale	Band 2	Syracuse - 4725 S. Salina St	Band 1
Schenectady -133 Clinton St.	Band 2	- 3012 E. Genesee St	Band 2
Schenevus	Band 4	- 45 Gifford Dr	Band 2
Schroon Lake	Band 4	- 3325 James St	Band 2
Schuylerville	Band 2	- Dippold Av	Band 2
Selden	Band 1	- 201 S. State St	Band 2
Seneca Falls	Band 2	- Electronic Parkway	Band 2
Setauket	Band 3	Tannersville	Band 2
Sharon Springs	Band 4	Tarrytown	Band 2
Shokan	Band 4	Theresa	Band 4
Shoreham	Band 2	Ticonderoga	Band 2
Silver Creek	Band 2	Tonawanda	Band 2
Skaneateles	Band 2	Troy - 466-470 Third Av	Band 2
Sloatsburg	Band 4	- 94 Fourth St	Band 3
Smithtown	Band 2	Tuckahoe	Band 2
South Bethlehem	Band 2	Tully	Band 2
South Dayton	Band 2	Tupper Lake	Band 2
South Fallsburgh	Band 2	Tuxedo	Band 4
South Hartford	Band 4	Union Springs	Band 4
South Ozone Park	Band 2	Valley Falls	Band 2
South Salem	Band 4	Varysburg	Band 4
South Schenectady	Band 2		

\* See Section 28. preceding for application of rates.

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

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Effective: April 28, 2001

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(Cont'd)(B) Expanded Interconnection Monthly Rates (Cont'd)  
- Verizon New York Inc. Monthly Rate Bands (Cont'd)

<u>Veizon New York Inc. Wire</u>	All Other <u>Space**</u>	<u>Veizon New York Inc. Wire</u>	All Other <u>Space**</u>
<u>Centers</u>	<u>Band 4</u>	<u>Centers</u>	<u>Band 2</u>
Verona Beach	Band 4	Woodmere	Band 2
Voorheesville	Band 4	Woodstock	Band 2
Waddington	Band 4	Worcester	Band 4
Wanakah - S. 5119 Lake Shore Rd	Band 2	Yaphank	Band 2
Wantagh	Band 2	Yonkers	Band 1
Warrensburg	Band 3	Yorktown	Band 2
Waterloo	Band 2	Yorktown Heights	Band 4
Watertown	Band 2	Youngstown	Band 4
Watkins Glen	Band 2		
Waverly	Band 2		
Weedsport	Band 1		
Wellsville	Band 2		
Westbury	Band 4		
Westerlo	Band 3		
West Haverstraw	Band 4		
Westhampton Beach	Band 2		
White Plains	Band 4		
Whitehall	Band 2		
Whitesboro	Band 4		
Williamson	Band 2		
Williamsville	Band 2		
Willowvale	Band 4		
Willsboro	Band 4		
Wilson	Band 2		
Windham	Band 2		
Wingdale	Band 4		
Wolcott	Band 4		

\* See Section 28. preceding for application of rates.

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

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Effective: April 28, 2001

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(Cont'd)

## (B) Expanded Interconnection Monthly Rates+ (Cont'd)

- (2) All Other Space,\*\*
- 
- per sq. ft.

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

- (3) Basic D.C. Power,

- per Amp.			(T)(x)
New York/Connecticut	SP1PA	6.44	(T)(x)
All Other States	SP1PA	4.88	(T)(x)

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

\* See Section 28. preceding for application of rates.

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

(x) Filed under authority of Special Permission No. 01-098 of the Federal Communications Commission to reinstate regulations that previously appeared in Bell Atlantic Tariff F.C.C. No. 11 prior to the filing Transmittal of Nos. 1374 and 1375.

(TR 94)

Issued: September 25, 2001

Effective: September 26, 2001

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31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.28 Expanded Interconnection (Cont'd)31.28.1 Expanded Interconnection Space and Facility Rates and Charges\*  
(Cont'd)(C) Physical Expanded Interconnection Nonrecurring Charges#

(1) Pot Bay Frame		Nonrecurring <u>Charge</u>
- Option 1 (Material & Installation)	CY3MP	\$1,246.42
- Option 2 (Installation only)		
Band 1**	CY3N1	490.74
Band 2**	CY3N2	490.74
Band 3**	CY3N3	490.74
Band 4**	CY3N4	490.74
- Option 3		None
(2) OCT POT Bay Termination***		
- DS1, per 28 terminations	CY3HP	560.55
- DS3 or STS1, per termination	CY3KP	59.87
- per 12 fibers	CY3RP	776.17
(3) OCT Cable & Frame Termination		Nonrecurring <u>Charge</u>
- DS1, per 28 connections	CY3GP	\$2,208.24
- DS3 or STS1, per connection	CY3JP	1,153.85
- Per 12 fiber optical connection to FDF	CY3LP	2,855.30

\* See Section 28. preceding for application of rates.

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

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

\*\*\* Applies only when the Telephone Company provides the POT Bay as described in Section 28.1.3 and 28.6.2 preceding.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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(Cont'd)

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

\* See Section 28. preceding for application of rates.

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

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

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

(S) Reissued material originally filed under Transmittal No. 1373 and scheduled to become effective April 26, 2001.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(A) Application Fee		
New York/Connecticut		
- Initial	S2FAV	\$3,500.00
- Augment	S2FAQ	1,500.00
All Other States		
- Initial	S2FAV	3,389.34
- Augment	S2FAQ	1,717.02
(B) Engineering and Implementation		
New York/Connecticut		
Initial and Subsequent		
- Performed by Telephone Company	S2FD1	9,892.60
- Performed by customer designated, Telephone Company approved Vendor	S2FD2	7,937.50
Augment		
- Rearrangement of Equipment or cabling	S2FD3	8,176.08
- Software upgrade or cards	S2FD4	212.00
All Other States		
Initial and Subsequent	S2FD1	4,708.07
Augment		
- Rearrangement of Equipment or cabling	S2FD3	2,254.93
- Software upgrade or cards	S2FD4	198.29

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Issued: April 13, 2001

Effective: April 28, 2001

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

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(C) Expanded Interconnection Access Cable (EIAC)#		
Terminations Installed		
- Per (28) DS1s	NRBJA	126.80
- Per (1) DS3 or STS1	NRBJO	136.98
- OCn, 2 strand fiber		
OC3	NRBJP	96.47
OC12	NRBJQ	96.47
OC48	NRBJR	96.47

# Not applicable in the states of New York and Connecticut.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(D) Entrance Fiber Termination			
New York Connecticut			
Per 12-Fibers Terminated to Fiber Frame	S2FFV	\$59.33	None
All Other States			
Per 12-Fibers Terminated to Fiber Frame	S2FFV	\$46.26	None
(E) Connecting Virtual Office Channel Termination# Per Element in Service			
- DS1			
New York Connecticut	C2X9A	None	270.66
All Other States	C2X9A	0.78	270.66
- DS3 or STS1			
New York Connecticut	C2X8A	None	393.44
All Other States	C2X8A	11.69	393.44
- OCn, 2 strand			
New York Connecticut			
OC3	C2XJA	None	393.44
OC12	C2XKA	None	393.44
OC48	C2XLA	None	393.44
All Other States			
OC3	C2XJA	9.48	393.44
OC12	C2XKA	9.48	393.44
OC48	C2XLA	9.48	393.44

# Available only as a connection between equipment dedicated to that customer's specific use.

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Issued: April 13, 2001

Effective: April 28, 2001

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

		<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(F)	Equipment Fiber Distribution Frame to Virtual Collocation Arrangement, 2 strand fiber				
	New York/Connecticut	S2FJP	\$21.01	None	
	All Other States	S2FJP	5.00	None	
(G)	DC Power per Amp, per feed				(T)(x)
	New York/Connecticut	S2FDA	18.62	None	(T)(x)
	All Other States	S2FDA	12.94	None	(T)(x)
(H)	CATT to Virtual Fiber Distributing Frame				
	New York/Connecticut				
	Per 12-fibers terminated to the fiber frame	SP1KY	21.25	None	
	All Other States				
	Per 12-fibers terminated to the fiber frame	SP1KY	17.51	None	

x) Filed under authority of Special Permission No. 01-098 of the Federal Communications Commission to reinstate regulations that previously appeared in Bell Atlantic Tariff F.C.C. No. 11 prior to the filing Transmittal of Nos. 1374 and 1375.

(TR 94)

Issued: September 25, 2001

Effective: September 26, 2001

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

	<u>USOC</u>	<u>Monthly Rate</u>
Equipment Support Per 1/2 rack or fraction thereof		
New York/Connecticut		
- Band 1	S2FMW	\$28.83
- Band 2	S2FMX	31.85
- Band 3	S2FMY	34.26
- Band 4	S2FMZ	39.17
All Other States	S2FMU	13.58
(J) Spare Cabinet Per 1/2 rack or fraction thereof		
New York/Connecticut		
- Band 1	S2FCU	6.72
- Band 2	S2FCW	9.56
- Band 3	S2FCY	12.18
- Band 4	S2FCZ	16.63
All Other States	S2FNA	7.14
(K) Equipment Installation		<u>Nonrecurring Charge</u>
New York/Connecticut		Vendor Pass Through
	NRBNW	
All Other States		
OC3	NRBJB	\$1,262.25
OC12	NRBJX	1,262.25
OC48	NRBJX	1,262.25
Customer Specific Equipment	NRBNX	ICB Charge Applies

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Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

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

(L) VOCT Access Charge#

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
- DS1, per 28 connections	CY3UV	\$ 25.12	\$1,963.44
- DS3 or STS1, per connection	CY3VV	10.47	818.35
- Per 12 fiber optical connection to FDF	CY3WV	36.53	2,855.30

# Rates and charges set forth in this Section 31.28.2(L) apply in the States of New York and Connecticut only.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

Vice President  
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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.28 Expanded Interconnection (Cont'd)31.28.3 Expanded Interconnection Alternatives

## (A) SCOPE

		<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
(1)	Construction, per equipment bay (USOC NRB29)		\$7,342.89
(2)	Building Space, per equipment bay New York/Connecticut		
	Band 1 (USOC SP1F1)	\$28.80	
	Band 2 (USOC SP1F2)	40.80	
	Band 3 (USOC SP1F3)	52.20	
	Band 4 (USOC SP1F4)	71.25	
	All Other States (USOC SP1FZ)	30.60	
(3)	Application Fee	See Sections 28.3.1 and 28.8.1 preceding	
(4)	Cable Space	Rates are set forth in 31.28.1(B)(1) preceding	
(5)	Basic DC Power	Rates are set forth in 31.28.1(B)(3) preceding	
(6)	Office Channel Termination	Rates are set forth in 31.6, 31.7 and 31.26 preceding	

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.28 Expanded Interconnection (Cont'd)31.28.3 Expanded Interconnection Alternatives (Cont'd)

## (A) SCOPE (Cont'd)

(7)	OCT SPOT Bay Termination#	<u>USOC</u>		
	- DS1, per 28 connections	CY3OP	\$ 0.63	\$48.88
	- DS3 or STS1, per connection	CY3PP	0.05	4.07
	- Per 12 fiber optical connection to FDF	CY3QP	0.31	24.44
(8)	OCT POT Bay Termination#		See Sections 31.28.1(C) and (D) preceding	
(9)	OCT Cable & Frame Termination#		See Sections 31.28.1(C) and (D) preceding	

# Applies in the states of New York and Connecticut only.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.28 Expanded Interconnection (Cont'd)31.28.4 Rates and Charges to the Competitive Fiber Provider (CFP)

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(A) CATT Application Fee New York/Connecticut	NRBAB	\$1,000.00
All Other States	NRBAB	1,000.00
(B) Engineering and Implementation New York/Connecticut	NRBAH	1,780.75
All Other States	NRBAH	1,493.14
		<u>Monthly Rate</u>
(C) Cable Space		Rates are set forth in 31.28.1(B)(1).
(D) Equipment Support, per splice tray New York/Connecticut		
- Band 1	SP1K1	\$ 7.11
- Band 2	SP1K2	8.25
- Band 3	SP1K3	9.37
- Band 4	SP1K4	11.07
All Other States	SP1KX	6.45
		<u>Nonrecurring Charge</u>
(E) Escort Service		Charges are as set forth in Section 31.13.2 preceding.

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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## ACCESS SERVICE

31. The Verizon Telephone Companies Rates and Charges (Cont'd)31.29 Incidental InterLATA Services31.29.1 CCS - Gateway Access Service

(A)	CCS - Gateway Access Service - per CCSA STP Port connected at the Gateway Hub	<u>USOC</u>	<u>Monthly Rate</u>
		CCBGX	\$ 900.00
(B)	Service Rearrangement Charge - per LATA where local signaling traffic is rehomed to Gateway Hub	<u>USOC</u>	<u>Nonrecurring Charge</u>
		PT3SH	1,900.00

(TR 24)

Issued: April 13, 2001

Effective: April 28, 2001

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