SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (C)(X)

4.5   Service Description

Asynchronous Transfer Mode (ATM) Service is a fast packet, cell-based technology that can support data and video applications requiring high bandwidth, high performance transport and switching. ATM Service will allow Customers who have requirements for high-speed connectivity to interconnect their multiple locations. ATM offers low latency, high throughput and flexible bandwidth interconnections capable of carrying a wide range of Services.

4.6   Service Provisioning

The Service Level Agreements (SLA) for ATM Service can be found in Section 2.21, preceding.

4.7   Service Components

A nonrecurring charge and a monthly rate apply, based upon the speed of the connections, term plan and features selected. Service Component availability varies by region as shown below.

Service Component	West	Central	North	Northeast
UNI Port and Access	X	X	X	X
UNI Port Only	X	X	X	X
IMA UNI Port and Access	X	X		
IMA UNI Port Only	X	X		
BICI Port and Access	X	X	X	X
BICI Port Only	X	X	X	X
CES Port Only	X	X		

4.7.1   User Network Interface (UNI) Port and Access

UNI Port and Access connects the Customer to the Company's ATM network, based upon the standards defined UNI signaling protocol. UNI Port and Access is available at full bandwidth DS1, DS3, OC-3c and OC-12c speeds and Subrate DS3 and OC-3c speeds. Each UNI Port and Access will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

UNI Port and Access in OC-3c and OC-12c speeds can be purchased with a protection option. This option provides additional protection from fiber cable cuts by routing the working fiber pair via the primary route and the protected fiber pair via a physically diverse alternate route.

In addition, Customers purchasing UNI Port and Access in OC-12c speed may incur charges for interoffice mileage if the Central Office serving the Customer premises does not have an ATM switch or ATM switch is not OC-12c capable. OC-12c interoffice mileage charges consist of fixed and variable (per mile) rates.   (C)(X)

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SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (C)(X)

4.7   Service Components (Continued)

4.7.2   User Network Interface (UNI) Port Only

UNI Port Only provides the Customer a port connection into the Company's ATM network, based upon the standards defined UNI signaling protocol. UNI Port Only is available at full bandwidth DS1, DS3, OC-3c and OC-12c speeds and Subrate DS3 and OC-3. When UNI Port Only is selected, it is the Customer's responsibility to obtain access to Company's ATM network. Each UNI Port Only will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

4.7.3   Inverse Multiplexing over ATM (IMA) UNI Port and Access

IMA UNI Port and Access provides inverse multiplexing of an ATM cell stream over two (2) to eight (8) physical DS1s and retrieval of the original stream at the far end of those connections. IMA UNI Port and Access is based upon the standards defined UNI signaling protocol. IMA UNI Port and Access is not available in all ASI regions. See table in Section 4.7 for IMA UNI Port and Access availability.

4.7.4   Inverse Multiplexing over ATM (IMA) UNI Port Only

IMA UNI Port Only provides the Customer an IMA port connection into the Company's ATM network, based upon the standards defined UNI signaling protocol. When IMA UNI Port Only is selected, it is the Customer's responsibility to obtain access to Company's ATM network. IMA UNI Port Only is provided over two (2) to eight (8) physical DS1s. IMA UNI Port Only is not available in all ASI regions. See table in Section 4.7 for IMA UNI Port Only availability.

4.7.5   Broadband ISDN Inter-Carrier Interface (B-ICI) Port and Access

B-ICI Port and Access connects the Customer to the Company's ATM network, based upon the standards defined B-ICI signaling protocol. B-ICI Port and Access allows Customer networks to interconnect to the Company ATM network. B-ICI Port and Access is available at DS1, DS3, OC-3c and OC-12c speeds. Each B-ICI Port and Access will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

B-ICI Port and Access in OC-3c and OC-12c speeds can be purchased with a protection option. This option provides additional protection from fiber cable cuts by routing the working fiber pair via the primary route and the protected fiber pair via a physically diverse alternate route.

In addition, Customers purchasing B-ICI Port and Access in OC-12c speed may incur charges for interoffice mileage if the Central Office serving the Customer premises does not have an ATM switch or ATM switch is not OC-12c capable. OC-12c interoffice mileage charges consist of fixed and variable (per mile) rates.   (C)(X)

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SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (C)(X)

4.7   Service Components (Continued)

4.7.6   Broadband ISDN Inter-Carrier Interface (B-ICI) Port Only

B-ICI Port Only provides the Customer a port connection into the Company's ATM network based upon the standards defined B-ICI signaling protocol. B-ICI Port Only is available at DS1, DS3, OC-3c and OC-12c speeds. When B-ICI Port Only is selected, it is the Customer's responsibility to obtain access to Company's ATM network. Each B-ICI Port Only will accommodate multiple Permanent Virtual Circuits (PVCs), based upon the speeds selected.

4.7.7   Circuit Emulation Service (CES) Port Only

CES Port Only provides the Customer a Time Division Multiplexing (TDM) port connection into the Company's ATM network. CES Port Only provides the capability of directly connecting a TDM interface carrying constant bit rate (CBR) traffic over ATM networks. When a CES Port Only is selected, it is the Customer's responsibility to obtain the TDM transport component of the service. CES Port Only is to be used in conjunction with CES VCCs. CES Port Only is not available in all ASI Regions. See table in Section 4.7 for CES Port Only availability.

4.7.8   Permanent Virtual Circuits (PVCs)

PVCs are logical connections between ports that allow data to be sent from one Customer location to another. PVCs do not engage capacity when idle, allowing the available capacity to be allocated to other active PVCs that are in need of additional bandwidth. With the exception of Multicasting VCCs, PVCs are duplex (two-way).

When placing an order for Service, Customer must specify the following for each PVC:

- PVC Connection Type;
- Traffic Parameter;
- VCC/VPC Type; and
- Quality of Service.

PVCs purchased from this Section of ATM Service must have at least one associated Port purchased from this Section of the tariff as well.   (C)(X)

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (C)(X)

4.7   Service Components (Continued)

4.7.8   Permanent Virtual Circuits (PVCs) (Continued)

4.7.8.A   PVC Connection Types

(1)   ATM to ATM

ATM to ATM connects two ATM Customer locations.

(2)   Frame Relay to ATM Service (FRATM)

FRATM connects two Customer locations, one having a Frame
Relay port and the other an ATM port, to provide transparent
interworking between Frame Relay and ATM networks. (See
Section 5.7 – Frame Relay Service)   (C)(X)

4.7.8.B   Traffic Parameters   (N)(X)

The Customer must choose the traffic parameters available for each
PVC selected. Traffic parameters represent priorities given to cell
transmissions, sensitivity of cells to delay variation and loss within the
network. Traffic Shaping is a flow control functionality that must be
enabled on the Customer Equipment to ensure the Customer's data
traffic transmission rate does not violate the Customer's chosen traffic
parameters.

(1)   Peak Information Rate (PIR)

The PIR designates an upper limit that the traffic information rate
may not exceed. PIR is expressed in Kbps or Mbps. Traffic that
exceeds the PIR value will be discarded from the network for all
Quality of Service types.

(2)   Sustainable Information Rate (SIR)

The Sustainable Information Rate (SIR) specifies the "average"
traffic rate that is transmitted and received. SIR is expressed in
Kbps or Mbps.

(3)   Maximum Burst Size (MBS)

MBS specifies the maximum number of cells per second (cps) that
can be transmitted at the PIR. The MBS default is 32cps.   (N)(X)

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)

(C)(X)

4.7   Service Components (Continued)

4.7.8   Permanent Virtual Circuits (PVCs) (Continued)

4.7.8.C   PVC Types

(1)   Virtual Channel Connection (VCC)

Logical connection between one ATM switch port and another switch port. The VCC allows exchange of information in the form of fixed cells at variable rates. Company configures and maintains the individual VCCs within the ATM connection.

(2)   Virtual Path Connection (VPC)

A group of logical connections between one ATM switch port and another ATM switch port. A VPC connection is typically used to route multiple Customer defined VCCs as a group. It is the responsibility of the Customer to configure and maintain the individual VCCs within a VPC connection.

4.7.8.D   VCC/VPC Types

There are several VCC/VPC types available, which may vary by region as shown below.

VCC/VPC Types	West	Central	North	Northeast	
Standard	X	X	X	X	
CES	X	X			
FRATM	X	X	X	X	(C)(X)
Disaster Recovery	X	X	X	X	(N)(X)
Alternate Routing	X	X	X	X	(N)(X)
Multicasting	X	X	X		(N)(X)
ATM Host-Link	X	X	X	X	(C)(X)

(1)   Standard VCC/VPC

Standard VCCs/VPCs are utilized in typical ATM networks to provide logical connections between two ports.

(2)   Circuit Emulation Service (CES) VCC

CES VCCs provide logical connection between an CES port and another ATM port. CES VCC is to be used in conjunction with CES Port Only. CES VCCs are always provisioned with CBR Quality of Service and a PIR traffic parameter of 1.755 Mbps. A CES DS1 VCC cannot be provisioned to an ATM DS1 UNI Port. CES VCCs are not available in all regions. See table above for CES VCC availability.

(C)(X)

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SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (C)(X)

4.7   Service Components (Continued)

4.7.8   Permanent Virtual Circuits (PVCs) (Continued)

4.7.8.D   VCC/VPC Types (Continued)

(3) Frame Relay to ATM Service (FRATM) VCC

A FRATM VCC is established to connect two Customer locations, one having a Frame Relay port and the other an ATM port, to provide transparent interworking between Frame Relay and ATM networks. The FRATM VCC is provisioned with VBR-nrt Quality of Service on the ATM portion, and Standard Quality of Service on the Frame Relay portion. The FRATM VCC is priced based upon the ATM SIR value selected.   (C)(X)

(4) Disaster Recovery VCC   (N)(X)

Disaster Recovery VCCs allow for the implementation of logical connections between branch locations and a secondary processor/server center (disaster recovery location) should a non-recoverable disaster occur at the primary host location. The disaster recovery location must also be served by an active, Company provided ATM/Frame Relay Port.

Disaster Recovery VCCs are provisioned based upon an initial order from the Customer and pre-configured in the ATM switch, but set to a disabled mode. Customer must initiate VCC activation with Company and necessary third party vendors.

(5) Alternate Routing VCC

Alternate Routing VCCs provide a logical connection to an alternate host location processor/server in the event of an outage at the primary location. Alternate Routing VCCs are to be utilized in the event of an outage at the primary location only, not day-to-day use. Alternate Routing VCCs are provisioned based upon an initial order from the Customer and available at all times. The remote Customer location is provisioned with two active VCCs, one end to the primary Customer location and one end to the backup Customer location.   (N)(X)

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SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (N)(X)

4.7   Service Components (Continued)

4.7.8   Permanent Virtual Circuits (PVCs) (Continued)

4.7.8.D   VCC/VPC Types (Continued)

(6) Multicasting VCC

Multicasting VCCs are used to communicate uni-directionally from one location to many locations. It allows Customer Equipment to send cells into the Company ATM network over a specially designated Multicast VCC. The cells are replicated and sent across various VCCs defined on the same port as the Multicast VCC. Multicast VCCs are used in conjunction with the VBR-nrt Quality of Service and SIR traffic parameter. Multicasting VCCs are not available in all regions. See table in Section 4.7.8.D for Multicasting VCC availability.   (N)(X)

(7) ATM Host-Link   (C)(X)

ATM Host-Link gives the Customer the option to purchase multiple VPCs from the Company's ATM network to provide ATM connectivity for Digital Subscriber Line (DSL) Transport Services, including Wholesale DSL Transport Service and Remote LAN DSL Transport Service (see Sections 6 and 7 for provisioning of ATM connectivity with DSL Transport Services). Customer must obtain access to Company's ATM network by purchasing UNI Port and Access/Port Only or B-ICI Port and Access/Port Only. ATM Host-Link is offered only for DSL Transport connectivity and is applicable for all interfaces. ATM Host-Link will contain up to 10 VPCs for DS1, 25 VPCs for IMA, 100 VPCs for DS3 and 200 VPCs for OC-3. If required, additional ATM Host-Link VPCs (exceeding the quantities designated above) may be purchased individually as indicated in Section 4.8, following.   (C)(X)

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SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (C)(X)

4.7   Service Components (Continued)

4.7.8   Permanent Virtual Circuits (PVCs) (Continued)

4.7.8.D   VCC/VPC Types (Continued)

(7) ATM Host-Link (Continued)

<u>ASI-West Region</u>

The following ASI-West diagram illustrates a generic view of the provisioning of ATM connectivity for DSL Transport, as well as rate examples:
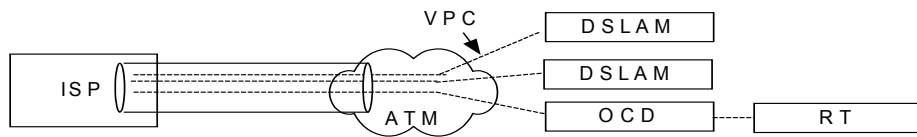
In the ASI-West Region, Customer must purchase a VPC to each DSLAM in the LATA in which Customer requests Service. In cases where Company utilizes Optical Concentration Devices (OCDs) to connect to remote terminals (RTs) to provision DSL Transport, a VPC to each selected central office with an OCD in the LATA is required. In Company DSLAMS or OCDs that have been exhausted (no ports available), a VPC to an alternate Company DSLAM/OCD in the same central office will be provided at no additional charge, given Customer has capacity in existing VPC.

<u>ATM Service rate example without Host-Link option:</u>

Customer in ASI-West Region requests ATM with DSL Transport connectivity under a three (3) year TPP. Customer purchases DS1 ATM UNI Port & Access from the Customer location to the Company ATM network. Customer needs three (3) VPCs, one to access an OCD/RT in one central office and the others to access two DSLAMs located in separate central offices. The charges[1] are calculated as follows:

Monthly	NRC
$620.00 (DS1 UNI Port and Access)	$0.00 (DS1 UNI Port and Access)
+$100.00 ($50 x 2 Standard UBR VPCs)	+$0.00 (Standard UBR VPCs
$720.00	$0.00 under 3 year TPP)

<u>Rate example using Same Customer scenario, but with Host-Link option:</u>

Monthly	NRC
$620.00 (DS1 UNI Port and Access)	$0.00 (DS1 UNI Port and Access)
+$ 75.00 (1 DS1 ATM Host-Link)	+$0.00 (1 DS1 ATM Host-Link)
$695.00	**$0.00**

(1) The rates can be found in Section 4.8, following.   (C)(X)
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SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (C)(X)

4.7   Service Components (Continued)

4.7.8   Permanent Virtual Circuits (PVCs) (Continued)

4.7.8.D   VCC/VPC Types (Continued)

(7) ATM Host-Link (Continued)

<u>ASI-Central Region</u>

The following ASI-Central diagram illustrates a generic view of the provisioning of ATM connectivity for DSL Transport, as well as rate examples:

VCC to each Customer End User
VPC to each OCD for the RT   VCC

| ISP | | ATM | VPC |

DSLAM
OCD — RT
OCD — RT
OCD — RT

In the ASI-Central Region, VC provisioning gives Customer access to all central office based DSLAMs in the LATA in which Customer requests Service. In cases where Company utilizes Optical Concentration Devices (OCDs) to connect to remote terminals (RTs) to provision DSL Transport, the VPC to each selected central office with an OCD will be provided at no charge. In Company OCDs that have become exhausted (no ports available), a VPC to an alternate Company OCD in the same central office will be provided at no additional charge, given Customer has capacity in existing VPC.

<u>ATM Service rate example without Host-Link option:</u>

Customer in ASI-Central Region requests ATM with DSL Transport connectivity under a three (3) year TPP. Customer purchases DS1 ATM UNI Port & Access from the Customer premises to the Company ATM network. The charges[1] are calculated as follows:

Monthly	**NRC**
$620.00 (DS1 UNI Port and Access)	$0.00 (DS1 UNI Port and Access)

<u>Rate example using Same Customer scenario, but with Host-Link option:</u>

Monthly	**NRC**
$620.00 (DS1 UNI Port and Access)	$0.00 (DS1 UNI Port and Access)
+$ 75.00 (1 DS1 ATM Host-Link)	+$0.00 (1 DS1 ATM Host-Link)
$695.00	**$0.00**

(1) The rates can be found in Section 4.8, following.   (C)(X)
(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (C)(X)

4.7   Service Components (Continued)

   4.7.8   Permanent Virtual Circuits (PVCs) (Continued)

      4.7.8.D   VCC/VPC Types (Continued)

         (7) ATM Host-Link (Continued)

         ASI-Northeast Region

         The following ASI-Northeast diagram illustrates a generic view of the
         provisioning of ATM connectivity for DSL Transport, as well as rate
         examples:
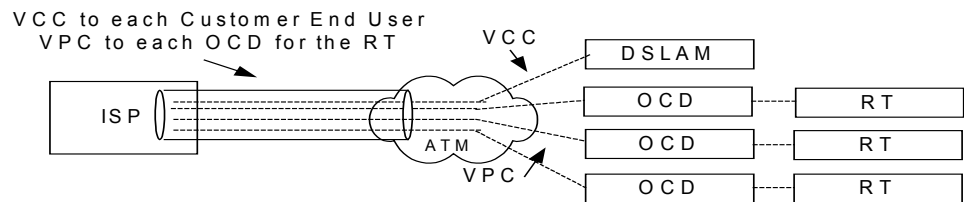
         In the ASI-Northeast Region, VC provisioning gives Customer access to all
         central office based DSLAMs in the LATA in which Customer requests
         Service. In cases where Company utilizes Optical Concentration Devices
         (OCDs) to connect to remote terminals (RTs) to provision DSL Transport,
         the VPC to each selected central office with an OCD will be provided at no
         charge. In Company OCDs that have become exhausted (no ports
         available), a VPC to an alternate Company OCD in the same central office
         will be provided at no additional charge, given Customer has capacity in
         existing VPC.

         ATM Service rate example without Host-Link option:

         Customer in ASI-Northeast Region requests ATM with DSL Transport
         connectivity under a three (3) year TPP. Customer purchases DS1 ATM
         UNI Port & Access from the Customer premises to the Company ATM
         network. The charges[1] are calculated as follows:

         Monthly   **NRC**
          $620.00 (DS1 UNI Port and Access) $0.00 (DS1 UNI Port and Access)

         Rate example using Same Customer scenario, but with Host-Link option:

         Monthly   **NRC**
          $620.00 (DS1 UNI Port and Access) $0.00 (DS1 UNI Port and Access)
         +$ 75.00 (1 DS1 ATM Host-Link)   +$0.00 (1 DS1 ATM Host-Link)
          $695.00   **$0.00**

(1) The rates can be found in Section 4.8, following.   (C)(X)
(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

(Issued under Transmittal No. 11)

Issued: September 23, 2002   Effective: October 8, 2002
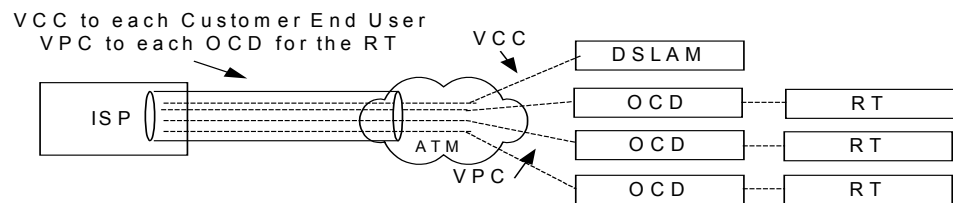
By: John S. Habeeb – Director Regulatory
                           SBC Advanced Solutions, Inc.
                           300 Convent, 19th Floor
   San Antonio, Texas 78205

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (C)(X)

4.7   Service Components (Continued)

4.7.8   Permanent Virtual Circuits (PVCs) (Continued)

4.7.8.D   VCC/VPC Types (Continued)

(7) ATM Host-Link (Continued)

ASI-North Region

The following ASI-North diagram illustrates a generic view of the provisioning
of ATM connectivity for DSL Transport:
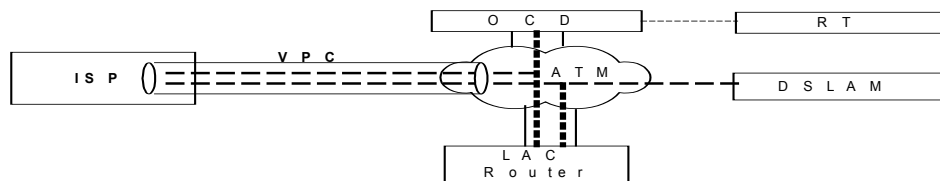
In the ASI-North Region, Layer Two Tunneling Protocol (L2TP) provisioning
provides access to all DSLAMs in the LATA in which Customer requests
Service. In cases where Company utilizes Optical Concentration Devices
(OCDs) to connect to remote terminals (RTs) to provision DSL Transport, the
same VPC also provides access to all remote terminals in the LATA.

ATM Service rate example without Host-Link option:

Customer in ASI-North Region requests ATM with DSL Transport
connectivity under a three (3) year TPP. Customer purchases DS1 ATM UNI
Port & Access from the Customer premises to the Company ATM network.
Customer needs one (1) VPC for the LATA. The charges[1] are calculated as
follows:

Monthly	NRC
$620.00 (DS1 UNI Port and Access)	$0.00 (DS1 UNI Port and Access)
+$ 50.00 ($50 x 1 Standard UBR VPC)	+$0.00 (Standard UBR VPC
$**670.00**	**$0.00** under 3 Year TPP)

Rate example using Same Customer scenario, but with Host-Link option:

Monthly	NRC
$620.00 (DS1 UNI Port and Access)	$0.00 (DS1 UNI Port and Access)
+$ 75.00 (1 DS1 ATM Host-Link)	+$0.00 (1 DS1 ATM Host-Link)
$695.00	**$0.00**

(1) The rates can be found in Section 4.8, following.   (C)(X)
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(Issued under Transmittal No. 11)

Issued: September 23, 2002   Effective: October 8, 2002

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SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)

(C)(X)

4.7   Service Components (Continued)

4.7.8   Permanent Virtual Circuits (PVCs) (Continued)

4.7.8.E   Quality of Service (QoS)

The PVC Quality of Service required is based upon the traffic parameter selected. Quality of Service parameters may vary by region, as shown below.

Quality of Service	West	Central	North	Northeast
CBR	X	X	X	X
VBR-rt	X	X	X	
VBR-nrt	X	X	X	X
UBR	X	X	X	X
UBR for DSL Transport	X	X	X	X

(C)(X)
(N)(X)

(1) Constant Bit Rate (CBR)

(C)(X)

CBR supports the transmission of a continuous flow of user information required to support applications where variable delays in transmission could negatively impact the streaming information content. CBR is the highest priority traffic on the network. Examples of applications requiring CBR are video and data streaming. When choosing CBR, Customer must specify the Peak Information Rate (PIR), Sustained Information Rate (SIR) and Maximum Burst Size (MBS) Traffic Parameters. The PIR is used to determine the price.

(2) Variable Bit Rate - real time (VBR-rt)

VBR-rt supports traffic transmission levels for applications where the PVC requires low cell deviation. Such applications could include variable bit rate video compression and packet voice and video, which are somewhat tolerant of delay. When choosing VBR-rt, Customer must specify the Peak Information Rate (PIR), Sustained Information Rate (SIR) and Maximum Burst Size (MBS) traffic parameters. The PIR is used to determine the price. VBR-rt QoS is not available in all regions. See table above for VBR-rt QoS availability.

(C)(X)

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (C)(X)

4.7   Service Components (Continued)

4.7.8   Permanent Virtual Circuits (PVCs) (Continued)

4.7.8.E   Quality of Service (QoS) (Continued)

(3) Variable Bit Rate - non real time (VBR-nrt)

VBR-nrt supports traffic transmission levels for applications where the PVC can tolerate larger cell delay variation than VBR-rt. Such applications could include data file transfers. When choosing VBR-nrt, Customer must specify the Peak Information Rate (PIR), Sustained Information Rate (SIR) and Maximum Burst Size (MBS) traffic parameters. The SIR is used to determine the price.

(4) Unspecified Bit Rate (UBR)

UBR supports the transmission of a continuous bit stream of traffic for delay-tolerant applications such as data file transfers. When choosing UBR, Customer must specify the Peak Information Rate (PIR) traffic parameter. The PIR value cannot be greater than the port speed. Customers wishing to oversubscribe may purchase additional UBR connections.

(5) Unspecified Bit Rate (UBR) for Wholesale/R-LAN DSL Transport

When using ATM connectivity for Wholesale/R-LAN DSL Transport, the PIR value must equal the corresponding port speed for port speeds up to DS3 interface. Port speeds above DS3 will require DS3 VPCs. ATM subrate port speeds cannot be purchased for use with Wholesale/R-LAN DSL Transport.   (C)(X)

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)

(X)

4.8 Rates

UNI Port Only		Out of Term		1 Year		2 Year		3 Year		5 Year		
Band-width	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	
DS1	1.5 Mbps	$528**(N)**	NA	$507**(C)(I)(R)**	$600**(C)(R)**	$486**(N)**	$600**(N)**	$460**(C)(I)(R)**	$0	$400**(C)(I)**	$0**(C)**	
Subrate DS3	20 Mbps	$2,002**(N)**	NA	$1,784**(C)(R)**	$1,250**(C)(I)(R)**	$1,586**(N)**	$1,250**(N)**	$1,370**(C)(R)**	$0**(C)**	$1,154**(C)(R)**	$0**(C)**	
DS3	40 Mbps	$2,799**(N)**	NA	$2,573**(C)(I)(R)**	$1,250**(C)(R)**	$2,287**(N)**	$1,250**(N)**	$1,975**(C)(I)(R)**	$0**(C)**	$1,663**(C)(I)(R)**	$0**(C)**	
Subrate OC-3c	50 Mbps	$3,325**(N)**	NA	$3,150**(C)(I)**	$1,500**(C)(R)**	$2,977**(N)**	$1,500**(N)**	$2,954**(C)(I)(R)**	$0**(C)**	$2,938**(C)(I)**	$0**(C)**	
Subrate OC-3c	100 Mbps	$3,793**(N)**	NA	$3,618**(C)(I)**	$1,500**(C)(R)**	$3,345**(N)**	$1,500**(N)**	$3,238**(C)(I)(R)**	$0**(C)**	$3,128**(C)(I)(R)**	$0**(C)**	
OC-3c	149 Mbps	$4,110**(N)**	NA	$3,835**(C)(I)(R)**	$1,500**(C)(R)**	$3,662**(N)**	$1,500**(N)**	$3,505**(C)(I)(R)**	$0**(C)(R)**	$3,345**(C)(I)(R)**	$0**(C)(R)**	
OC-12c	599 Mbps	$8,220	NA	$7,670	$1,500	$7,324	$1,500	$7,009	$0	$6,690	$0	(N)

IMA UNI Port Only		Out of Term		1 Year		2 Year		3 Year		5 Year		
Band-width	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	
2 DS1s	3 Mbps	$986**(N)**	NA	$887**(C)(I)**	$1,200**(C)(R)**	$851**(N)**	$1,200**(N)**	$805**(C)(I)**	$0	$700**(C)(I)**	$0**(C)**	
3 DS1s	4.6 Mbps	$1,094**(N)**	NA	$1,014**(C)(I)**	$1,200**(C)(R)**	$972**(N)**	$1,200**(N)**	$920**(C)(I)**	$0	$800**(C)(I)**	$0**(C)**	
4 DS1s	6.7 Mbps	$1,288**(N)**	NA	$1,141**(C)(I)**	$1,200**(C)(R)**	$1,094**(N)**	$1,200**(N)**	$1,035**(C)(I)**	$0	$900**(C)(I)**	$0**(C)**	
5 DS1s	7.6 Mbps	$1,446	NA	$1,293	$1,200	$1,239	$1,200	$1,173	$0	$1,020	$0	(N)
6 DS1s	9.2 Mbps	$1,605	NA	$1,445	$1,200	$1,385	$1,200	$1,311	$0	$1,140	$0	(N)
7 DS1s	10.7 Mbps	$1,763	NA	$1,597	$1,200	$1,531	$1,200	$1,449	$0	$1,260	$0	(N)
8 DS1s	12.2 Mbps	$2,023**(N)**	NA	$1,850**(C)(I)**	$1,200**(C)(R)**	$1,701**(N)**	$1,200**(N)**	$1,610**(C)(I)(R)**	$0**(C)**	$1,465**(C)(I)(R)**	$0**(C)**	

B-ICI Port Only		Out of Term		1 Year		2 Year		3 Year		5 Year		
Band-width	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	
DS1	1.5 Mbps	$1,598**(N)**	NA	$1,405**(C)(I)**	$600**(C)(R)**	$1,213**(N)**	$600**(N)**	$1,020**(C)(I)(R)**	$0**(C)**	$824**(C)(I)(R)**	$0**(C)**	
DS3	40 Mbps	$3,049**(N)**	NA	$2,823**(C)(I)**	$1,250**(C)(R)**	$2,537**(N)**	$1,250**(N)**	$2,225**(C)(R)**	$0**(C)**	$1,913**(C)(R)**	$0**(C)**	
OC-3c	149 Mbps	$4,610**(N)**	NA	$4,335**(C)(R)**	$1,500**(C)(R)**	$4,162**(N)**	$1,500**(N)**	$4,005**(C)(I)(R)**	$0**(C)**	$3,845**(C)(I)(R)**	$0**(C)**	
OC-12c	599 Mbps	$8,720	NA	$8,170	$1,500	$7,824	$1,500	$7,509	$0	$7,190	$0	(N)(X)

(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)　　(X)

4.8　　Rates (Continued)

CES Port Only		Out of Term		1 Year		2 Year		3 Year		5 Year	
Bandwidth	**Speed**	**Monthly**	**NRC**	**Monthly**	**NRC**	**Monthly**	**NRC**	**Monthly**	**NRC**	**Monthly**	**NRC**
DS1	1.5Mbps	$548**(N)**	NA	$527**(C)(I)**	$850**(C)(I)**	$506**(N)**	$850**(N)**	$480**(N)**	$0**(N)**	$420**(N)**	$0**(N)**

UNI Port and Access		Out of Term		1 Year		2 Year		3 Year		5 Year	
Bandwidth	**Speed**	**Monthly**	**NRC**	**Monthly**	**NRC**	**Monthly**	**NRC**	**Monthly**	**NRC**	**Monthly**	**NRC**
DS1 Port	1.5Mbps	$528**(N)**	NA	$507**(C)(I)(R)**	$600**(C)(R)**	$486**(N)**	$600**(N)**	$460**(C)(I)(R)**	$0	$400**(C)(I)**	$0**(C)**
Access	1.5Mbps	$182**(N)**	NA	$175**(C)**	$400**(C)**	$167**(N)**	$400**(N)**	$160**(C)**	$0**(C)**	$156**(C)**	$0**(C)**
Total DS1 Port and Access	1.5Mbps	$710**(N)**	NA	$682**(C)(I)(R)**	$1,000**(C)(R)**	$653**(N)**	$1,000**(N)**	$620**(I)(R)**	$0	$556**(I)**	$0
Subrate DS3 Port	20Mbps	$2,002**(N)**	NA	$1,784**(C)(R)**	$1,250**(C)(I)(R)**	$1,586**(N)**	$1,250**(N)**	$1,370**(C)(R)**	$0**(C)**	$1,154**(C)(R)**	$0**(C)**
Access	20Mbps	$2,368**(N)**	NA	$2,345**(C)**	$1,250**(C)**	$2,321**(N)**	$1,250**(N)**	$1,800**(C)**	$0**(C)**	$1,516**(C)**	$0**(C)**
Total Subrate DS3 Port and Access	20Mbps	$4,370**(N)**	NA	$4,129**(C)(I)**	$2,500**(C)(R)**	$3,907**(N)**	$2,500**(N)**	$3,170**(I)(R)**	$0	$2,670**(C)(R)**	$0
DS3 Port	40Mbps	$2,799**(N)**	NA	$2,573**(C)(I)(R)**	$1,250**(C)(R)**	$2,287**(N)**	$1,250**(N)**	$1,975**(C)(I)(R)**	$0**(C)**	$1,663**(C)(I)(R)**	$0**(C)**
Access	40Mbps	$2,368**(N)**	NA	$2,345**(C)**	$1,250**(C)**	$2,321**(N)**	$1,250**(N)**	$1,800**(C)**	$0**(C)**	$1,516**(C)**	$0**(C)**
Total DS3 Port and Access	40Mbps	$5,167**(N)**	NA	$4,918**(C)(I)**	$2,500**(C)(I)(R)**	$4,608**(N)**	$2,500**(N)**	$3,775**(I)(R)**	$0	$3,179**(I)(R)**	$0
Subrate OC-3c Port	50Mbps	$3,325**(N)**	NA	$3,150**(C)(I)**	$1,500**(C)(R)**	$2,977**(N)**	$1,500**(N)**	$2,954**(C)(I)(R)**	$0**(C)**	$2,938**(C)(I)**	$0**(C)**
Access	50Mbps	$2,600**(N)**	NA	$2,575**(C)**	$3,000**(C)**	$2,548**(N)**	$3,000**(N)**	$1,976**(C)**	$0**(C)**	$1,765**(C)**	$0**(C)**
Total Subrate OC-3c Port and Access	50Mbps	$5,925**(N)**	NA	$5,725**(C)(I)**	$4,500**(C)(I)**	$5,525**(N)**	$4,500**(N)**	$4,930**(C)(I)(R)**	$0**(C)**	$4,703**(C)(I)(R)**	$0**(C)**
Subrate OC-3c Port	50Mbps	$3,325**(N)**	NA	$3,150**(C)(I)**	$1,500**(C)(R)**	$2,977**(N)**	$1,500**(N)**	$2,954**(C)(I)(R)**	$0	$2,938**(C)(I)**	$0
Access (Protected)	50Mbps	$3,600**(N)**	NA	$3,575**(C)**	$3,000**(C)**	$3,548**(N)**	$3,000**(N)**	$2,976**(C)**	$0**(C)**	$2,765**(C)**	$0**(C)**
Total Subrate OC-3c Port and Access (Protected)	50Mbps	$6,925**(N)**	NA	$6,725**(C)(I)**	$4,500**(C)(I)**	$6,525**(N)**	$4,500**(N)**	$5,930**(C)(I)**	$0**(C)**	$5,703**(C)(I)**	$0**(C)**
OC-3c Port	100Mbps	$3,793**(N)**	NA	$3,618**(C)(I)**	$1,500**(C)(R)**	$3,345**(N)**	$1,500**(N)**	$3,238**(C)(I)(R)**	$0**(C)**	$3,128**(C)(I)(R)**	$0**(C)**
Access	100Mbps	$2,600**(N)**	NA	$2,575**(C)**	$3,000**(C)**	$2,548**(N)**	$3,000**(N)**	$1,976**(C)**	$0**(C)**	$1,765**(C)**	$0**(C)**
Total OC-3c Port and Access	100Mbps	$6,393**(N)**	NA	$6,193**(C)(I)**	$4,500**(C)(I)**	$5,893**(N)**	$4,500**(N)**	$5,214**(C)(I)(R)**	$0**(C)**	$4,893**(C)(I)(R**	$0**(C)**
OC-3c Port	100Mbps	$3,793**(N)**	NA	$3,618**(C)(I)**	$1,500**(C)(R)**	$3,345**(N)**	$1,500**(N)**	$3,238**(C)(I)(R)**	$0**(C)**	$3,128**(C)(I)(R)**	$0**(C)**
Access (Protected)	100Mbps	$3,600**(N)**	NA	$3,575**(C)**	$3,000**(C)**	$3,548**(N)**	$3,000**(N)**	$2,976**(C)**	$0**(C)**	$2,765**(C)**	$0**(C)**
Total OC-3c Port and Access (Protected)	100Mbps	$7,393**(N)**	NA	$7,193**(C)(I)**	$4,500**(C)(I)**	$6,893**(N)**	$4,500**(N)**	$6,214**(C)(I)(R)**	$0**(C)**	$5,893**(C)(I)**	$0**(C)**

(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.　　(X)

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (X)

4.8   Rates (Continued)

UNI Port and Access		Out of Term		1 Year		2 Year		3 Year		5 Year		
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	
OC-3c Port	149 Mbps	$4,110 (N)	NA	$3,835 (C)(I)(R)	$1,500 (C)(R)	$3,662 (N)	$1,500 (N)	$3,505 (C)(I)(R)	$0 (C)(R)	$3,345 (C)(I)(R)	$0 (C)(R)	
Access	149 Mbps	$2,600 (N)	NA	$2,575 (C)	$3,000 (C)	$2,548 (N)	$3,000 (N)	$1,976 (C)	$0	$1,765 (C)	$0	
Total OC-3c Port and Access	149 Mbps	$6,710 (N)	NA	$6,410 (C)(I)	$4,500 (C)(I)(R)	$6,210 (N)	$4,500 (N)	$5,481 (C)(I)(R)	$0 (C)(R)	$5,110 (C)(I)(R)	$0 (C)(R)	
OC-3c Port	149 Mbps	$4,110 (N)	NA	$3,835 (C)(I)(R)	$1,500 (C)(R)	$3,662 (N)	$1,500 (N)	$3,505 (C)(I)(R)	$0 (C)(R)	$3,345 (C)(I)(R)	$0 (C)(R)	
Access (Protected)	149 Mbps	$3,600 (N)	NA	$3,575 (C)	$3,000 (C)	$3,548 (N)	$3,000 (N)	$2,976 (C)	$0	$2,765 (C)	$0	
Total OC-3c Port and Access (Protected)	149 Mbps	$7,710 (N)	NA	$7,410 (C)(I)	$4,500 (C)(I)	$7,210 (N)	$4,500 (N)	$6,481 (C)(I)	$0	$6,110 (C)(I)	$0	
OC-12c* Port	599 Mbps	$8,220	NA	$7,670	$1,500	$7,324	$1,500	$7,009	$0	$6,690	$0	(N)
Access	599 Mbps	$5,142	NA	$4,686	$6,000	$4,686	$6,000	$3,886	$0	$2,962	$0	(N)
Total OC-12c* Port and Access	599 Mbps	$13,362	NA	$12,356	$7,500	$12,010	$7,500	$10,895	$0	$9,652	$0	(N)
OC-12c* Port	599 Mbps	$,8220	NA	$7,620	$1,500	$7,324	$1,500	$7,009	$0	$6,690	$0	(N)
Access (Protected)	599 Mbps	$6,142	NA	$5,686	$6,000	$5,686	$6,000	$4,886	$0	$3,962	$0	(N)
Total OC-12c* Port and Access (Protected)	599 Mbps	$14,362	NA	$13,356	$7,500	$13,010	$7,500	$11,895	$0	$10,652	$0	(N)

IMA UNI Port and Access		Out of Term		1 Year		2 Year		3 Year		5 Year	
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
2 DS1s Port	3Mbps	$986 (N)	NA	$887 (C)(I)	$1,200 (C)(R)	$851 (N)	$1,200 (N)	$805 (C)(I)	$0	$700 (C)(I)	$0(C)
Access	3Mbps	$364 (N)	NA	$350 (C)	$800 (C)	$334 (N)	$800 (N)	$320 (C)	$0	$312 (C)	$0
Total 2 DS1s Port and Access	3Mbps	$1,350 (N)	NA	$1,237 (C)(R)	$2,000 (C)(I)	$1,185 (N)	$2,000 (N)	$1,125 (C)(R)	$0	$1,012 (C)(I)	$0
3 DS1s Port	4.6Mbps	$1,094 (N)	NA	$1,014 (C)(I)	$1,200 (C)(R)	$972 (N)	$1,200 (N)	$920 (C)(I)	$0	$800 (C)(I)	$0(C)
Access	4.6Mbps	$546 (N)	NA	$525 (C)	$1,200 (C)	$501 (N)	$1,200 (N)	$480 (C)	$0	$468 (C)	$0
Total 3 DS1s Port and Access	4.6Mbps	$1,640 (N)	NA	$1,539 (C)(R)	$2,400 (C)(I)	$1,473 (N)	$2,400 (N)	$1,400 (C)(R)	$0	$1,268 (C)(R)	$0

* OC-12c rates do not include applicable Interoffice Mileage.   (N)(X)

(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

(Issued under Transmittal No. 11)

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)　(X)

4.8　Rates (Continued)

IMA UNI Port and Access		Out of Term		1 Year		2 Year		3 Year		5 Year		
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	
4 DS1s Port	6.7Mbps	$1,288 **(N)**	NA	$1,141 **(C)(I)**	$1,200 **(C)(R)**	$1,094 **(N)**	$1,200 **(N)**	$1,035 **(C)(I)**	$0	$900 **(C)(I)**	$0**(C)**	
Access	6.7Mbps	$728 **(N)**	NA	$700 **(C)**	$1,600 **(C)**	$668 **(N)**	$1,600 **(N)**	$640 **(C)**	$0**(C)**	$624**(C)**	$0**(C)**	
Total 4 DS1s Port and Access	6.7Mbps	$2,016 **(N)**	NA	$1,841 **(C)(I)(R)**	$2,800 **(C)(I)**	$1,762 **(N)**	$2,800 **(N)**	$1,675 **(C)(I)(R)**	$0**(C)**	$1,524 **(C)(I)(R)**	$0**(C)**	
5 DS1s Port	7.6Mbps	$1,446	NA	$1,293	$1,200	$1,239	$1,200	$1,173	$0	$1,020	$0	(N)
Access	7.6Mbps	$910	NA	$875	$2,000	$835	$2,000	$800	$0	$780	$0	
Total 5 DS1s Port and Access	7.6Mbps	$2,356	NA	$2,168	$3,200	$2,074	$3,200	$1,973	$0	$1,800	$0	
6 DS1s Port	9.2Mbps	$1,605	NA	$1,445	$1,200	$1,385	$1,200	$1,311	$0	$1,140	$0	
Access	9.2Mbps	$1,092	NA	$1,050	$2,400	$1,002	$2,400	$960	$0	$936	$0	
Total 6 DS1s Port and Access	9.2Mbps	$2,697	NA	$2,495	$3,600	$2,387	$3,600	$2,271	$0	$2,076	$0	
7 DS1s Port	10.7Mbps	$1,763	NA	$1,597	$1,200	$1,531	$1,200	$1,449	$0	$1,260	$0	
Access	10.7Mbps	$1,274	NA	$1,225	$2,800	$1,169	$2,800	$1,120	$0	$1,092	$0	
Total 7 DS1s Port and Access	10.7Mbps	$3,037	NA	$2,822	$4,000	$2,700	$4,000	$2,569	$0	$2,352	$0	(N)
8 DS1s Port	12.2Mbps	$2,023 **(N)**	NA	$1,850 **(C)(I)**	$1,200 **(C)(R)**	$1,701 **(N)**	$1,200 **(N)**	$1,610 **(C)(I)(R)**	$0**(C)**	$1,465 **(C)(I)(R)**	$0**(C)**	
Access	12.2Mbps	$1,456 **(N)**	NA	$1,400 **(C)**	$3,200 **(C)**	$1,336 **(N)**	$3,200 **(N)**	$1,280 **(C)**	$0**(C)**	$1,248 **(C)**	$0**(C)**	
Total 8 DS1s Port and Access	12.2Mbps	$3,479 **(N)**	NA	$3,250 **(C)(I)**	$4,400 **(C)(I)**	$3,037 **(N)**	$4,400 **(N)**	$2,890 **(C)(I)**	$0**(C)**	$2,713 **(C)(I)**	$0**(C)**	(X)

(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (X)

4.8   Rates (Continued)

B-ICI Port and Access		Out of Term		1 Year		2 Year		3 Year		5 Year	
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
DS1 Port	1.5Mbps	$1,598 **(N)**	NA	$1,405 **(C)(I)**	$600 **(C)(R)**	$1,213 **(N)**	$600**(N)**	$1,020 **(C)(I)(R)**	$0**(C)**	$824 **(C)(I)(R)**	$0 **(C)**
Access	1.5Mbps	$182 **(N)**	NA	$175 **(C)**	$400**(C)**	$167 **(N)**	$400**(N)**	$160**(C)**	$0	$156**(C)**	$0
Total DS1 Port and Access	1.5Mbps	$1,780 **(N)**	NA	$1,580 **(C)(I)**	$1,000 **(C)(R)**	$1,380 **(N)**	$1,000 **(N)**	$1,180**(C)(R)**	$0	$980 **(C)(R)**	$0
DS3 Port	40Mbps	$3,049 **(N)**	NA	$2,823 **(C)(I)**	$1,250 **(C)(R)**	$2,537 **(N)**	$1,250 **(N)**	$2,225 **(C)(R)**	$0**(C)**	$1,913 **(C)(R)**	$0 **(C)**
Access	40Mbps	$2,368 **(N)**	NA	$2,345 **(C)**	$1,250 **(C)**	$2,321 **(N)**	$1,250 **(N)**	$1,800 **(C)**	$0	$1,516 **(C)**	$0
Total DS3 Port and Access	40Mbps	$5,417 **(N)**	NA	$5,168 **(C)(I)**	$2,500 **(C)(R)**	$4,858 **(N)**	$2,500 **(N)**	$4,025 **(C)(I)(R)**	$0	$3,429 **(C)(I)(R)**	$0
OC-3c Port	149Mbps	$4,610 **(N)**	NA	$4,335 **(C)(R)**	$1,500 **(C)(R)**	$4,162 **(N)**	$1,500 **(N)**	$4,005 **(C)(I)(R)**	$0**(C)**	$3,845 **(C)(I)(R)**	$0 **(C)**
Access	149Mbps	$2,600 **(N)**	NA	$2,575 **(C)**	$3,000 **(C)**	$2,548 **(N)**	$3,000**(N)**	$1,976 **(C)**	$0	$1,765 **(C)**	$0
Total OC-3c Port and Access	149Mbps	$7,210 **(N)**	NA	$6,910 **(C)(I)**	$4,500 **(C)(I)**	$6,710 **(N)**	$4,500 **(N)**	$5,981 **(C)(I)(R)**	$0	$5,610 **(C)(I)(R)**	$0
OC-3c Port	149Mbps	$4,610 **(N)**	NA	$4,335 **(C)(R)**	$1,500 **(C)(R)**	$4,162 **(N)**	$1,500 **(N)**	$4,005 **(C)(I)(R)**	$0**(C)**	$3,845 **(C)(I)(R)**	$0 **(C)**
Access (Protected)	149Mbps	$3,600 **(N)**	NA	$3,575 **(C)**	$3,000 **(C)**	$3,548 **(N)**	$3,000 **(N)**	$2,976 **(C)**	$0	$2,765 **(C)**	$0
Total OC-3c Port and Access (Protected)	149Mbps	$8,210 **(N)**	NA	$7,910 **(C)(I)**	$4,500 **(C)(I)**	$7,710 **(N)**	$4,500 **(N)**	$6,981 **(C)(I)**	$0	$6,610 **(C)(I)**	$0
OC-12c* Port	599Mbps	$8,720	NA	$8,170	$1,500	$7,824	$1,500	$7,509	$0	$7,190	$0	(N)
Access	599Mbps	$5,142	NA	$4,686	$6,000	$4,686	$6,000	$3,886	$0	$2,962	$0
Total OC-12c* Port and Access	599Mbps	$13,862	NA	$12,856	$7,500	$12,510	$7,500	$11,395	$0	$10,152	$0
OC-12c* Port	599Mbps	$8,720	NA	$8,170	$1,500	$7,824	$1,500	$7,509	$0	$7,190	$0
Access (Protected)	599Mbps	$6,142	NA	$5,686	$6,000	$5,686	$6,000	$4,886	$0	$3,962	$0
Total OC-12c* Port and Access (Protected)	599Mbps	$14,862	NA	$13,856	$7,500	$13,510	$7,500	$12,395	$0	$11,152	$0

OC-12 Interoffice Mileage	Out of Term		1 Year		2 Year		3 Year		5 Year	
	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
Fixed	$3,632	NA	$3,182	NA	$3,182	NA	$2,595	NA	$2,035	NA
Per Mile	$775	NA	$665	NA	$665	NA	$563	NA	$530	NA

* OC-12c rates do not include applicable Interoffice Mileage.
(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.   (N)(X)

(Issued under Transmittal No. 11)

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)

(X)

4.8   Rates (Continued)

Speed	Standard PVCs - Monthly								NRC*
	Quality of Service (QoS)								
	UBR (PIR)		VBR-nrt (SIR)		VBR-rt (PIR)		CBR (PIR)		
	VCC	VPC	VCC	VPC	VCC	VPC	VCC	VPC	
8Kbps	$2(N)	$3(N)	$3(N)	$4(N)	$6(N)	$8(N)	$7(N)	$9(N)	$60(N)
16Kbps	$2(N)	$3(N)	$3(N)	$4(N)	$6(N)	$8(N)	$7(N)	$9(N)	$60(N)
32Kbps	$2(N)	$3(N)	$3(N)	$4(N)	$6(N)	$8(N)	$7(N)	$9(N)	$60(N)
48Kbps	$2(N)	$3(N)	$3(N)	$4(N)	$6(N)	$8(N)	$7(N)	$9(N)	$60(N)
56Kbps	$2(N)	$3(N)	$3(N)	$4(N)	$6(N)	$8(N)	$7(N)	$9(N)	$60(N)
64Kbps	$2(N)	$3(N)	$3(C)(I)	$4(C)(I)	$6(C)(I)	$8(C)(I)	$7(C)(I)	$9(C)(I)	$60(C)(I)
128Kbps	$3(N)	$4(N)	$5(C)	$6(C)(I)	$6(C)(I)	$8(C)(I)	$7(C)(I)	$9(C)(I)	$60(C)(I)
192Kbps	$5(N)	$6(N)	$8(C)(I)	$9(C)(I)	$9(C)(I)	$12(C)(I)	$10(C)(I)	$13(C)(I)	$60(C)(I)
256Kbps	$7(N)	$8(N)	$10(C)	$13(C)(I)	$13(C)(I)	$16(C)(I)	$13(C)	$17(C)(I)	$60(C)(I)
320Kbps	$8(N)	$10(N)	$13(C)(I)	$16(C)(I)	$16(C)(I)	$20(C)(I)	$17(C)(I)	$21(C)(I)	$60(C)(I)
384Kbps	$10(N)	$13(N)	$15(C)	$19(C)(I)	$19(C)(I)	$23(C)(I)	$20(C)(I)	$25(C)(I)	$60(C)(I)
448Kbps	$12(N)	$15(N)	$18(C)(I)	$22(C)(I)	$22(C)(I)	$27(C)(I)	$23(C)(I)	$29(C)(I)	$60(C)(I)
512Kbps	$13(N)	$17(N)	$20(C)	$25(C)(I)	$25(C)(I)	$31(C)(I)	$27(C)(I)	$33(C)(I)	$60(C)(I)
576Kbps	$15(N)	$19(N)	$23(C)(I)	$28(C)(I)	$28(C)(I)	$35(C)(I)	$30(C)(I)	$38(C)(I)	$60(C)(I)
640Kbps	$17(N)	$21(N)	$25(C)	$31(C)(I)	$31(C)(I)	$39(C)(I)	$33(C)(I)	$42(C)(I)	$60(C)(I)
704Kbps	$18(N)	$23(N)	$28(C)(I)	$34(C)(I)	$34(C)(I)	$43(C)(I)	$37(C)(I)	$46(C)(I)	$60(C)(I)
768Kbps	$20(N)	$25(N)	$30(C)	$38(C)(I)	$38(C)(I)	$47(C)(I)	$40(C)(I)	$50(C)(I)	$60(C)(I)
832Kbps	$22(N)	$27(N)	$33(C)(I)	$41(C)(I)	$41(C)(I)	$51(C)(I)	$43(C)(I)	$54(C)(I)	$60(C)(I)
896Kbps	$23(N)	$29(N)	$35(C)	$44(C)(I)	$44(C)(I)	$55(C)(I)	$47(C)(I)	$58(C)(I)	$60(C)(I)
960Kbps	$25(N)	$31(N)	$38(C)(I)	$47(C)(I)	$47(C)(I)	$59(C)(I)	$50(C)(I)	$63(C)(I)	$60(C)(I)
1000Kbps	$25(N)	$31(N)	$50(C)(I)	$63(C)(I)	$69(C)(I)	$86(C)(I)	$75(C)(I)	$94(C)(I)	$60(C)(I)
1024Kbps	$27(N)	$33(N)	$40(C)	$50(C)(I)	$50(C)(I)	$63(C)(I)	$53(C)(I)	$67(C)(I)	$60(C)(I)
1536Kbps	$40(C)(R)	$50(C)(R)	$60(C)	$75(C)(I)	$75(C)(I)	$94(C)(I)	$80(C)(I)	$100(C)(I)	$60(C)(I)
2Mbps	$30(N)	$38(N)	$60(C)(I)	$75(C)(I)	$83(C)(I)	$103(C)(I)	$90(C)(I)	$113(C)(I)	$60(C)(I)
3Mbps	$35(N)	$44(N)	$70(C)(I)	$88(C)(I)	$96(C)(I)	$120(C)(I)	$105(C)(I)	$131(C)(I)	$60(C)(I)
4Mbps	$40(N)	$50(N)	$80(C)(I)	$100(C)(I)	$110(C)(I)	$138(C)(I)	$120(C)(I)	$150(C)(I)	$60(C)(I)
5Mbps	$45(N)	$56(N)	$90(C)(I)	$113(C)(I)	$124(C)(I)	$155(C)(I)	$135(C)(I)	$169(C)(I)	$60(C)(I)
6Mbps	$50(N)	$63(N)	$100(C)(I)	$125(C)(I)	$138(C)(I)	$172(C)(I)	$150(C)(I)	$188(C)(I)	$60(C)(I)
7Mbps	$55(N)	$69(N)	$110(C)(I)	$138(C)(I)	$151(C)(I)	$189(C)(I)	$165(C)(I)	$206(C)(I)	$60(C)(I)
8Mbps	$60(N)	$75(N)	$120(C)(I)	$150(C)(I)	$165(C)(I)	$206(C)(I)	$180(C)(I)	$225(C)(I)	$60(C)(I)
9Mbps	$65(N)	$81(N)	$130(C)(I)	$163(C)(I)	$179(C)(I)	$223(C)(I)	$195(C)(I)	$244(C)(I)	$60(C)(I)
10Mbps	$70(N)	$88(N)	$140(C)(I)	$175(C)(I)	$193(C)(I)	$241(C)(I)	$210(C)(I)	$263(C)(I)	$60(C)(I)

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   year TPP.   (N)(X)

(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (X)

4.8   Rates (Continued)

Speed	Standard PVCs - Monthly								NRC*
	Quality of Service (QoS)								
	UBR (PIR)		VBR-nrt (SIR)		VBR-rt (PIR)		CBR (PIR)		
	VCC	VPC	VCC	VPC	VCC	VPC	VCC	VPC	
11Mbps	$75(N)	$94(N)	$150(C)(I)	$188(C)(I)	$206(C)(I)	$258(C)(I)	$225(C)(I)	$281(C)(I)	$60(C)(I)
12Mbps	$80(N)	$100(N)	$160(C)(I)	$200(C)(I)	$220(C)(I)	$275(C)(I)	$240(C)	$300(C)(I)	$60(C)(I)
13Mbps	$85(N)	$106(N)	$170(C)(I)	$213(C)(I)	$234(C)(I)	$292(C)(I)	$255(C)(R)	$319(C)(I)	$60(C)(I)
14Mbps	$90(N)	$113(N)	$180(C)(I)	$225(C)(I)	$248(C)(I)	$309(C)(I)	$270(C)(R)	$338(C)(I)	$60(C)(I)
15Mbps	$95(N)	$119(N)	$190(C)(I)	$238(C)(I)	$261(C)(I)	$327(C)(I)	$285(C)(R)	$356(C)(I)	$60(C)(I)
16Mbps	$100(N)	$125(N)	$200(C)	$250(C)(I)	$275(C)(I)	$344(C)(I)	$300(C)(R)	$375(C)(I)	$60(C)(I)
17Mbps	$105(N)	$131(N)	$210(C)(R)	$263(C)(I)	$289(C)(I)	$361(C)(I)	$315(C)(R)	$394(C)(I)	$60(C)(I)
18Mbps	$110(N)	$138(N)	$220(C)(R)	$275(C)(I)	$303(C)(I)	$378(C)(I)	$330(C)(R)	$413(C)(I)	$60(C)(I)
19Mbps	$115(N)	$144(N)	$230(C)(R)	$288(C)(I)	$316(C)(I)	$395(C)(I)	$345(C)(R)	$431(C)(I)	$60(C)(I)
20Mbps	$120(N)	$150(N)	$240(C)(R)	$300(C)(I)	$330(C)(I)	$413(C)(I)	$360(C)(R)	$450(C)(I)	$60(C)(I)
25Mbps	$125(N)	$156(N)	$250(C)(R)	$313(C)(I)	$344(C)(R)	$430(C)(I)	$375(C)(R)	$469(C)(R)	$60(C)(I)
30Mbps	$150(N)	$188(N)	$300(C)(R)	$375(C)	$413(C)(R)	$516(C)(I)	$450(C)(R)	$563(C)(R)	$60(C)(I)
35Mbps	$175(N)	$219(N)	$350(C)(R)	$438(C)(I)	$481(C)(R)	$602(C)(I)	$525(C)(R)	$656(C)(R)	$60(C)(I)
40Mbps	$200(C)(R)	$250(C)(R)	$400(C)(R)	$500(C)	$550(C)(R)	$688(C)(I)	$600(C)(R)	$750(C)(R)	$60(C)(I)
45Mbps	$205(N)	$256(N)	$410(C)(R)	$513(C)(R)	$564(C)(R)	$705(C)(I)	$615(C)(R)	$769(C)(R)	$60(C)(I)
50Mbps	$207(N)	$259(N)	$414(C)(R)	$517(C)(R)	$569(C)(R)	$711(C)(R)	$621(C)(R)	$776(C)(R)	$60(C)(I)
55Mbps	$228(N)	$284(N)	$455(N)	$569(N)	$626(N)	$782(N)	$683(N)	$853(N)	$60(N)
60Mbps	$248(N)	$310(N)	$497(N)	$621(N)	$683(N)	$853(N)	$745(N)	$931(N)	$60(N)
65Mbps	$269(N)	$336(N)	$538(N)	$672(N)	$740(N)	$925(N)	$807(N)	$1,009(N)	$60(N)
70Mbps	$290(N)	$362(N)	$579(N)	$724(N)	$797(N)	$996(N)	$869(N)	$1,086(N)	$60(N)
75Mbps	$310(N)	$388(N)	$621(N)	$776(N)	$853(N)	$1,067(N)	$931(N)	$1,164(N)	$60(N)
80Mbps	$331(N)	$414(N)	$662(N)	$828(N)	$910(N)	$1,138(N)	$993(N)	$1,241(N)	$60(N)
85Mbps	$352(N)	$440(N)	$703(N)	$879(N)	$967(N)	$1,209(N)	$1,055(N)	$1,319(N)	$60(N)
90Mbps	$372(N)	$466(N)	$745(N)	$931(N)	$1,024(N)	$1,280(N)	$1,117(N)	$1,397(N)	$60(N)
95Mbps	$393(N)	$491(N)	$786(N)	$983(N)	$1,081(N)	$1,351(N)	$1,179(N)	$1,474(N)	$60(N)
100Mbps	$414(N)	$517(N)	$828(N)	$1,034(N)	$1,138(N)	$1,422(N)	$1,241(N)	$1,552(N)	$60(N)
105Mbps	$434(N)	$543(N)	$869(N)	$1,086(N)	$1,195(N)	$1,494(N)	$1,303(N)	$1,629(N)	$60(N)
110Mbps	$455(N)	$569(N)	$910(N)	$1,138(N)	$1,252(N)	$1,565(N)	$1,366(N)	$1,707(N)	$60(N)
115Mbps	$476(N)	$595(N)	$952(N)	$1,190(N)	$1,309(N)	$1,636(N)	$1,428(N)	$1,784(N)	$60(N)
120Mbps	$497(N)	$621(N)	$993(N)	$1,241(N)	$1,366(N)	$1,707(N)	$1,490(N)	$1,862(N)	$60(N)
125Mbps	$517(N)	$647(N)	$1,034(N)	$1,293(N)	$1,422(N)	$1,778(N)	$1,552(N)	$1,940(N)	$60(N)
130Mbps	$538(N)	$672(N)	$1,076(N)	$1,345(N)	$1,479(N)	$1,849(N)	$1,614(N)	$2,017(N)	$60(N)
135Mbps	$559(N)	$698(N)	$1,117(N)	$1,397(N)	$1,536(N)	$1,920(N)	$1,676(N)	$2,095(N)	$60(N)
140Mbps	$579(N)	$724(N)	$1,159(N)	$1,448(N)	$1,593(N)	$1,991(N)	$1,738(N)	$2,172(N)	$60(N)
145Mbps	$600(N)	$750(N)	$1,200(N)	$1,500(N)	$1,650(N)	$2,063(N)	$1,800(N)	$2,250(N)	$60(N)

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year TPP.   (N)(X)

(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)

(N)(X)

4.8   Rates (Continued)

| Speed | FRATM PVCs - Monthly | | | NRC* |
	Standard VBR-nrt (SIR) VCC Only	Alternate Routing VBR-nrt (SIR) VCC Only	Disaster Recovery VBR-nrt (SIR) VCC Only	
8Kbps	$4	$3	$2	$60
16Kbps	$5	$4	$3	$60
32Kbps	$6	$5	$3	$60
48Kbps	$7	$6	$4	$60
56Kbps	$8	$7	$4	$60
64Kbps	$9	$8	$5	$60
128Kbps	$10	$9	$5	$60
192Kbps	$11	$9	$6	$60
256Kbps	$12	$10	$6	$60
320Kbps	$13	$11	$6	$60
384Kbps	$15	$13	$8	$60
448Kbps	$18	$15	$9	$60
512Kbps	$20	$17	$10	$60
576Kbps	$23	$19	$11	$60
640Kbps	$25	$21	$13	$60
704Kbps	$28	$23	$14	$60
768Kbps	$30	$26	$15	$60
832Kbps	$33	$28	$16	$60
896Kbps	$35	$30	$18	$60
960Kbps	$38	$32	$19	$60
1000Kbps	$50	$43	$25	$60
1024Kbps	$40	$34	$20	$60
1536Kbps	$60	$51	$30	$60
2Mbps	$60	$51	$30	$60
3Mbps	$70	$60	$35	$60
4Mbps	$80	$68	$40	$60
5Mbps	$90	$77	$45	$60
6Mbps	$100	$85	$50	$60
7Mbps	$110	$94	$55	$60
8Mbps	$120	$102	$60	$60
9Mbps	$130	$111	$65	$60
10Mbps	$140	$119	$70	$60

* Nonrecurring charges are waived for PVCs purchased with Customer's initial order for installation of Service, and only if Customer's associated Port or Port and Access is provided under a three (3) or five (5) year TPP.

(N)(X)

(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

(N)(X)

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)

4.8   Rates (Continued)

Speed	FRATM PVCs - Monthly			NRC*
	Standard	Alternate Routing	Disaster Recovery	
	VBR-nrt (SIR)	VBR-nrt (SIR)	VBR-nrt (SIR)	
	VCC Only	VCC Only	VCC Only	
11Mbps	$150	$128	$75	$60
12Mbps	$160	$136	$80	$60
13Mbps	$170	$145	$85	$60
14Mbps	$180	$153	$90	$60
15Mbps	$190	$162	$95	$60
16Mbps	$200	$170	$100	$60
17Mbps	$210	$179	$105	$60
18Mbps	$220	$187	$110	$60
19Mbps	$230	$196	$115	$60
20Mbps	$240	$204	$120	$60
25Mbps	$250	$213	$125	$60
30Mbps	$300	$255	$150	$60
35Mbps	$350	$298	$175	$60
40Mbps	$400	$340	$200	$60

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(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

(N)(X)

(Issued under Transmittal No. 11)

Issued: September 23, 2002   Effective: October 8, 2002

By: John S. Habeeb – Director Regulatory
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SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (N)(X)

4.8   Rates (Continued)

Speed	Alternate Routing PVCs - Monthly				Disaster Recovery PVCs - Monthly				NRC*
	Quality of Service				Quality of Service				
	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	
	VCC Only				VCC Only				
8Kbps	$2	$3	$5	$6	$1	$2	$3	$4	$60
16Kbps	$2	$3	$5	$6	$1	$2	$3	$4	$60
32Kbps	$2	$3	$5	$6	$1	$2	$3	$4	$60
48Kbps	$2	$3	$5	$6	$1	$2	$3	$4	$60
56Kbps	$2	$3	$5	$6	$1	$2	$3	$4	$60
64Kbps	$2	$3	$5	$6	$1	$2	$3	$4	$60
128Kbps	$3	$4	$5	$6	$2	$3	$3	$4	$60
192Kbps	$4	$6	$8	$9	$3	$4	$5	$5	$60
256Kbps	$6	$9	$11	$11	$3	$5	$6	$7	$60
320Kbps	$7	$11	$13	$14	$4	$6	$8	$8	$60
384Kbps	$9	$13	$16	$17	$5	$8	$9	$10	$60
448Kbps	$10	$15	$19	$20	$6	$9	$11	$12	$60
512Kbps	$11	$17	$21	$23	$7	$10	$13	$13	$60
576Kbps	$13	$19	$24	$26	$8	$11	$14	$15	$60
640Kbps	$14	$21	$27	$28	$8	$13	$16	$17	$60
704Kbps	$16	$23	$29	$31	$9	$14	$17	$18	$60
768Kbps	$17	$26	$32	$34	$10	$15	$19	$20	$60
832Kbps	$18	$28	$35	$37	$11	$16	$20	$22	$60
896Kbps	$20	$30	$37	$40	$12	$18	$22	$23	$60
960Kbps	$21	$32	$40	$43	$13	$19	$23	$25	$60
1000Kbps	$21	$43	$58	$64	$13	$25	$34	$38	$60
1024Kbps	$23	$34	$43	$45	$13	$20	$25	$27	$60
1536Kbps	$34	$51	$64	$68	$20	$30	$38	$40	$60
2Mbps	$26	$51	$70	$77	$15	$30	$41	$45	$60
3Mbps	$30	$60	$82	$89	$18	$35	$48	$53	$60
4Mbps	$34	$68	$94	$102	$20	$40	$55	$60	$60
5Mbps	$38	$77	$105	$115	$23	$45	$62	$68	$60
6Mbps	$43	$85	$117	$128	$25	$50	$69	$75	$60
7Mbps	$47	$94	$129	$140	$28	$55	$76	$83	$60
8Mbps	$51	$102	$140	$153	$30	$60	$83	$90	$60
9Mbps	$55	$111	$152	$166	$33	$65	$89	$98	$60
10Mbps	$60	$119	$164	$179	$35	$70	$96	$105	$60

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(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.   (N)(X)

(Issued under Transmittal No. 11)

Issued: September 23, 2002   Effective: October 8, 2002

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SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)

(N)(X)

4.8   Rates (Continued)

Speed	Alternate Routing PVCs - Monthly				Disaster Recovery PVCs - Monthly				NRC*
	Quality of Service				Quality of Service				
	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	UBR (PIR)	VBR-nrt (SIR)	VBR-rt (PIR)	CBR (PIR)	
	VCC Only				VCC Only				
11Mbps	$64	$128	$175	$191	$38	$75	$103	$113	$60
12Mbps	$68	$136	$187	$204	$40	$80	$110	$120	$60
13Mbps	$72	$145	$199	$217	$43	$85	$117	$128	$60
14Mbps	$77	$153	$210	$230	$45	$90	$124	$135	$60
15Mbps	$81	$162	$222	$242	$48	$95	$131	$143	$60
16Mbps	$85	$170	$234	$255	$50	$100	$138	$150	$60
17Mbps	$89	$179	$245	$268	$53	$105	$144	$158	$60
18Mbps	$94	$187	$257	$281	$55	$110	$151	$165	$60
19Mbps	$98	$196	$269	$293	$58	$115	$158	$173	$60
20Mbps	$102	$204	$281	$306	$60	$120	$165	$180	$60
25Mbps	$106	$213	$292	$319	$63	$125	$172	$188	$60
30Mbps	$128	$255	$351	$383	$75	$150	$206	$225	$60
35Mbps	$149	$298	$409	$446	$88	$175	$241	$263	$60
40Mbps	$170	$340	$468	$510	$100	$200	$275	$300	$60
45Mbps	$174	$349	$479	$523	$103	$205	$282	$308	$60
50Mbps	$176	$352	$484	$528	$103	$207	$284	$310	$60
55Mbps	$193	$387	$532	$580	$114	$228	$313	$341	$60
60Mbps	$211	$422	$580	$633	$124	$248	$341	$372	$60
65Mbps	$229	$457	$629	$686	$134	$269	$370	$403	$60
70Mbps	$246	$492	$677	$739	$145	$290	$398	$434	$60
75Mbps	$264	$528	$725	$791	$155	$310	$427	$466	$60
80Mbps	$281	$563	$774	$844	$166	$331	$455	$497	$60
85Mbps	$299	$598	$822	$897	$176	$352	$484	$528	$60
90Mbps	$317	$633	$871	$950	$186	$372	$512	$559	$60
95Mbps	$334	$668	$919	$1,002	$197	$393	$541	$590	$60
100Mbps	$352	$703	$967	$1,055	$207	$414	$569	$621	$60
105Mbps	$369	$739	$1,016	$1,108	$217	$434	$597	$652	$60
110Mbps	$387	$774	$1,064	$1,161	$228	$455	$626	$683	$60
115Mbps	$404	$809	$1,112	$1,213	$238	$476	$654	$714	$60
120Mbps	$422	$844	$1,161	$1,266	$248	$497	$683	$745	$60
125Mbps	$440	$879	$1,209	$1,319	$259	$517	$711	$776	$60
130Mbps	$457	$914	$1,257	$1,372	$269	$538	$740	$807	$60
135Mbps	$475	$950	$1,306	$1,424	$279	$559	$768	$838	$60
140Mbps	$492	$985	$1,354	$1,477	$290	$579	$797	$869	$60
145Mbps	$510	$1,020	$1,403	$1,530	$300	$600	$825	$900	$60

* Nonrecurring charges are waived for PVCs purchased with Customer's initial order for installation of
  Service, and only if Customer's associated Port or Port and Access is provided under a three (3) or
  five (5) year TPP.

(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

(N)(X)

(Issued under Transmittal No. 11)

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)

(N)(X)

4.8   Rates (Continued)

Multicasting PVCs - Monthly					
Speed	VBR-nrt (SIR) VCC Only	NRC*	Speed	VBR-nrt (SIR) VCC Only	NRC*
8Kbps	$2	$60	13Mbps	$85	$60
16Kbps	$2	$60	14Mbps	$90	$60
32Kbps	$2	$60	15Mbps	$95	$60
48Kbps	$2	$60	16Mbps	$100	$60
56Kbps	$2	$60	17Mbps	$105	$60
64Kbps	$2	$60	18Mbps	$110	$60
128Kbps	$3	$60	19Mbps	$115	$60
192Kbps	$4	$60	20Mbps	$120	$60
256Kbps	$5	$60	25Mbps	$125	$60
320Kbps	$6	$60	30Mbps	$150	$60
384Kbps	$8	$60	35Mbps	$175	$60
448Kbps	$9	$60	40Mbps	$200	$60
512Kbps	$10	$60	45Mbps	$205	$60
576Kbps	$11	$60	50Mbps	$207	$60
640Kbps	$13	$60	55Mbps	$228	$60
704Kbps	$14	$60	60Mbps	$248	$60
768Kbps	$15	$60	65Mbps	$269	$60
832Kbps	$16	$60	70Mbps	$290	$60
896Kbps	$18	$60	75Mbps	$310	$60
960Kbps	$19	$60	80Mbps	$331	$60
1000Kbps	$25	$60	85Mbps	$352	$60
1024Kbps	$20	$60	90Mbps	$372	$60
1536Kbps	$30	$60	95Mbps	$393	$60
2Mbps	$30	$60	100Mbps	$414	$60
3Mbps	$35	$60	105Mbps	$434	$60
4Mbps	$40	$60	110Mbps	$455	$60
5Mbps	$45	$60	115Mbps	$476	$60
6Mbps	$50	$60	120Mbps	$497	$60
7Mbps	$55	$60	125Mbps	$517	$60
8Mbps	$60	$60	130Mbps	$538	$60
9Mbps	$65	$60	135Mbps	$559	$60
10Mbps	$70	$60	140Mbps	$579	$60
11Mbps	$75	$60	145Mbps	$600	$60
12Mbps	$80	$60			

* Nonrecurring charges are waived for PVCs purchased with Customer's initial order for installation of
  Service, and only if Customer's associated Port or Port and Access is provided under a three (3) or five (5)
  year TPP.

(N)(X)

(X) Issued under authority of Special Permission No. 02-124 of the F.C.C.

SECTION 4 – ASYNCHRONOUS TRANSFER MODE (Continued)   (X)

4.8   Rates (Continued)

Speed	Standard PVC - Monthly CES CBR(PIR) VCC Only	NRC(1)
1.755Mbps	$91**(C)(R)**	$60**(C)(R)**

Optional Features		1 Year		2 Year		3 Year		5 Year	
Bandwidth	Speed	Monthly	NRC	Monthly	NRC	Monthly	NRC	Monthly	NRC
DS1 – ATM Host Link*	1.5 Mbps	$90.00**(N)**	$60.00**(N)**	$80.00**(N)**	$60.00**(N)**	$75.00**(C)(I)(R)**	$0.00	$60.00**(C)(I)(R)**	$0.00
IMA - ATM Host Link*	3 - 12.2 Mbps	$225.00**(N)**	$60.00**(N)**	$200.00**(N)**	$60.00**(N)**	$188.00**(C)(I)**	$0.00	$150.00**(C)**	$0.00
DS3 - ATM Host Link*	40 Mbps	$900.00**(N)**	$60.00**(N)**	$800.00**(N)**	$60.00**(N)**	$750.00**(C)(I)(R)**	$0.00	$600.00**(C)(I)(R)**	$0.00
OC-3 - ATM Host Link*	149 Mbps	$1,800.00 **(N)**	$60.00**(N)**	$1,600.00 **(N)**	$60.00**(N)**	$1,500.00**(C)(R)**	$0.00	$1,200.00**(C)(R)**	$0.00
Each additional ATM Host-Link VPC		$9.00**(N)**	$60.00**(N)**	$8.00**(N)**	$60.00**(N)**	$7.50**(C)**	$50.00**(C)**	$6.00**(C)**	$50.00**(C)**

* ATM Host-Link includes up to 10 VPCs for DS1, 25 VPCs for IMA, 100 VPCs for DS3 and   (C)
200 VPCs for OC-3.   (C)

(1) Nonrecurring charges are waived for PVCs purchased with Customer's initial order for installation of   (N)
Service, and only if Customer's associated Port or Port and Access is provided under a three (3) or five (5)   (N)
year TPP.   (N)(X)

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(Issued under Transmittal No. 11)