E30. ETHERNET SERVICES

CONTENTS

E30. ETHERNET SERVICES

(M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.1 Service Description

(A) AT&T Switched Ethernet Service℠ is a switched Ethernet transport service providing Ethernet transport functionality using fiber and copper access facilities and a switched Ethernet core network.

(B) AT&T Switched Ethernet Service℠ provides full duplex transport of data signals between a Customer's premises [1] and an Ethernet switch in a Telephone Company central office.

(C) AT&T Switched Ethernet Service℠ supports point-to-point, point-to-multipoint or multipoint-to-multipoint configurations. Point-to-point service provides a connection between two ports. Point-to-multipoint service provides multiple point-to-point connections to multiple ports in the network. Multipoint-to-multipoint service provides a connection between three or more designated ports on the AT&T Switched Ethernet Service℠ network.

(D) The Telephone Company shall determine the interface specifications for AT&T Switched Ethernet Service℠ in its sole discretion. Customers may obtain the interface specifications from their account representatives.

(E) AT&T Switched Ethernet Service℠ provides intraLATA transport service where suitable equipment and facilities are available in selected areas.

Where facilities are not available, facilities may be constructed, subject to certain conditions as determined by the Telephone Company. Special Construction charges may apply.

(F) The minimum period for AT&T Switched Ethernet Service℠ is 12 months.

(G) Unless otherwise specified in this section, the general terms and conditions of this Intrastate Access Tariff apply to AT&T Switched Ethernet Service℠ (e.g., Section 2).

(H) AT&T Switched Ethernet Service℠ will be provisioned using the service components described below. Rates and charges for these components are provided in 30.1.6, following. AT&T Switched Ethernet Service℠ is available in two serving arrangements and two types of Customer Port Connections - the Basic Service Arrangement and Basic Ports described in subsection (1), below, and the Per Packet Class of Service Arrangement and PPCOS Ports described in subsection (2), below. Unless specifically stated otherwise, all references to Customer Port Connections or ports in Subsections (1) and (2), below, shall be deemed to refer to Basic Ports and PPCOS Ports, respectively, and all references to Customer Port Connections or ports in other sections of this Tariff shall be deemed to refer to both Basic Ports and PPCOS Ports.

(1) Basic Service Arrangement
This type of service provides transport of data using a fixed class of service for each Ethernet virtual connection.

[1] Hereinafter, the phrase "Customer's premises" and "Customer location" (or similar terms) shall be construed to include an end user's premises, as appropriate in the context, where the Customer is a Wholesale Customer and service is terminated at the premises of an end user that is not the Customer of record of the Telephone Company.

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E30. ETHERNET SERVICES

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E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.1 Service Description

(H) (Cont'd)

(1) Basic Service Arrangement (Cont'd)

(a) Basic Customer Port Connection (Basic port)

This component provides the physical transport facilities from the Customer's premises to an Ethernet switch at the Telephone Company central office. The Customer Port Connection is available at transmission speeds of 100 Mbps, 1 Gbps and 10 Gbps.

(b) Committed Information Rate (CIR) and Class of Service (CoS)

CIR, sometimes referred to as the "Logical Channel" of the port, provides the bandwidth available on a Customer Port Connection. CIR is available per Customer Port Connection in increments ranging from 2 Mbps to 10,000 Mbps. CIR is offered with multiple choices for CoS. CoS establishes the performance characteristics of the network that are suitable for certain applications. Each Customer Port Connection (port) has a single CIR and COS associated with it. CoS options are listed as a hierarchy, from "highest" to "lowest" based on network prioritization and performance as follows:

- Real-Time: Supports applications that require minimal loss, are latency-sensitive and require low latency variation (jitter), including voice and video. The service parameters associated with Real-Time CoS are Packet Delivery Rate (PDR), Latency, Jitter, and Network Availability.

- Interactive: Supports high-priority business data applications or jitter-sensitive applications such as voice and video. The service parameters associated with Interactive CoS are PDR, Latency, Jitter, and Network Availability.

- Business Critical-High: Supports most business data applications with moderate tolerance for delay and which are more sensitive to jitter, and have a higher priority than Business Critical-Medium. The service parameters associated with Business Critical-High CoS are PDR, Latency, and Network Availability.

- Business Critical-Medium: Supports most business data applications with moderate tolerance for delay and which are less sensitive to jitter. The service parameters associated with Business Critical-Medium CoS are PDR, Latency, and Network Availability.

- Non-Critical High: Supports low priority business applications with more tolerance for delay and availability. The service parameters associated with Non-Critical High CoS are PDR, Latency, and Network Availability.

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E30. ETHERNET SERVICES

(M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.1 Service Description

(H) (Cont'd)

(1) Basic Service Arrangement (Cont'd)

(c) Ethernet Virtual Circuits (EVC)

An EVC provides a logical connection to enable the flow of Ethernet traffic for point-to-point and multipoint Customer configurations. Standard EVCs are not billed to the Customer as a separate rate element. Each EVC is assigned a CIR and CoS that must be equal to or lower than the CIR and CoS of the Port.

Point-to-point EVCs can be set in 1 Mbps increments from 1 Mbps to 2000 Mbps. Multipoint EVCs can be set in 1 Mbps increments from 1 Mbps to 1000 Mbps. Requests for EVC CIR above these limits will be evaluated on an Individual Case Basis, taking into consideration factors such as facility conditions and the impact of the requested configuration on network performance.

The total assigned bandwidth (sum of the CIR for all EVCs) on a single port cannot exceed the selected CIR of that port.

Point-to-point EVCs must be symmetrical; the EVC CIR at each port must be the same.

For multipoint EVCs, the CIR for any EVC may be set according to the bandwidth needed at that port and does not need to be the same at all ports. Ports that do not meet SLA objectives due to overloading of traffic in a multipoint arrangement will not be eligible for the PDR SLA.

The aggregate assigned CIR for all EVCs between any two Customer Port Connections cannot exceed 2000 Mbps (for point-to-point EVCs) or
1000 Mbps (for multipoint EVCs), except when approved on an Individual Case Basis.

The following chart provides the maximum number of EVCs supported for point-to-point and multipoint configurations on each Customer Port Connection:

Per Customer Port Connection	EVCs
100 Mbps	Up to 8 EVCs
1 Gbps	Up to 64 EVCs
10 Gbps	Up to 508 EVCs

(M)

Material appearing on this page previously appeared on this page in Section 23.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE[SM]

E30.1.1 Service Description

(H) (Cont'd)

(1) Basic Service Arrangement (Cont'd)

(c) Ethernet Virtual Circuits (EVC) (Cont'd)

Customers may configure EVCs as point-to-point (connecting two locations) or as multipoint (connecting three or more locations), as defined above. Point-to-point EVCs (i.e. EVCs between two ports) can be associated with an unlimited number of MAC addresses. Multipoint EVCs (i.e., EVCs between three or more ports) will be limited to 250 MAC addresses per multipoint EVC on each port, unless the Customer purchases the Additional MAC Addresses optional feature. MAC addresses associated with point-to-point EVCs do not count against this limit. For example, a port that is provisioned with 3 separate multipoint EVCs may have up to 250 MAC addresses associated with each of those EVCs, for a total of 750 MAC addresses in use on that port, but each EVC is still limited to a maximum of 250 MAC addresses.

(d) Frame Size

AT&T Switched Ethernet Service[SM] will be configured to support Ethernet frame sizes up to 9126 bytes on 100 Mbps, 1 Gbps and 10 Gbps port. Frame sizes on 100 Mbps[1] and 1 Gbps ports may be restricted to less than 9126 bytes when the port is provisioned with a CIR speed of 10 Mbps or less but will allow at least 1526 bytes. (C) (N)

(2) Per Packet Class of Service Arrangement

This service arrangement provides transport of data with variable Classes of Service within an Ethernet virtual connection, using a feature called "Per Packet Class of Service" or "PPCoS." With this serving arrangement, the Customer applies a priority identifier to each Ethernet frame (packet) within an EVC, and the packet is given the associated CoS priority level within the AT&T network.

PPCoS Service Arrangement is offered where suitable PPCoS facilities exist, and may not be available at all locations for which the Basic Service Arrangement is available.

(a) PPCoS Customer Port Connection (PPCoS port)

This component provides the physical transport facilities from the Customer's premises to an Ethernet switch at the Telephone Company central office. The Customer Port Connection is available at transmission speeds of 100 Mbps, 1 Gbps and 10 Gbps.

[1] 100 Mbps ports installed prior to August 1, 2013, may be limited to 1526 bytes. (N)

E30. ETHERNET SERVICES

(M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.1 Service Description

(H) (Cont'd)

(2) Per Packet Class of Service Arrangement (Cont'd)

(b) Committed Information Rate (CIR) and Class of Service (CoS) Packages

CIR, sometimes referred to as the "Logical Channel" of the port, provides the bandwidth available on a Customer Port Connection. CIR is available per Customer Port Connection in increments ranging from 2 Mbps to 10,000 Mbps.

Under the PPCoS Service Arrangement, CIR is offered in "packages" that specify the maximum percentage of traffic that may be assigned a given Class of Service in a variety of combinations. Each PPCoS port will be ordered with one PPCoS CIR package. Customers may select a PPCoS CIR package that best matches the characteristics of their data and its associated priority levels.

PPCoS Packages (listed in hierarchical order from highest priority to lowest priority):

1. **Multimedia High** - Allows Customer to designate up to 100% of port CIR as "Real Time" and remaining percentage (if any)can be divided among any/all CoS (below Real Time) as ordered.[1]
2. **Multimedia Standard** - Allows Customer to designate up to 50% of port CIR as "Real Time" and the remaining percentage can be divided among any/all CoS (below Real Time) as ordered.[1]
3. **Critical Data** - Allows Customer to designate up to 80% of port CIR as "Business Critical - High" and the remaining percentage can be divided among any/all CoS (below Business Critical - High) as ordered.[1]
4. **Business Data** - Allows Customer to designate up to 90% of port CIR as "–Business Critical - Medium" and the remaining percentage can be divided among any/all CoS (below Business Critical - Medium) as ordered.[1]

(c) Per Packet Class of Service - Classes of Service

The PPCoS CIR packages are provisioned on PPCoS ports and allow the customer to apply a CoS priority indicator to each Ethernet frame (packet) and AT&T will route the packet with the assigned CoS priority. The customer-assigned priority will signify which of the following six Classes of Service AT&T will apply to that frame. PPCoS Ports support the same Classes of Service as are supported by the Basic Service Arrangement, plus an additional Class of Service (Non-Critical - Low) as described below. CoS options are listed as a hierarchy, from "highest" to "lowest" based on network prioritization and performance as follows:

[1]These CoS settings may be ordered in 5% increments (between 5% and 30%) and in 10% increments (from 40% to 100%).

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E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE[SM]

E30.1.1 Service Description

(H) (Cont'd)

(2) Per Packet Class of Service Arrangement (Cont'd)

(c) Per Packet Class of Service - Classes of Service (Cont'd)

- Real-Time
- Interactive
- Business Critical-High
- Business Critical-Medium
- Non-Critical High
- Non-Critical Low: Supports the lowest priority traffic.

(d) PPCoS Scheduling Method

PPCoS ports can be ordered in one of two available configurations in order to support different "scheduling methods." The AT&T Switched Ethernet Service[SM] network components will create a separate queue for each CoS served according to its weight/priority to ensure that higher CoS packets are prioritized over lower, but that even the lowest CoS is not "starved".

Port-Level Scheduling: Under this method, AT&T will prioritize all traffic on the port using a single queue schedule, so that the specified percentages of each priority are allowed to transit the network. This is the only option applicable to "port-based" service. This method can also be used for VLAN-based ports if the Customer desires CoS priority to be applied as a single queue at the port level.

VLAN Level Scheduling: Under this method, there are individual scheduling queues for each VLAN on the port and the priority or volume of packets on one VLAN have no impact on another VLAN. This may be appropriate when the Customer needs each VLAN to have its own prioritization schedule without impacting other VLANs on the port.

Requests to change the type of PPCoS Scheduling Method of an existing port may require a new port to be ordered. (M)

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E30. ETHERNET SERVICES

(M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.1 Service Description

(H) (Cont'd)

(2) Per Packet Class of Service Arrangement (Cont'd)

(e) Ethernet Virtual Circuits (EVC)

An EVC provides a logical connection to enable the flow of Ethernet traffic for point-to-point and multipoint Customer configurations. Standard EVCs are not billed to the Customer as a separate rate element. Each EVC is assigned a CIR that must be equal to or lower than the CIR of the Port. Under the PPCoS serving arrangement, each EVC must also be given a CoS profile specifying the proportion of each desired CoS (% of each CoS) on that EVC. The CoS allocation must be within the limits of the CIR package subscribed on that PPCoS port.

Point-to-point EVCs can be set in 1 Mbps increments from 1 Mbps to 2000 Mbps. Multipoint EVCs can be set in 1 Mbps increments from 1 Mbps to 1000 Mbps. Requests for EVC CIR above these limits will be evaluated on an Individual Case Basis, taking into consideration factors such as facility conditions and the impact of the requested configuration on network performance.

The total assigned bandwidth (sum of the CIR for all EVCs) on a single port cannot exceed the selected CIR of that port.

Point-to-point EVCs must be symmetrical; the EVC CIR at each port must be the same.

For multipoint EVCs, the CIR for any EVC may be set according to the bandwidth needed at that port and does not need to be the same at all ports. Ports that do not meet SLA objectives due to overloading of traffic in a multipoint arrangement will not be eligible for the PDR SLA.

The aggregate assigned CIR for all EVCs between any two Customer Port Connections cannot exceed 2000 Mbps (for point-to-point EVCs) or 1000 Mbps (for multipoint EVCs), except when approved on an Individual Case Basis.

The following chart provides the maximum number of EVCs supported for point-to-point and multipoint configurations on each Customer Port Connection:

Per Customer Port Connection	EVCs
100 Mbps	Up to 8 EVCs
1 Gbps	Up to 64 EVCs
10 Gbps	Up to 508 EVCs

(M)

Material appearing on this page previously appeared on this page in Section 23.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.1 Service Description

(H) (Cont'd)

(2) Per Packet Class of Service Arrangement (Cont'd)

(e) Ethernet Virtual Circuits (EVC) (Cont'd)

Customers may configure EVCs as point-to-point (connecting two locations) or as multipoint (connecting three or more locations), as defined above. Point-to-point EVCs (i.e., EVCs between two ports) can be associated with an unlimited number of MAC addresses. Multipoint EVCs (i.e., EVCs between three or more ports) will be limited to 250 MAC addresses per multipoint EVC on each port, unless the Customer purchases the Additional MAC Addresses optional feature. MAC addresses associated with point-to-point EVCs do not count against this limit. For example, a port that is provisioned with 3 separate multipoint EVCs may have up to 250 MAC addresses associated with each of those EVCs, for a total of 750 MAC addresses in use on that port, but each EVC is still limited to a maximum of 250 MAC addresses. (C) (C) (C)

(f) Frame Size

AT&T Switched Ethernet Service℠ will be configured to support Ethernet frame sizes up to 9126 bytes on 100 Mbps, 1 Gbps and 10 Gbps port. Frame sizes 100 Mbps[1] and 1 Gbps ports may be restricted to less than 9126 bytes when the port is provisioned with a CIR speed of 10 Mbps or less but will allow at least 1526 bytes. (C) (N)

(3) Optional Features and Functions

(a) Regenerator

Regenerators provide detection and retransmission of Ethernet signals and are used to provide service when the distance to an Ethernet switch exceeds otherwise applicable design limits. The Telephone Company will determine whether regenerators are needed and what transport medium and equipment will be used to provide regeneration. Regenerators are available on a per-port basis and are available for 100 Mbps, 1 Gbps and 10 Gbps ports.

(b) Additional MAC Addresses

The Additional MAC Address feature is offered on a per port basis. When a Customer subscribes to this feature, the MAC address limit associated with multipoint EVCs (as shown in 30.1.1(1)(c), preceding) shall be increased from 250 to 500 for each multipoint EVC present on that port.

(c) AT&T BusinessDirect® Customer Network Management

The AT&T BusinessDirect® web portal offers a Customer network management feature to all Customers subscribing to AT&T Switched Ethernet Service℠ at no additional charge. Available functions include network inventory map, alarm surveillance, SLA reporting, performance reporting, maintenance trouble reporting and status updates, and the ability to request credit for SLA conditions. Customers must have a web interface to access and monitor their network using the AT&T BusinessDirect® web portal. SLA reporting does not include traffic to or from any ICO NNI Trunking Arrangement.

[1] 100 Mbps ports installed prior to August 1, 2013, may be limited to 1526 bytes. (N)

E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE[SM]

E30.1.1 Service Description

(H) (Cont'd)

(3) Optional Features and Functions (Cont'd)

(d) Alternate Serving Switch

The Alternate Serving Switch option allows Customers to order AT&T Switched Ethernet Service[SM] from an AT&T Switched Ethernet Service[SM] switch that is different from the AT&T Switched Ethernet Service[SM] switch that would normally serve the Customer's premises. The Alternate Serving Switch charges apply for mileage measured between the AT&T Switched Ethernet Service[SM] alternate switch wire center and the Customer's premises serving wire center.

(e) Diverse Access

Diverse Access is a feature that provides transmission paths, which are diverse from each other as provided in this Section, between two designated AT&T Switched Ethernet Service[SM] Port Connections at the same Customer premises and an AT&T Switched Ethernet Service[SM] switch. These two designated Port Connections must be purchased by the same Customer of record, and must be either 1 Gbps or 10 Gbps. Customers purchasing Diverse Access will be charged a Diverse Access feature charge associated with each of the two designated Port Connections.

Each designated Port Connection will be provisioned on different Network Terminating Equipment (NTE). The fiber path from each designated Port Connection to the AT&T Switched Ethernet Service[SM] serving switch will be diverse from the path for the other designated Port Connection, from the closest available point of divergence (e.g., the closest manhole to the Customer premises or the closest Serving Wire Center to the Customer premises) and, where alternate switches are available, will be terminated on a different AT&T Switched Ethernet Service[SM] switch. In the event of an outage affecting one of the designated Port Connections, the Customer will be responsible for re-routing their traffic to the other designated Port Connection.

Diverse Access does not include construction of dual entrance facilities. If a Customer desires dual entrance facilities and they do not currently exist, arrangements must be made for constructing dual entrance facilities at the Customer's expense. (M)

Material appearing on this page previously appeared on this page in Section 23.

E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE[SM]

E30.1.1 Service Description

(H) (Cont'd)

(3) Optional Features and Functions (Cont'd)

(f) Advanced Access Failover

Advanced Access Failover ("AAF") provides automatic failover to a redundant facility in the event of a failure of a protected facility.

When a port is ordered with an AAF serving arrangement, it will be constructed with a single Customer interface, but with additional facilities within the network. There will be two fiber pairs (instead of the normal single pair) connecting the Network Terminating Equipment (NTE) to two different routers in the AT&T Switched Ethernet core network. These two fiber pairs will be diverse from each other from the closest available point of divergence (e.g., the closest manhole to the Customer premises or the closest Serving Wire Center to the Customer premises). The two facilities will operate in a "hot/standby" arrangement where "hot" represents the actively used transmission path and "standby" represents an alternate path that is unused until needed. In the event the AT&T Switched Ethernet Service[SM] network senses a disruption to a diverse portion of the facilities, it will automatically failover from the hot path to the standby path and the Ethernet Virtual Circuits (EVCs) associated with that port will continue to operate over the standby path. AAF does not include construction of dual entrance facilities. If a Customer desires dual entrance facilities and they do not currently exist, arrangements must be made for constructing dual entrance facilities at the Customer's expense.

AAF is available only for 1Gbps or 10Gbps Customer Port Connections and is ordered on a per port basis.

(g) Enhanced Multicast

The Enhanced Multicast feature allows the broadcast/multicast/unknownunicast (BUM) traffic limit associated with multipoint EVCs to be increased from 2 Mbps up to 30 Mbps per EVC. The Enhanced Multicast feature is offered on a per port basis. Once the feature is ordered on a port, each multipoint EVC on that port may be provisioned to allow up to 30 Mbps of combined BUM traffic, orderable in 1 Mbps increments. EVC orders for ports that do not specify a higher limit as allowed under this feature will be limited to the standard default of 2 Mbps BUM limit. (M)

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E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.1 Service Description

(H) (Cont')

(4) Incumbent Local Exchange Carrier Meet Point Arrangement

In some cases, the Telephone Company and another Incumbent Local Exchange Carrier (ILEC, sometimes also referred to as an Independent Company or ICO) may agree to jointly provide an Ethernet service where such service will be provided to locations in both the Telephone Company's and the other ILEC's serving territories within the same LATA. In such cases, the Telephone Company and the other ILEC may mutually agree to meet at a location (i.e., meet point) within the LATA utilizing facilities suitable for delivery of AT&T Switched Ethernet Service℠. The rates and charges for AT&T Switched Ethernet Service℠ are applicable for the Telephone Company provided portion of such service. Meet point arrangements are not available in the East region. The Telephone Company is responsible for the ordering, provisioning, billing and maintenance of such AT&T Switched Ethernet Service℠ up to the meet point.

Service Level Agreement (SLA) credits in 30.1.2, following, will apply for the portion of the service the Telephone Company provides. Such SLA credits are applicable for missed commitments determined to be the fault of the Telephone Company.

Ordering and provisioning procedures may vary and, therefore meet point rate elements and charges may not be applicable, when the other ILEC involved in the meet point arrangement is an AT&T ILEC.

Meet point arrangements, where available, may be offered in two configurations:

Direct LEC is a dedicated AT&T Switched Ethernet Service℠ port connection that provides connectivity from a Telephone Company Ethernet switch to a meet point with the other ILEC. In addition to port, CIR and any other rates and charges applicable to the AT&T Switched Ethernet Service℠, Direct LEC Additional Mileage charges will apply based on the airline distance measured from the meet point to the wire center in which the Ethernet switch for AT&T Switched Ethernet Service℠ is located.

ICO NNI Arrangement (ICO Trunking Arrangement) provides a shared trunk connection from the AT&T Switched Ethernet Service℠ switch to the meet-point that is then connected to the ILEC (ICO) Ethernet switch, for purposes of providing multiple Ethernet Virtual Connections (EVCs) for the same or different customers over this shared facility. The ICO Trunk Connection charge is applied to each EVC that is transported on the ICO Trunking Arrangement. The Additional Mileage charge is based on the distance measured from the AT&T Switched Ethernet Service℠ switch to the meet point for mileage that exceeds 10 miles and is applicable to each ICO Trunking Arrangement EVC transported across the shared facility.

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E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE[SM]

E30.1.2 Service Level Agreement (SLA)

(A) Class of Service (CoS) SLA

CoS SLA credits will be granted for AT&T Switched Ethernet Service[SM] if the Telephone Company fails to meet service parameters (i.e., Latency, Packet Delivery Rate (PDR) and Jitter) defined for each CoS, subject to the following terms and conditions:

(1) The Customer must notify the Telephone Company when the service parameters within any calendar month fail to meet the committed level.

(2) The Customer must request a service credit within 45 days after the end of the month when the failure occurred.

(3) Upon verification by the Telephone Company that the actual service performance for that parameter failed to meet the committed level, the Telephone Company has one month to correct the problem.

(4) If after one month, the service performance for that parameter is still failing to meet the committed level, the Customer will be provided a service credit equal to 25% of the monthly recurring charge for all affected ports (for each of the SLAs other than Network Availability). Only one such credit, per port, shall be applied per calendar month.

(5) Latency may vary on ports with Real Time CIR of 10 Mbps or below and Real Time EVCs on such ports are excluded from calculations that determine whether the latency SLA is met.

(6) Real Time EVCs between ports that are connected with an inter-Central Office facilities path extending more than 200 miles or those with EVC CIRs in excess of 1000 Mbps and/or using a PPCoS serving arrangement with a package exceeding 1000 Mbps Real Time are not subject to the Real Time Latency SLA and are excluded from calculations that determine whether the Latency SLA is met.

(7) Latency, Jitter, and Packet Delivery Rate (PDR) SLA

Latency, Jitter and Packet Delivery Rate (PDR) are measured by averaging sample measurements taken during a calendar month between the NTE to which the Customer ports are attached (i.e., end to end), when the AT&T Switched Ethernet Service[SM] network is available for use by the Customer. The SLA service parameters are based on a LATA-wide average of the Customer's one-way traffic traversing the NTE and the network. The SLA target for Latency and Jitter is to be not more than, and for PDR is to be not less than, the applicable amount set forth in the table below. Notwithstanding the foregoing, these SLA measurements do not include traffic to or from any ICO NNI Trunking Arrangement.

[1]This CoS is only offered as part of the PPCoS Package. (M)

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E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.2 Service Level Agreement (SLA) (Cont'd)

(A) (Cont'd)

(7) Latency, Jitter, and Packet Delivery Rate (PDR) SLA (Cont'd)

The following table displays the CoS SLA service parameters:

Class of Service	Service Measurement		
	Latency (one-way)	Jitter	Packet Delivery Rate (PDR)
Real Time	5 ms	3 ms	99.995%
Interactive	13 ms	10 ms	99.95%
Business Critical – High	20 ms	n/a	99.9%
Business Critical – Medium	30 ms	n/a	99.9%
Non-Critical High	50 ms	n/a	99.5%
Non-Critical Low[1]	n/a	n/a	n/a

(B) Network Availability SLA

The SLA service parameter for Network Availability is to be not less than 99.99% for all ports regardless of Class of Service. Network Availability is calculated as the percentage of time during a month that the network is capable of accepting and delivering Customer data during the measurement period. Network Availability includes the Ethernet core network and the local loop, and the calculation excludes maintenance windows. The calculation for Network Availability for a given month is as follows:

Network Availability = [(24 hours x days in the month x 60 minutes x number of Customer ports in the LATA) – network outage time] / (24 hours x days in the month x 60 minutes x number of Customer ports in the LATA).

The Customer is responsible for (1) notifying AT&T within 45 days after the end of the month when the Network Availability within the calendar month falls below the committed level, and (2) requesting a service credit.

Upon verification by AT&T that the actual service performance for Network Availability was less than the committed level, the Customer will be provided a service credit equal to 10 percent of the Monthly Recurring Charge (MRC) for all affected ports.

(C) Credit Allowance for Service Interruptions

Service is considered to be interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this Tariff. The interruption must result in the complete loss of service by the customer. An interruption period starts when an inoperative service is reported to the Telephone Company and ends when the service is operative.

The credit allowance for an interruption or for a series of interruptions shall be calculated based on the applicable monthly rate for the port (or ports) which were interrupted, including the other rate elements associated with that port (CIR, repeater, etc.). No credit shall be applicable to other ports on the network that were uninterrupted, even if they were unable to connect to an interrupted port.

No credit shall be allowed for an interruption period of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the facility or service for each period of 30 minutes or fraction thereof that the interruption continues after the initial 30 minute interruption.

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E30. ETHERNET SERVICES

(M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.2 Service Level Agreement (SLA) (Cont'd)

(D) SLA Exclusions

The SLA provisions, measurements, and eligibility for credit shall exclude conditions wherein service performance was adversely affected by any of the following conditions:

(1) Any cause beyond the Telephone Company's reasonable control (force majeure events) including, but not limited to, acts of war, civil disturbances, acts of civil or military authorities or public enemies, earthquakes, hurricanes, floods, fires, storms, tornadoes, explosions, lightning, power surges or failures, fiber cuts, strikes or labor disputes;

(2) Failures of any structures, facilities or equipment provided by the Customer or its contractors, equipment vendors, or by any carrier or service provider other than the Telephone Company;

(3) Interruptions caused by the negligence of the customer.

(4) Interruptions of a service during any period in which the Telephone Company is not afforded access to the premises where the service is terminated.

(5) When the Telephone Company and the Customer negotiate the release of the service for (1) maintenance purposes, (2) to make rearrangements or (3) to implement an order for a change in the service, a credit does not apply during the negotiated time of release.

(6) Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.

(7) Data loss during the Telephone Company's scheduled maintenance windows;

(8) Data exceeding subscribed CIR;

(9) Failures of any structures, facilities or equipment on the Customer's side of the demarcation point.

The total credit amount of any allowances for interruptions and SLA credits applicable in a given month shall not exceed 100% of the monthly recurring charge for the port and associated rate elements.

(M)

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E30. ETHERNET SERVICES

(M)

E30.1 AT&T SWITCHED ETHERNET SERVICE[SM]

E30.1.3 Limitations and Provisioning

(A) A Customer shall not be permitted to temporarily suspend service.

(B) The Telephone Company may use controls to limit the amount of multicast, broadcast, and unknown unicast traffic to protect the AT&T Switched Ethernet network against traffic storms. The maximum throughput of combined multicast / broadcast / unknown unicast traffic will be set at 2 Mbps per EVC on multipoint EVCs, unless the Customer purchases the Enhanced Multicast optional feature in Section 30.1.1(H)(3)(g), above. There is no restriction on point-to-point or point-to-multipoint multicast traffic. Packets dropped by traffic controls are not included in SLA calculations. The Telephone Company recommends that Customers enable controls for multicast, broadcast, and unknown unicast traffic within the Customer network(s).

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E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE[SM]

E30.1.4 Ethernet Payment Plan (EPP)

(A) To subscribe to AT&T Switched Ethernet Service[SM], the Customer must select one of the EPP options below. The service is not available to be subscribed to on a month-to-month basis.

Ethernet Payment Plan Options				
12 Months	24 Months	36 Months	48 months	60 months

(B) Nonrecurring charges shown in 30.1.6, following, will be waived for Customers subscribing to new service under an EPP, or for Customers subscribing to a new EPP for an existing service, subject to (F), below. For moves of service and service reconfigurations, nonrecurring charges will apply as specified in (G) and (H), following.

(C) During the Customer's EPP term, Telephone Company initiated recurring rate changes (i.e., rate increases or decreases) will be automatically applied to the Customer's EPP rates for the months remaining in the Customer's EPP term. However, at no time during the Customer's EPP term will rates exceed the Customer's initial EPP rates.

(D) When an EPP term expires, the Customer may select a new EPP term from among any EPP options which are then available to new Customers hereunder. EPP rates in effect at the time the new EPP term starts will apply. If the Customer selects such new EPP term at least 90 days in advance of the existing EPP term expiration date, the new EPP term will begin immediately upon the expiration of the existing EPP term. If the Customer selects such new EPP term, but does not do so at least 90 days in advance of the existing EPP term expiration date, the Term Extension Month-to-Month Rates will apply between the expiration of the existing EPP term and the date upon which the Telephone Company implements the new EPP term in its billing system.

(E) The Term Extension Month-to-Month (MTM) rates in 30.1.6, following will apply when a Customer's EPP term expires. The Customer will be billed the MTM rates in effect from time to time until such time as the Customer selects a new EPP or the Service is terminated.

(F) Termination Liability will apply if the Customer disconnects service prior to the end of the selected EPP. Termination Liability will be determined based on the number of months remaining in the EPP term times 50% of the applicable EPP monthly rates, calculated as follows:

[(EPP Monthly Rates) X (Months Remaining in EPP Term)] X 50%

In addition, the Customer must pay all nonrecurring charges that were waived, as specified in (B), above. (M)

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E30. ETHERNET SERVICES

(M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.4 Ethernet Payment Plan (EPP) (Cont'd)

(G) Moves

Moves involve a change in the physical location of one of the following:

- Point of service demarcation in the same building; or
- Change of Customer premises to a new building

(1) When the move is to a different location within the same building (i.e., results in a different point of service demarcation in the same building, such as a move to a different floor), previously waived nonrecurring charges associated with the existing service (if still under term) will be charged for all service components affected.

A new EPP term is not required (if still under EPP term) and Termination Liability will not apply for such a move. For move requests from customers who have completed an EPP term and are currently being billed Term Extension MTM rates, a new EPP is required for the service at the new location.

(2) When the move is to a different building (i.e., a different Customer premises), such a move is treated as a discontinuance of service and activation of new service. The previously waived non-recurring charges at the disconnecting location will be billed (if EPP term has not expired).

The Customer must select an EPP term for the new service at the new location. The new EPP term will be subject to the rates in effect at the time of the move. Termination liability will also apply for such a move except where all of the following conditions apply:

(a) The existing and new service locations must be served by the same serving wire center.

(b) The Customer's existing service must have been in place for at least 12 months.

(c) The Customer must select a new EPP with a term that is greater than or equal to the remainder of the existing EPP.

(d) Orders from the Customer to disconnect the existing service and reestablish service at the new location must be placed by the Customer and received by the Telephone Company on the same date.

(e) No lapse in billing will occur for moves of service under an EPP. If the Customer requests that both the existing AT&T Switched Ethernet Service℠ and the new AT&T Switched Ethernet Service℠ be in service at same time, such "overlapping" service shall be provided for no more than 30 days, and all applicable charges will be billed for both services during the period of overlapping service.

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E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.4 Ethernet Payment Plan (EPP) (Cont'd)

(H) Service Reconfigurations

The Customer may reconfigure service, subject to the conditions below.

(1) Reconfigurations Involving Changes to the Customer Port Connection:

(a) For reconfigurations to a higher-capacity Customer Port Connection, or from a Basic Port to a PPCoS Port, previously waived nonrecurring charges associated with the existing service will be charged for all service components affected if such reconfiguration occurs prior to the expiration of the EPP term. An example of such upgrade would be a change from a 1 Gbps to a 10 Gbps Customer Port Connection. The Customer must select a new EPP term for the new configuration. The new EPP term will be subject to the rates in effect at the time of the reconfiguration.

EPP Termination Liability will not apply, subject to the following conditions:

–The upgraded service must be at a higher capacity than the existing service; and

–The new and existing services must be billed to the same Customer of record at the same Customer location; and

–The new EPP term selected is equal to or greater than the remainder of the EPP term of the disconnected service.

(b) For reconfigurations to a lower capacity of the Customer Port Connection, or from a PPCoS Port to a Basic Port, EPP Termination Liability and nonrecurring charges will apply as set forth in (F), preceding, to all service components affected. An example of such a downgrade would be a change from a 1 Gbps to 100 Mbps Customer Port Connection. The Customer must select a new EPP term for the reconfigured service. The new EPP term will be subject to the rates in effect at the time of the reconfiguration.

(2) Reconfigurations Involving Changes to the CoS and CIR

Reconfigurations that require changes to the CoS, PPCoS Package, or CIR are subject to the nonrecurring charges associated with the new CoS, PPCoS Package, or CIR service components. EPP Termination Liability will not apply to such reconfigurations. The term effective dates associated with the Customer Port Connection shall apply to the associated CIR/CoS. For example, a customer with a 60-month term on original port and CIR configuration may change the CIR in month 48, while still keeping the original EPP expiration date associated with both port and CIR.

(3) Other Reconfigurations

(a) For reconfigurations not defined in (1) or (2), preceding, the nonrecurring charge associated with the Customer Port Connection will apply. An example of such change would be a Customer-requested change from a multi-mode fiber interface to a single-mode fiber interface. EPP Termination Liability will not apply to such reconfiguration changes.

(4) For any of the reconfigurations described above, any Customer that has completed an EPP term and is being billed at Term Extension MTM rates must select a new EPP term for the reconfigured service. (M)

Material appearing on this page previously appeared on this page in Section 23.

E30. ETHERNET SERVICES

(M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.4 Ethernet Payment Plan (EPP) (Cont'd)

(I) Upgrades to a Higher Level of Service

A Customer may upgrade from AT&T Switched Ethernet Service℠ to a different service provided by the Telephone Company, as provided herein. EPP Termination Liability will not apply, if all of the following conditions are met:

(a) Either:

– The new service as requested by the Customer must be at a transport speed or capacity greater than the speed or capacity of AT&T Switched Ethernet Service℠, or

– The new service must offer the same transport speed or capacity as available with AT&T Switched Ethernet Service℠ and include technology or functionality not available with AT&T Switched Ethernet Service℠.

(b) The new service and existing AT&T Switched Ethernet Service℠ must be billed to the same Customer of record at the same Customer location.

(c) The Customer's existing AT&T Switched Ethernet Service℠ must have been in place for at least 12 months.

(d) The minimum term for the new service must be equal to or greater than the remainder of the Customer's existing EPP term.

(e) The order for the new service and the disconnect order for the existing service must be placed by the Customer and received by the Telephone Company on the same date.

(f) If the Customer requests that both the existing AT&T Switched Ethernet Service℠ and the new higher level service be in service at the same time, such "overlapping" service shall be provided for no more than 90 days, and all applicable charges will be billed for both services during the period of overlapping service.

(g) Nothing in this section shall prohibit upgrades within the AT&T Switched Ethernet Service℠ as allowed under the terms contained elsewhere in this Tariff.

(M)

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E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.5 Rate Conditions

(A) AT&T Switched Ethernet Service℠ components and associated charges are set forth in (B), below.

(B) Rate Elements

(1) Basic Service Arrangement

(a) Customer Port Connection (Basic Port)

EPP monthly rates apply, per port, for transmission speeds of 100 Mbps, 1 Gbps and 10 Gbps.

(b) Class of Service (CoS), Committed Information Rate (CIR)

The Customer must select a CIR for each Basic Port. The CIR for the Basic Service Arrangement has five choices for fixed CoS. The CIR selected cannot exceed the Customer Port Connection capacity. Table A, below, shows the CIR available for each Customer Port Connection.

Table A

Customer Port Connection	CIR Bandwidth Supported
100 Mbps	2 Mbps – 100 Mbps
1 Gbps	2 Mbps – 1000 Mbps
10 Gbps	1000 Mbps – 10,000 Mbps

(2) PPCOS Service Arrangement

(a) Customer Port Connection (PPCOS Port)

EPP monthly rates apply, per port, for transmission speeds of 100 Mbps, 1 Gbps and 10 Gbps.

(b) Class of Service (CoS), Committed Information Rate (CIR)

The Customer must select a CIR for each PPCoS Port. The CIR for the PPCoS Service Arrangement has 4 “packages” that specify the maximum percentage of traffic that may be assigned a given Class of Service in a variety of combinations. Customers may select a PPCoS CIR package that best matches the characteristics of their data and its associated priority levels. The CIR selected cannot exceed the Customer Port Connection capacity. Table B, below, shows the CIR available for each Customer Port Connection.

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E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.5 Rate Conditions (Cont'd)

(B) Rate Elements (Cont'd)

(2) PPCOS Service Arrangement(Cont'd)

(b) Class of Service (CoS), Committed Information Rate (CIR) (Cont'd)

Table B

Customer Port Connection	CIR Bandwidth Support
100 Mbps	2 Mbps – 100 Mbps
1 Gbps	2 Mbps – 1000 Mbps
10 Gbps	1000 Mbps – 10,000 Mbps

(3) Optional Features and Functions

(a) Additional MAC Addresses
A nonrecurring charge and monthly charge apply, per port, for increasing the MAC address limit to 500 MAC addresses per Multipoint EVC. (C)

(b) Regenerator

EPP monthly rates, non-recurring charges and Term Extension MTM Rates apply to Regenerators, as applicable.

(c) Alternate Serving Switch

EPP monthly rates apply for mileage from the alternate AT&T Switched Ethernet Service℠ switch to the Customer's premises serving wire center. Mileage is provided in four mileage bands up to 50 miles, as shown in 30.1.6(3).

(d) Direct LEC Additional Mileage

EPP monthly rates apply for mileage from the AT&T Switched Ethernet Service℠ switch to the Meet Point providing connection to another ILEC. Mileage is provided in four mileage bands up to 50 miles, as shown in 30.1.6(3).

(e) ICO NNI Arrangement

EPP monthly rates apply for each EVC provisioned on the ICO NNI Arrangement. Charge for Additional Mileage is applied based on EVC size and mileage distance from the AT&T Switched Ethernet Service℠ switch to the Meet Point providing connection to another ILEC as shown in 30.1.6(3).

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.5 Rate Conditions (Cont'd)

(B) Rate Elements (Cont'd)

(3) Optional Features and Functions (Cont'd)

(f) Enhanced Multicast

EPP monthly rates apply to each port provisioned with the feature. An Administrative Charge will apply for adding or removing the Enhanced Multicast Feature on an existing port. Rates are set forth in Section 30.1.6(3).

(4) Administrative Charge

The Administrative Charge is a non-recurring charge that applies for each Access Order. The Administrative Charge will be waived for all orders requesting new service. Administrative Charges for AT&T Switched Ethernet Service℠ are set forth in 30.1.6(3), following.

E30.1.6 Rates and Charges

(1) Basic Service Arrangement

(A) Customer Port Connection Basic Port

Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
Customer Port Connection								
100 Mbps Port	OEM1M	$1,925.00	$624.00 (R)	$600.00(R)	$390.00(R)	$366.00(R)	$345.00(R)	$925.00
1 Gbps Port	OEM1G	$2,100.00	$960.00(R)	$920.00(R)	$600.00(R)	$590.00(R)	$580.00(R)	$1,400.00
10 Gbps Port	OEMXG	$15,750.00	$8,000.00(R)	$7,600.00(R)	$4,500.00(R)	$3,900.00 (R)	$3,450.00(R)	$10,500.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table A in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(1) Basic Service Arrangement (Cont'd)

(B) Real Time Class of Service Committed Information Rate

Real Time Class of Service Committed Information Rate								
Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	OEMO2	$150.00	$920.00 (R)	$408.00(R)	$312.00(R)	$312.00(R)	$312.00(R)	$1,200.00
4 Mbps CIR	OEMO4	$150.00	$940.00(R)	$440.00(R)	$345.00(R)	$345.00(R)	$345.00(R)	$1,275.00
5 Mbps CIR	OEMO5	$150.00	$1,000.00(R)	$520.00(R)	$382.00(R)	$382.00(R)	$382.00(R)	$1,350.00
8 Mbps CIR	OEMO8	$150.00	$1,020.00(R)	$600.00(R)	$408.00(R)	$408.00(R)	$408.00(R)	$1,375.00
10 Mbps CIR	OEM1O	$150.00	$1,076.00(R)	$808.00(R)	$546.00(R)	$546.00(R)	$546.00(R)	$1,475.00
20 Mbps CIR	OEM2O	$150.00	$1,504.00(R)	$1,040.00(R)	$708.00(R)	$708.00(R)	$708.00(R)	$2,070.00
50 Mbps CIR	OEM5O	$150.00	$1,672.00(R)	$1,168.00(R)	$792.00(R)	$792.00(R)	$792.00(R)	$2,300.00
100 Mbps CIR	OEM1H	$150.00	$1,896.00(R)	$1,320.00(R)	$900.00(R)	$900.00(R)	$900.00(R)	$2,620.00
150 Mbps CIR	OEM1F	$150.00	$2,416.00(R)	$1,507.00(R)	$980.00(R)	$980.00(R)	$980.00(R)	$3,330.00
250 Mbps CIR	OEM2F	$150.00	$2,680.00(R)	$1,950.00(R)	$1,285.00(R)	$1,285.00(R)	$1,285.00(R)	$3,700.00
400 Mbps CIR	OEM4H	$150.00	$2,940.00(R)	$2,105.00(R)	$1,398.00(R)	$1,398.00(R)	$1,398.00(R)	$4,050.00
500 Mbps CIR	OEM5H	$150.00	$3,112.00(R)	$2,198.00(R)	$1,482.00(R)	$1,482.00(R)	$1,482.00(R)	$4,280.00
600 Mbps CIR	OEM6H	$150.00	$3,544.00(R)	$2,480.00(R)	$1,686.00(R)	$1,686.00(R)	$1,686.00(R)	$4,880.00
1000 Mbps CIR	OEM1T	$150.00	$4,032.00(R)	$2,808.00(R)	$1,914.00(R)	$1,914.00(R)	$1,914.00(R)	$5,550.00
2000 Mbps CIR	OEM2T	$150.00	$5,694.00(R)	$4,840.00(R)	$3,300.00(R)	$3,300.00(R)	$3,300.00(R)	$7,909.00
2500 Mbps CIR	OEM25	$150.00	$6,834.00(R)	$5,808.00(R)	$3,960.00(R)	$3,960.00(R)	$3,960.00(R)	$9,491.00
4000 Mbps CIR	OEM4T	$150.00	$8,066.00(R)	$6,856.00(R)	$4,674.00(R)	$4,674.00(R)	$4,674.00(R)	$11,203.00
5000 Mbps CIR	OEM5T	$150.00	$9,487.00(R)	$8,064.00(R)	$5,496.00(R)	$5,496.00(R)	$5,496.00(R)	$13,177.00
7500 Mbps CIR	OEM75	$150.00	$12,462.00(R)	$10,592.00(R)	$7,218.00(R)	$7,218.00(R)	$7,218.00(R)	$17,308.00
9500 Mbps CIR	OEM95	$150.00	$14,834.00(R)	$12,608.00(R)	$8,592.00(R)	$8,592.00(R)	$8,592.00(R)	$20,602.00
10000 Mbps CIR	OEMTT	$150.00	$15,417.00(R)	$13,104.00(R)	$8,934.00(R)	$8,934.00(R)	$8,934.00(R)	$21,412.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table A in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(1) Basic Service Arrangement (Cont'd)

(C) Interactive Class of Service Committed Information Rate

Interactive Class of Service Committed Information Rate								
Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	OEMO2	$150.00	$860.00(R)	$376.00(R)	$288.00(R)	$288.00(R)	$288.00(R)	$1,100.00
4 Mbps CIR	OEMO4	$150.00	$880.00(R)	$416.00(R)	$320.00(R)	$320.00(R)	$320.00(R)	$1,175.00
5 Mbps CIR	OEMO5	$150.00	$940.00(R)	$488.00(R)	$356.00(R)	$356.00(R)	$356.00(R)	$1,250.00
8 Mbps CIR	OEMO8	$150.00	$960.00(R)	$560.00(R)	$381.00(R)	$381.00(R)	$381.00(R)	$1,275.00
10 Mbps CIR	OEM1O	$150.00	$1,016.00(R)	$752.00(R)	$510.00(R)	$510.00(R)	$510.00(R)	$1,375.00
20 Mbps CIR	OEM2O	$150.00	$1,304.00(R)	$968.00(R)	$660.00(R)	$660.00(R)	$660.00(R)	$1,800.00
50 Mbps CIR	OEM5O	$150.00	$1,448.00(R)	$1,080.00(R)	$735.00(R)	$735.00(R)	$735.00(R)	$2,000.00
100 Mbps CIR	OEM1H	$150.00	$1,648.00(R)	$1,232.00(R)	$840.00(R)	$840.00(R)	$840.00(R)	$2,270.00
150 Mbps CIR	OEM1F	$150.00	$2,096.00(R)	$1,397.00(R)	$915.00(R)	$915.00(R)	$915.00(R)	$2,890.00
250 Mbps CIR	OEM2F	$150.00	$2,328.00(R)	$1,815.00(R)	$1,195.00(R)	$1,195.00(R)	$1,195.00(R)	$3,210.00
400 Mbps CIR	OEM4H	$150.00	$2,556.00(R)	$1,955.00(R)	$1,302.00(R)	$1,302.00(R)	$1,302.00(R)	$3,520.00
500 Mbps CIR	OEM5H	$150.00	$2,704.00(R)	$2,045.00(R)	$1,380.00(R)	$1,380.00(R)	$1,380.00(R)	$3,720.00
600 Mbps CIR	OEM6H	$150.00	$3,080.00(R)	$2,312.00(R)	$1,575.00(R)	$1,575.00(R)	$1,575.00(R)	$4,240.00
1000 Mbps CIR	OEM1T	$150.00	$3,504.00(R)	$2,624.00(R)	$1,785.00(R)	$1,785.00(R)	$1,785.00(R)	$4,820.00
2000 Mbps CIR	OEM2T	$150.00	$5,327.00(R)	$4,528.00(R)	$3,084.00(R)	$3,084.00(R)	$3,084.00(R)	$7,399.00
2500 Mbps CIR	OEM25	$150.00	$6,382.00(R)	$5,424.00(R)	$3,696.00(R)	$3,696.00(R)	$3,696.00(R)	$8,863.00
4000 Mbps CIR	OEM4T	$150.00	$7,539.00(R)	$6,408.00(R)	$4,368.00(R)	$4,368.00(R)	$4,368.00(R)	$10,471.00
5000 Mbps CIR	OEM5T	$150.00	$8,866.00(R)	$7,536.00(R)	$5,136.00(R)	$5,136.00(R)	$5,136.00(R)	$12,314.00
7500 Mbps CIR	OEM75	$150.00	$11,642.00(R)	$9,896.00(R)	$6,744.00(R)	$6,744.00(R)	$6,744.00(R)	$16,170.00
9500 Mbps CIR	OEM95	$150.00	$13,854.00(R)	$11,776.00(R)	$8,028.00(R)	$8,028.00(R)	$8,028.00(R)	$19,242.00
10000 Mbps CIR	OEMTT	$150.00	$14,410.00(R)	$12,248.00(R)	$8,346.00(R)	$8,346.00(R)	$8,346.00(R)	$20,014.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table A in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(1) Basic Service Arrangement (Cont'd)

(D) Business Critical-High Class of Service Committed Information Rate

Business Critical High Class of Service Committed Information Rate								
Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	OEMO2	$150.00	$830.00(R)	$320.00(R)	$245.00(R)	$245.00(R)	$245.00(R)	$1,075.00
4 Mbps CIR	OEMO4	$150.00	$850.00(R)	$364.00(R)	$282.00(R)	$282.00(R)	$282.00(R)	$1,125.00
5 Mbps CIR	OEMO5	$150.00	$910.00(R)	$444.00(R)	$318.00(R)	$318.00(R)	$318.00(R)	$1,200.00
8 Mbps CIR	OEMO8	$150.00	$930.00(R)	$524.00(R)	$357.00(R)	$357.00(R)	$357.00(R)	$1,225.00
10 Mbps CIR	OEM1O	$150.00	$986.00(R)	$664.00(R)	$450.00(R)	$450.00(R)	$450.00(R)	$1,325.00
20 Mbps CIR	OEM2O	$150.00	$1,180.00(R)	$880.00(R)	$600.00(R)	$600.00(R)	$600.00(R)	$1,630.00
50 Mbps CIR	OEM5O	$150.00	$1,332.00(R)	$992.00(R)	$675.00(R)	$675.00(R)	$675.00(R)	$1,840.00
100 Mbps CIR	OEM1H	$150.00	$1,536.00(R)	$1,144.00(R)	$780.00(R)	$780.00(R)	$780.00(R)	$2,115.00
150 Mbps CIR	OEM1F	$150.00	$1,864.00(R)	$1,342.00(R)	$1,016.00(R)	$1,016.00(R)	$1,016.00(R)	$2,570.00
250 Mbps CIR	OEM2F	$150.00	$2,100.00(R)	$1,632.00(R)	$1,075.00(R)	$1,075.00(R)	$1,075.00(R)	$2,895.00
400 Mbps CIR	OEM4H	$150.00	$2,320.00(R)	$1,775.00(R)	$1,182.00(R)	$1,182.00(R)	$1,182.00(R)	$3,195.00
500 Mbps CIR	OEM5H	$150.00	$2,468.00(R)	$1,868.00(R)	$1,474.00(R)	$1,474.00(R)	$1,474.00(R)	$3,395.00
600 Mbps CIR	OEM6H	$150.00	$2,848.00(R)	$2,136.00(R)	$1,574.00(R)	$1,574.00(R)	$1,574.00(R)	$3,920.00
1000 Mbps CIR	OEM1T	$150.00	$3,272.00(R)	$2,400.00(R)	$2,300.00(R)	$2,300.00(R)	$2,300.00(R)	$4,500.00
2000 Mbps CIR	OEM2T	$150.00	$5,149.00(R)	$4,376.00(R)	$2,982.00(R)	$2,982.00(R)	$2,982.00(R)	$7,151.00
2500 Mbps CIR	OEM25	$150.00	$6,170.00(R)	$5,244.00(R)	$3,573.00(R)	$3,573.00(R)	$3,573.00(R)	$8,569.00
4000 Mbps CIR	OEM4T	$150.00	$7,290.00(R)	$6,196.00(R)	$4,224.00(R)	$4,224.00(R)	$4,224.00(R)	$10,125.00
5000 Mbps CIR	OEM5T	$150.00	$8,574.00(R)	$7,288.00(R)	$4,968.00(R)	$4,968.00(R)	$4,968.00(R)	$11,909.00
7500 Mbps CIR	OEM75	$150.00	$11,257.00(R)	$9,568.00(R)	$6,522.00(R)	$6,522.00(R)	$6,522.00(R)	$15,634.00
9500 Mbps CIR	OEM95	$150.00	$13,398.00(R)	$11,388.00(R)	$7,764.00(R)	$7,764.00(R)	$7,764.00(R)	$18,608.00
10000 Mbps CIR	OEMTT	$150.00	$13,934.00(R)	$11,844.00(R)	$8,073.00(R)	$8,073.00(R)	$8,073.00(R)	$19,353.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table A in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(1) Basic Service Arrangement (Cont'd)

(E) Business Critical-Medium Class of Service Committed Information Rate

Business Critical-Medium Class of Service Committed Information Rate								
Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	OEMO2	$150.00	$800.00(R)	$264.00(R)	$204.00(R)	$204.00(R)	$204.00(R)	$1,050.00
4 Mbps CIR	OEMO4	$150.00	$820.00(R)	$312.00(R)	$242.00(R)	$242.00(R)	$242.00(R)	$1,075.00
5 Mbps CIR	OEMO5	$150.00	$880.00(R)	$400.00(R)	$280.00(R)	$280.00(R)	$280.00(R)	$1,150.00
8 Mbps CIR	OEMO8	$150.00	$900.00(R)	$488.00(R)	$330.00(R)	$330.00(R)	$330.00(R)	$1,175.00
10 Mbps CIR	OEM1O	$150.00	$956.00(R)	$576.00(R)	$390.00(R)	$390.00(R)	$390.00(R)	$1,275.00
20 Mbps CIR	OEM2O	$150.00	$1,056.00(R)	$792.00(R)	$540.00(R)	$540.00(R)	$540.00(R)	$1,460.00
50 Mbps CIR	OEM5O	$150.00	$1,216.00(R)	$904.00(R)	$615.00(R)	$615.00(R)	$615.00(R)	$1,680.00
100 Mbps CIR	OEM1H	$150.00	$1,424.00(R)	$1,056.00(R)	$720.00(R)	$720.00(R)	$720.00(R)	$1,960.00
150 Mbps CIR	OEM1F	$150.00	$1,632.00(R)	$1,330.00(R)	$838.00(R)	$838.00(R)	$838.00(R)	$2,250.00
250 Mbps CIR	OEM2F	$150.00	$1,872.00(R)	$1,450.00(R)	$955.00(R)	$955.00(R)	$955.00(R)	$2,580.00
400 Mbps CIR	OEM4H	$150.00	$2,088.00(R)	$1,595.00(R)	$1,062.00(R)	$1,062.00(R)	$1,062.00(R)	$2,875.00
500 Mbps CIR	OEM5H	$150.00	$2,232.00(R)	$1,689.00(R)	$1,140.00(R)	$1,140.00(R)	$1,140.00(R)	$3,070.00
600 Mbps CIR	OEM6H	$150.00	$2,616.00(R)	$1,960.00(R)	$1,335.00(R)	$1,335.00(R)	$1,335.00(R)	$3,600.00
1000 Mbps CIR	OEM1T	$150.00	$3,040.00(R)	$2,272.00(R)	$1,545.00(R)	$1,545.00(R)	$1,545.00(R)	$4,180.00
2000 Mbps CIR	OEM2T	$150.00	$4,970.00(R)	$4,224.00(R)	$2,880.00(R)	$2,880.00(R)	$2,880.00(R)	$6,902.00
2500 Mbps CIR	OEM25	$150.00	$5,958.00(R)	$5,064.00(R)	$3,450.00(R)	$3,450.00(R)	$3,450.00(R)	$8,275.00
4000 Mbps CIR	OEM4T	$150.00	$7,040.00(R)	$5,984.00(R)	$4,080.00(R)	$4,080.00(R)	$4,080.00(R)	$9,778.00
5000 Mbps CIR	OEM5T	$150.00	$8,282.00(R)	$7,040.00(R)	$4,800.00(R)	$4,800.00(R)	$4,800.00(R)	$11,504.00
7500 Mbps CIR	OEM75	$150.00	$10,871.00(R)	$9,240.00(R)	$6,300.00(R)	$6,300.00(R)	$6,300.00(R)	$15,099.00
9500 Mbps CIR	OEM95	$150.00	$12,942.00(R)	$11,000.00(R)	$7,500.00(R)	$7,500.00(R)	$7,500.00(R)	$17,974.00
10000 Mbps CIR	OEMTT	$150.00	$13,459.00(R)	$11,440.00(R)	$7,800.00(R)	$7,800.00(R)	$7,800.00(R)	$18,693.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table A in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(1) Basic Service Arrangement (Cont'd)

(F) Non-Critical High Class of Service Committed Information Rate

Non-Critical High Class of Service Committed Information Rate								
Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	OEMO2	$150.00	$740.00(R)	$248.00(R)	$197.00(R)	$197.00(R)	$197.00(R)	$950.00
4 Mbps CIR	OEMO4	$150.00	$760.00(R)	$296.00(R)	$235.00(R)	$235.00(R)	$235.00(R)	$975.00
5 Mbps CIR	OEMO5	$150.00	$820.00(R)	$372.00(R)	$268.00(R)	$268.00(R)	$268.00(R)	$1,050.00
8 Mbps CIR	OEMO8	$150.00	$840.00(R)	$456.00(R)	$318.00(R)	$318.00(R)	$318.00(R)	$1,075.00
10 Mbps CIR	OEM1O	$150.00	$896.00(R)	$536.00(R)	$372.00(R)	$372.00(R)	$372.00(R)	$1,175.00
20 Mbps CIR	OEM2O	$150.00	$1,008.00(R)	$740.00(R)	$516.00(R)	$516.00(R)	$516.00(R)	$1,390.00
50 Mbps CIR	OEM5O	$150.00	$1,160.00(R)	$844.00(R)	$588.00(R)	$588.00(R)	$588.00(R)	$1,600.00
100 Mbps CIR	OEM1H	$150.00	$1,360.00(R)	$984.00(R)	$684.00(R)	$684.00(R)	$684.00(R)	$1,870.00
150 Mbps CIR	OEM1F	$150.00	$1,552.00(R)	$1,195.00(R)	$797.00(R)	$797.00(R)	$797.00(R)	$2,140.00
250 Mbps CIR	OEM2F	$150.00	$1,784.00(R)	$1,345.00(R)	$910.00(R)	$910.00(R)	$910.00(R)	$2,460.00
400 Mbps CIR	OEM4H	$150.00	$1,992.00(R)	$1,485.00(R)	$1,011.00(R)	$1,011.00(R)	$1,011.00(R)	$2,735.00
500 Mbps CIR	OEM5H	$150.00	$2,128.00(R)	$1,572.00(R)	$1,086.00(R)	$1,086.00(R)	$1,086.00(R)	$2,920.00
600 Mbps CIR	OEM6H	$150.00	$2,488.00(R)	$1,824.00(R)	$1,272.00(R)	$1,272.00(R)	$1,272.00(R)	$3,420.00
1000 Mbps CIR	OEM1T	$150.00	$2,888.00(R)	$2,112.00(R)	$1,470.00(R)	$1,470.00(R)	$1,470.00(R)	$3,980.00
2000 Mbps CIR	OEM2T	$150.00	$4,728.00(R)	$3,936.00(R)	$2,736.00(R)	$2,736.00(R)	$2,736.00(R)	$6,560.00
2500 Mbps CIR	OEM25	$150.00	$5,664.00(R)	$4,720.00(R)	$3,282.00(R)	$3,282.00(R)	$3,282.00(R)	$7,870.00
4000 Mbps CIR	OEM4T	$150.00	$6,688.00(R)	$5,576.00(R)	$3,876.00(R)	$3,876.00(R)	$3,876.00(R)	$9,290.00
5000 Mbps CIR	OEM5T	$150.00	$7,872.00(R)	$6,560.00(R)	$4,560.00(R)	$4,560.00(R)	$4,560.00(R)	$10,930.00
7500 Mbps CIR	OEM75	$150.00	$10,328.00(R)	$8,612.00(R)	$5,988.00(R)	$5,988.00(R)	$5,988.00(R)	$14,350.00
9500 Mbps CIR	OEM95	$150.00	$12,296.00(R)	$10,252.00(R)	$7,128.00(R)	$7,128.00(R)	$7,128.00(R)	$17,080.00
10000 Mbps CIR	OEMTT	$150.00	$12,792.00(R)	$10,660.00(R)	$7,410.00(R)	$7,410.00(R)	$7,410.00(R)	$17,760.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table A in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(2) PPCOS Service Arrangement

(A) PPCOS Customer Port Connection

Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
PPCOS Customer Port Connection								
100 Mbps Port	OEMLX	$1,925.00	$880.00(R)	$784.00(R)	$468.00(R)	$438.00(R)	$414.00(R)	$1295.00
1 Gbps Port	OEMMX	$2,100.00	$1,344.00(R)	$1,104.00(R)	$820.00(R)	$666.00(R)	$612.00(R)	$1,960.00
10 Gbps Port	OEMNX	$15,750.00	$9,600.00(R)	$9,120.00(R)	$5,400.00(R)	$4,680.00(R)	$4,140.00(R)	$12,600.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table B in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(2) PPCOS Service Arrangement (Cont'd)

(B) MultiMedia High Committed Information Rate

MultiMedia High Committed Information Rate								
Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	OEMO2	$150.00	$920.00(R)	$408.00(R)	$312.00(R)	$312.00(R)	$312.00(R)	$1,200.00
4 Mbps CIR	OEMO4	$150.00	$940.00(R)	$440.00(R)	$345.00(R)	$345.00(R)	$345.00(R)	$1,275.00
5 Mbps CIR	OEMO5	$150.00	$1,000.00(R)	$520.00(R)	$382.00(R)	$382.00(R)	$382.00(R)	$1,350.00
8 Mbps CIR	OEMO8	$150.00	$1,020.00(R)	$600.00(R)	$408.00(R)	$408.00(R)	$408.00(R)	$1,375.00
10 Mbps CIR	OEM1O	$150.00	$1,076.00(R)	$808.00(R)	$546.00(R)	$546.00(R)	$546.00(R)	$1,475.00
20 Mbps CIR	OEM2O	$150.00	$1,504.00(R)	$1,040.00(R)	$708.00(R)	$708.00(R)	$708.00(R)	$2,070.00
50 Mbps CIR	OEM5O	$150.00	$1,672.00(R)	$1,168.00(R)	$792.00(R)	$792.00(R)	$792.00(R)	$2,300.00
100 Mbps CIR	OEM1H	$150.00	$1,896.00(R)	$1,320.00(R)	$900.00(R)	$900.00(R)	$900.00(R)	$2,620.00
150 Mbps CIR	OEM1F	$150.00	$2,416.00(R)	$1,507.00(R)	$980.00(R)	$980.00(R)	$980.00(R)	$3,330.00
250 Mbps CIR	OEM2F	$150.00	$2,680.00(R)	$1,950.00(R)	$1,285.00(R)	$1,285.00(R)	$1,285.00(R)	$3,700.00
400 Mbps CIR	OEM4H	$150.00	$2,940.00(R)	$2,105.00(R)	$1,398.00(R)	$1,398.00(R)	$1,398.00(R)	$4,050.00
500 Mbps CIR	OEM5H	$150.00	$3,112.00(R)	$2,198.00(R)	$1,482.00(R)	$1,482.00(R)	$1,482.00(R)	$4,280.00
600 Mbps CIR	OEM6H	$150.00	$3,544.00(R)	$2,480.00(R)	$1,686.00(R)	$1,686.00(R)	$1,686.00(R)	$4,880.00
1000 Mbps CIR	OEM1T	$150.00	$4,032.00(R)	$2,808.00(R)	$1,914.00(R)	$1,914.00(R)	$1,914.00(R)	$5,550.00
2000 Mbps CIR	OEM2T	$150.00	$5,694.00(R)	$4,840.00(R)	$3,300.00(R)	$3,300.00(R)	$3,300.00(R)	$7,909.00
2500 Mbps CIR	OEM25	$150.00	$6,834.00(R)	$5,808.00(R)	$3,960.00(R)	$3,960.00(R)	$3,960.00(R)	$9,491.00
4000 Mbps CIR	OEM4T	$150.00	$8,066.00(R)	$6,856.00(R)	$4,674.00(R)	$4,674.00(R)	$4,674.00(R)	$11,203.00
5000 Mbps CIR	OEM5T	$150.00	$9,487.00(R)	$8,064.00(R)	$5,496.00(R)	$5,496.00(R)	$5,496.00(R)	$13,177.00
7500 Mbps CIR	OEM75	$150.00	$12,462.00(R)	$10,592.00(R)	$7,218.00(R)	$7,218.00(R)	$7,218.00(R)	$17,308.00
9500 Mbps CIR	OEM95	$150.00	$14,834.00(R)	$12,608.00(R)	$8,592.00(R)	$8,592.00(R)	$8,592.00(R)	$20,602.00
10000 Mbps CIR	OEMTT	$150.00	$15,417.00(R)	$13,104.00(R)	$8,934.00(R)	$8,934.00(R)	$8,934.00(R)	$21,412.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table B in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(2) PPCOS Service Arrangement (Cont'd)

(C) MultiMedia Standard Committed Information Rate

MultiMedia Standard Committed Information Rate								
Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	OEMO2	$150.00	$860.00(R)	$376.00(R)	$288.00(R)	$288.00(R)	$288.00(R)	$1,100.00
4 Mbps CIR	OEMO4	$150.00	$880.00(R)	$416.00(R)	$320.00(R)	$320.00(R)	$320.00(R)	$1,175.00
5 Mbps CIR	OEMO5	$150.00	$940.00(R)	$488.00(R)	$356.00(R)	$356.00(R)	$356.00(R)	$1,250.00
8 Mbps CIR	OEMO8	$150.00	$960.00(R)	$560.00(R)	$381.00(R)	$381.00(R)	$381.00(R)	$1,275.00
10 Mbps CIR	OEM1O	$150.00	$1,016.00(R)	$752.00(R)	$510.00(R)	$510.00(R)	$510.00(R)	$1,375.00
20 Mbps CIR	OEM2O	$150.00	$1,304.00(R)	$968.00(R)	$660.00(R)	$660.00(R)	$660.00(R)	$1,800.00
50 Mbps CIR	OEM5O	$150.00	$1,448.00(R)	$1,080.00(R)	$735.00(R)	$735.00(R)	$735.00(R)	$2,000.00
100 Mbps CIR	OEM1H	$150.00	$1,648.00(R)	$1,232.00(R)	$840.00(R)	$840.00(R)	$840.00(R)	$2,270.00
150 Mbps CIR	OEM1F	$150.00	$2,096.00(R)	$1,397.00(R)	$915.00(R)	$915.00(R)	$915.00(R)	$2,890.00
250 Mbps CIR	OEM2F	$150.00	$2,328.00(R)	$1,815.00(R)	$1,195.00(R)	$1,195.00(R)	$1,195.00(R)	$3,210.00
400 Mbps CIR	OEM4H	$150.00	$2,556.00(R)	$1,955.00(R)	$1,302.00(R)	$1,302.00(R)	$1,302.00(R)	$3,520.00
500 Mbps CIR	OEM5H	$150.00	$2,704.00(R)	$2,045.00(R)	$1,380.00(R)	$1,380.00(R)	$1,380.00(R)	$3,720.00
600 Mbps CIR	OEM6H	$150.00	$3,080.00(R)	$2,312.00(R)	$1,575.00(R)	$1,575.00(R)	$1,575.00(R)	$4,240.00
1000 Mbps CIR	OEM1T	$150.00	$3,504.00(R)	$2,624.00(R)	$1,785.00(R)	$1,785.00(R)	$1,785.00(R)	$4,820.00
2000 Mbps CIR	OEM2T	$150.00	$5,327.00(R)	$4,528.00(R)	$3,084.00(R)	$3,084.00(R)	$3,084.00(R)	$7,399.00
2500 Mbps CIR	OEM25	$150.00	$6,382.00(R)	$5,424.00(R)	$3,696.00(R)	$3,696.00(R)	$3,696.00(R)	$8,863.00
4000 Mbps CIR	OEM4T	$150.00	$7,539.00(R)	$6,408.00(R)	$4,368.00(R)	$4,368.00(R)	$4,368.00(R)	$10,471.00
5000 Mbps CIR	OEM5T	$150.00	$8,866.00(R)	$7,536.00(R)	$5,136.00(R)	$5,136.00(R)	$5,136.00(R)	$12,314.00
7500 Mbps CIR	OEM75	$150.00	$11,642.00(R)	$9,896.00(R)	$6,744.00(R)	$6,744.00(R)	$6,744.00(R)	$16,170.00
9500 Mbps CIR	OEM95	$150.00	$13,854.00(R)	$11,776.00(R)	$8,028.00(R)	$8,028.00(R)	$8,028.00(R)	$19,242.00
10000 Mbps CIR	OEMTT	$150.00	$14,410.00(R)	$12,248.00(R)	$8,346.00(R)	$8,346.00(R)	$8,346.00(R)	$20,014.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table B in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(2) PPCOS Service Arrangement (Cont'd)

(D) Critical Data Committed Information Rate

Critical Data Committed Information Rate								
Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	OEMO2	$150.00	$800.00(R)	$260.00(R)	$252.00(R)	$252.00(R)	$252.00(R)	$1,050.00
4 Mbps CIR	OEMO4	$150.00	$820.00(R)	$312.00(R)	$263.00(R)	$263.00(R)	$263.00(R)	$1,075.00
5 Mbps CIR	OEMO5	$150.00	$880.00(R)	$400.00(R)	$270.00(R)	$270.00(R)	$270.00(R)	$1,150.00
8 Mbps CIR	OEMO8	$150.00	$900.00(R)	$488.00(R)	$330.00(R)	$330.00(R)	$330.00(R)	$1,175.00
10 Mbps CIR	OEM1O	$150.00	$956.00(R)	$576.00(R)	$390.00(R)	$390.00(R)	$390.00(R)	$1,275.00
20 Mbps CIR	OEM2O	$150.00	$1,056.00(R)	$792.00(R)	$540.00(R)	$540.00(R)	$540.00(R)	$1,460.00
50 Mbps CIR	OEM5O	$150.00	$1,216.00(R)	$904.00(R)	$615.00(R)	$615.00(R)	$615.00(R)	$1,680.00
100 Mbps CIR	OEM1H	$150.00	$1,424.00(R)	$1,056.00(R)	$720.00(R)	$720.00(R)	$720.00(R)	$1,960.00
150 Mbps CIR	OEM1F	$150.00	$1,632.00(R)	$1,216.00(R)	$825.00(R)	$825.00(R)	$825.00(R)	$2,250.00
250 Mbps CIR	OEM2F	$150.00	$1,872.00(R)	$1,392.00(R)	$945.00(R)	$945.00(R)	$945.00(R)	$2,580.00
400 Mbps CIR	OEM4H	$150.00	$2,088.00(R)	$1,560.00(R)	$1,062.00(R)	$1,062.00(R)	$1,062.00(R)	$2,875.00
500 Mbps CIR	OEM5H	$150.00	$2,232.00(R)	$1,672.00(R)	$1,140.00(R)	$1,140.00(R)	$1,140.00(R)	$3,070.00
600 Mbps CIR	OEM6H	$150.00	$2,616.00(R)	$1,960.00(R)	$1,335.00(R)	$1,335.00(R)	$1,335.00(R)	$3,600.00
1000 Mbps CIR	OEM1T	$150.00	$3,040.00(R)	$2,272.00(R)	$1,545.00(R)	$1,545.00(R)	$1,545.00(R)	$4,180.00
2000 Mbps CIR	OEM2T	$150.00	$4,970.00(R)	$4,224.00(R)	$2,880.00(R)	$2,880.00(R)	$2,880.00(R)	$6,902.00
2500 Mbps CIR	OEM25	$150.00	$5,958.00(R)	$5,064.00(R)	$3,450.00(R)	$3,450.00(R)	$3,450.00(R)	$8,275.00
4000 Mbps CIR	OEM4T	$150.00	$7,040.00(R)	$5,984.00(R)	$4,080.00(R)	$4,080.00(R)	$4,080.00(R)	$9,778.00
5000 Mbps CIR	OEM5T	$150.00	$8,282.00(R)	$7,040.00(R)	$4,800.00(R)	$4,800.00(R)	$4,800.00(R)	$11,504.00
7500 Mbps CIR	OEM75	$150.00	$10,871.00(R)	$9,240.00(R)	$6,300.00(R)	$6,300.00(R)	$6,300.00(R)	$15,099.00
9500 Mbps CIR	OEM95	$150.00	$12,942.00(R)	$11,000.00(R)	$7,500.00(R)	$7,500.00(R)	$7,500.00(R)	$17,974.00
10000 Mbps CIR	OEMTT	$150.00	$13,459.00(R)	$11,440.00(R)	$7,800.00(R)	$7,800.00(R)	$7,800.00(R)	$18,693.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table B in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(2) PPCOS Service Arrangement (Cont'd)

(E) Business Data Committed Information Rate

Business Data Committed Information Rate								
Rate Element[2]	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	OEMO2	$150.00	$740.00(R)	$250.00(R)	$240.00(R)	$240.00(R)	$240.00(R)	$950.00
4 Mbps CIR	OEMO4	$150.00	$760.00(R)	$296.00(R)	$245.00(R)	$245.00(R)	$245.00(R)	$975.00
5 Mbps CIR	OEMO5	$150.00	$820.00(R)	$372.00(R)	$258.00(R)	$258.00(R)	$258.00(R)	$1,050.00
8 Mbps CIR	OEMO8	$150.00	$840.00(R)	$456.00(R)	$318.00(R)	$318.00(R)	$318.00(R)	$1,075.00
10 Mbps CIR	OEM1O	$150.00	$896.00(R)	$536.00(R)	$372.00(R)	$372.00(R)	$372.00(R)	$1,175.00
20 Mbps CIR	OEM2O	$150.00	$1,008.00(R)	$740.00(R)	$516.00(R)	$516.00(R)	$516.00(R)	$1,390.00
50 Mbps CIR	OEM5O	$150.00	$1,160.00(R)	$844.00(R)	$588.00(R)	$588.00(R)	$588.00(R)	$1,600.00
100 Mbps CIR	OEM1H	$150.00	$1,360.00(R)	$984.00(R)	$684.00(R)	$684.00(R)	$684.00(R)	$1,870.00
150 Mbps CIR	OEM1F	$150.00	$1,552.00(R)	$1,128.00(R)	$786.00(R)	$786.00(R)	$786.00(R)	$2,140.00
250 Mbps CIR	OEM2F	$150.00	$1,784.00(R)	$1,292.00(R)	$900.00(R)	$900.00(R)	$900.00(R)	$2,460.00
400 Mbps CIR	OEM4H	$150.00	$1,992.00(R)	$1,452.00(R)	$1,011.00(R)	$1,011.00(R)	$1,011.00(R)	$2,735.00
500 Mbps CIR	OEM5H	$150.00	$2,128.00(R)	$1,556.00(R)	$1,086.00(R)	$1,086.00(R)	$1,086.00(R)	$2,920.00
600 Mbps CIR	OEM6H	$150.00	$2,488.00(R)	$1,824.00(R)	$1,272.00(R)	$1,272.00(R)	$1,272.00(R)	$3,420.00
1000 Mbps CIR	OEM1T	$150.00	$2,888.00(R)	$2,112.00(R)	$1,470.00(R)	$1,470.00(R)	$1,470.00(R)	$3,980.00
2000 Mbps CIR	OEM2T	$150.00	$4,728.00(R)	$3,936.00(R)	$2,736.00(R)	$2,736.00(R)	$2,736.00(R)	$6,560.00
2500 Mbps CIR	OEM25	$150.00	$5,664.00(R)	$4,720.00(R)	$3,282.00(R)	$3,282.00(R)	$3,282.00(R)	$7,870.00
4000 Mbps CIR	OEM4T	$150.00	$6,688.00(R)	$5,576.00(R)	$3,876.00(R)	$3,876.00(R)	$3,876.00(R)	$9,290.00
5000 Mbps CIR	OEM5T	$150.00	$7,872.00(R)	$6,560.00(R)	$4,560.00(R)	$4,560.00(R)	$4,560.00(R)	$10,930.00
7500 Mbps CIR	OEM75	$150.00	$10,328.00(R)	$8,612.00(R)	$5,988.00(R)	$5,988.00(R)	$5,988.00(R)	$14,350.00
9500 Mbps CIR	OEM95	$150.00	$12,296.00(R)	$10,252.00(R)	$7,128.00(R)	$7,128.00(R)	$7,128.00(R)	$17,080.00
10000 Mbps CIR	OEMTT	$150.00	$12,792.00(R)	$10,660.00(R)	$7,410.00(R)	$7,410.00(R)	$7,410.00(R)	$17,760.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).
[2] Table B in 30.1.5 shows the CIR bandwidth supported on each Customer Port Connection.

E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(3) Optional Features

Optional Features								
Rate Element	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
Regenerator (per port)								
100 Mbps	OEMRM	$250.00	$3,250.00	$1,630.00	$1,090.00	$820.00	$650.00	$3,400.00
1 Gbps	OEMRG	$250.00	$3,250.00	$1,630.00	$1,090.00	$820.00	$650.00	$3,400.00
10 Gbps	OEMRX	$1,500.00	$6,000.00	$4,800.00	$4,400.00	$4,200.00	$3,900.00	$7,200.00
Alternate Serving Switch								
0 – 10 miles	OEMA1	$1,200.00	$970.00	$485.00	$325.00	$245.00	$195.00	$1,165.00
11 – 25 miles	OEMA2	$1,200.00	$1,940.00	$970.00	$650.00	$490.00	$390.00	$2,330.00
26 – 35 miles	OEMA3	$1,200.00	$6,500.00	$3,300.00	$2,200.00	$1,700.00	$1,300.00	$8,120.00
36 – 50 miles	OEMA4	$1,200.00	$7,200.00	$4,300.00	$3,000.00	$2,500.00	$2,200.00	$8,700.00
Diverse Access	OEMDA	$600.00	$750.00	$450.00	$250.00	$250.00	$250.00	$1,000.00
Advanced Access Failover (Per Port)								
1 Gbps	OEMAF	$1,200.00	$4,000.00	$2,500.00	$2,120.00	$2,120.00	$2,120.00	$4,200.00
10 Gbps	OEMAG	$1,200.00	$22,000.00	$15,000.00	$9,000.00	$9,000.00	$9,000.00	$23,000.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B). (M)

Material appearing on this page previously appeared on this page in Section 23.

E30. ETHERNET SERVICES

(M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(3) Optional Features (Cont'd)

Optional Features								
Rate Element	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
Direct LEC Additional Mileage								
2 through 20 Mbps								
0 – 10 miles	OEMMO	$1,200.00	$1,520.00	$980.00	$750.00	$600.00	$500.00	$1,980.00
11 – 25 miles	OEMD1	$1,200.00	$3,030.00	$1,950.00	$1,500.00	$1,200.00	$1,000.00	$3,940.00
26 – 35 miles	OEMD2	$1,200.00	$4,550.00	$2,930.00	$2,250.00	$1,800.00	$1,500.00	$5,920.00
36 – 50 miles	OEMD3	$1,200.00	$7,570.00	$4,880.00	$3,750.00	$3,000.00	$2,500.00	$9,850.00
50 through 150 Mbps								
0 – 10 miles	OEMMP	$1,200.00	$1,520.00	$980.00	$750.00	$600.00	$500.00	$1,980.00
11 – 25 miles	OEMD4	$1,200.00	$3,030.00	$1,950.00	$1,500.00	$1,200.00	$1,000.00	$3,940.00
26 – 35 miles	OEMD5	$1,200.00	$4,550.00	$2,930.00	$2,250.00	$1,800.00	$1,500.00	$5,920.00
36 – 50 miles	OEMD6	$1,200.00	$7,570.00	$4,880.00	$3,750.00	$3,000.00	$2,500.00	$9,850.00
250 Mbps through 1Gbps								
0 – 10 miles	OEMMQ	$1,200.00	$1,520.00	$980.00	$750.00	$600.00	$500.00	$1,980.00
11 – 25 miles	OEMD7	$1,200.00	$3,030.00	$1,950.00	$1,500.00	$1,200.00	$1,000.00	$3,940.00
26 – 35 miles	OEMD8	$1,200.00	$4,550.00	$2,930.00	$2,250.00	$1,800.00	$1,500.00	$5,920.00
36 – 50 miles	OEMD9	$1,200.00	$7,570.00	$4,880.00	$3,750.00	$3,000.00	$2,500.00	$9,850.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B).

(M)

Material appearing on this page previously appeared on this page in Section 23.

E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(3) Optional Features (Cont'd)

Rate Element	USOC	Nonrecurring Charges[1]	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
ICO NNI Arrangement (ICO Trunking Arrangement)								
ICO Trunk Connection Charge, per EVC								
2 Mbps	OEMCA	$300.00	$350.00	$290.00	$250.00	$235.00	$220.00	$420.00
4 Mbps	OEMCB	$345.00	$400.00	$330.00	$285.00	$268.00	$250.00	$480.00
5 Mbps	OEMCC	$400.00	$450.00	$370.00	$315.00	$293.00	$270.00	$540.00
8 Mbps	OEMCD	$460.00	$510.00	$420.00	$360.00	$335.00	$310.00	$620.00
10 Mbps	OEMCE	$525.00	$590.00	$490.00	$420.00	$390.00	$360.00	$710.00
20 Mbps	OEMCF	$600.00	$700.00	$580.00	$504.00	$467.00	$430.00	$840.00
50 Mbps	OEMCG	$700.00	$880.00	$730.00	$630.00	$585.00	$540.00	$1060.00
100 Mbps	OEMCH	$800.00	$1170.00	$970.00	$840.00	$780.00	$720.00	$1410.00
150 Mbps	OEMCJ	$925.00	$1740.00	$1450.00	$1260.00	$1170.00	$1080.00	$2090.00
200 Mbps	OEMCK	$1200.00	$2000.00	$1660.00	$1440.00	$1335.00	$1230.00	$2400.00
250 Mbps	OEMCL	$1200.00	$2250.00	$1870.00	$1620.00	$1500.00	$1380.00	$2700.00
300 Mbps	OEMCM	$1200.00	$2840.00	$2360.00	$2048.00	$1896.00	$1744.00	$3410.00
400 Mbps	OEMCN	$1200.00	$4320.00	$3595.00	$3124.00	$2891.00	$2657.00	$5190.00
500 Mbps	OEMCO	$1200.00	$4840.00	$4030.00	$3500.00	$3240.00	$2980.00	$5810.00
600 Mbps	OEMCP	$1200.00	$5800.00	$4830.00	$4200.00	$3885.00	$3570.00	$6960.00
700 Mbps	OEMCQ	$1200.00	$5840.00	$5000.00	$4420.00	$4110.00	$3800.00	$7010.00
800 Mbps	OEMCR	$1200.00	$6000.00	$5140.00	$4540.00	$4220.00	$3900.00	$7200.00
900 Mbps	OEMCS	$1200.00	$6160.00	$5270.00	$4660.00	$4330.00	$4000.00	$7400.00
1000 Mbps	OEMCT	$1200.00	$6600.00	$5500.00	$4830.00	$4465.00	$4100.00	$7920.00

[1] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B). (M)

Material appearing on this page previously appeared in Section 23.

E30. ETHERNET SERVICES (M)

E30.1 AT&T SWITCHED ETHERNET SERVICE℠

E30.1.6 Rates and Charges (Cont'd)

(3) Optional Features (Cont'd)

ICO NNI Arrangement (ICO Trunking Arrangement) Additional Mileage								
2 through 20 Mbps								
0 – 10 miles	OEMCU	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
11 – 25 miles	OEMC1	$0.00	$260.00	$200.00	$170.00	$170.00	$170.00	$290.00
26 – 35 miles	OEMC4	$0.00	$420.00	$320.00	$270.00	$270.00	$270.00	$470.00
36 – 50 miles	OEMC7	$0.00	$630.00	$480.00	$410.00	$410.00	$410.00	$700.00
50 through 200 Mbps								
0 – 10 miles	OEMCU	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
11 – 25 miles	OEMC2	$0.00	$580.00	$440.00	$375.00	$375.00	$375.00	$640.00
26 – 35 miles	OEMC5	$0.00	$1020.00	$780.00	$675.00	$675.00	$675.00	$1130.00
36 – 50 miles	OEMC8	$0.00	$1660.00	$1270.00	$1100.00	$1100.00	$1100.00	$1830.00
250 through 1 Gbps								
0 – 10 miles	OEMCU	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
11 – 25 miles	OEMC3	$0.00	$2250.00	$1730.00	$1500.00	$1500.00	$1500.00	$2480.00
26 – 35 miles	OEMC6	$0.00	$2630.00	$2020.00	$1750.00	$1750.00	$1750.00	$2900.00
36 – 50 miles	OEMC9	$0.00	$2990.00	$2300.00	$2000.00	$2000.00	$2000.00	$3290.00

Additional Charges			
Rate Element	USOC	Nonrecurring Charges[(1)]	Monthly Recurring Charge
Additional MAC Addresses (per port)	OEMMC	$70.00	$5.00
Enhanced Multicast (per port)	OEMEM	$0.00	$140.00
Administrative Charge (per order)	ORCMX	$51.00	NA

[(1)] Nonrecurring Charges are waived for service ordered under an EPP as specified in 30.1.4(B). (M)

Material appearing on this page previously appeared in Section 23.

KENTUCKY
PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN
EXECUTIVE DIRECTOR
TARIFF BRANCH
Brent Kirtley
EFFECTIVE
5/29/2013
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description

(A) AT&T Dedicated Ethernet Service is a fiber based, point-to-point, Ethernet service that allows Customers to transport data signals between two locations. AT&T Dedicated Ethernet Service can be used to transport data as an Ethernet signal or embedded within an Optical Transport Network (OTN) signal.

AT&T Dedicated Ethernet Service is available at the following speed and format options:

Speed	Ethernet Formats	Optical Transport Unit (OTU) Formats
1Gbps	1GE - Gigabit Ethernet	Not available
2.5Gbps	Not available	OTU1
10Gbps	10GE LAN-PHY	OTU2e
	10GE WAN-PHY	OTU2
40Gbps	40GE	OTU3
100Gbps	100GE	OTU4

(B) Unless otherwise specified in this section, the general terms and conditions of this Intrastate Access Tariff apply to AT&T Dedicated Ethernet service (e.g. Section 2).

(N)

E30. ETHERNET SERVICES (N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(C) Port Connection

The Port Connection is the standard rate element that includes the service interface (point of demarcation) at the Customer-designated premises (Customer Site), any network termination equipment (NTE) placed at the Customer Site, and the physical transport facilities from the Customer Site to the AT&T Dedicated Ethernet network at the serving wire center for that Site.

One Port Connection charge applies per Customer Site at which the Port Connection is terminated. This charge will apply even if the Customer Site and the serving wire center are both located in the same Telephone Company building (e.g., where the Customer Site is a collocation arrangement(1), Carrier Point-of-Presence, etc.).

Rates and charges for the Port Connection are provided in Section E30.2.5.

(1) In addition to a Port Connection charge, cross connect charges will also apply under the applicable tariffs for connecting AT&T Dedicated Ethernet Service to a collocation arrangement. (N)

E30. ETHERNET SERVICES

(N)

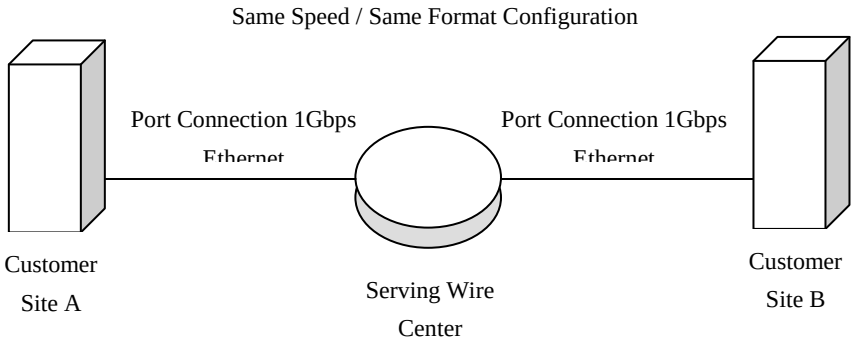
E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

AT&T Dedicated Ethernet Service is available with the following Port Connection configurations:

(1) Same Speed / Same Format

- Ethernet to Ethernet (e.g., 1GE to 1GE); or
- Optical Transport Network (OTN) to Optical Transport Network (OTN) (e.g., OTU1 to OTU1)



This example illustrates a 1Gbps Ethernet circuit from Customer Site A to Customer Site B for a same speed / same format arrangement. In this example, two – 1Gbps Ethernet Port Connection charges are applicable.

(N)

E30. ETHERNET SERVICES

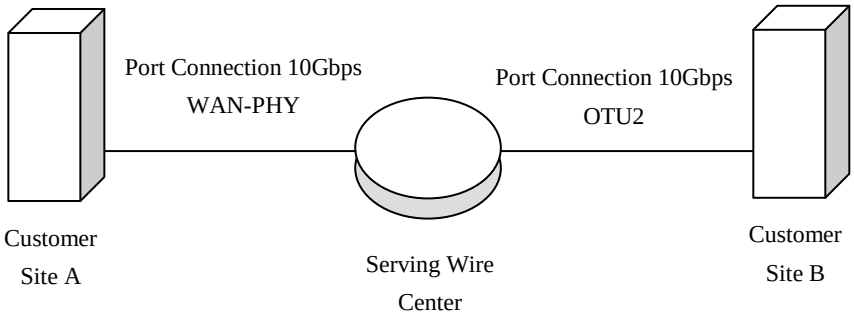
E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(2) Same Speed / Different Format

•Optical Transport Network (OTN) to Ethernet (e.g., 10GE to OTU2)

Same Speed / Different Format Configuration



This example illustrates a same speed / different format circuit configuration whereby there is a 10Gbps WAN-PHY Port Connection between Customer Site A and the serving wire center and a 10Gbps OTU2 Port Connection between Customer Site B and the serving wire center. In this circuit example, both a 10Gbps WAN-PHY and a 10Gbps OTU2 Port Connection charge would apply.

(3) Higher Speed Aggregation (N)

Higher Speed Aggregation permits Customers to connect a lower speed AT&T Dedicated Ethernet Port Connection to a channelized higher speed AT&T Dedicated Ethernet Port Connection.

OTU2 (10Gbps) and OTU4 (100Gbps) AT&T Dedicated Ethernet Port Connections may be purchased as either channelized or non-channelized. A channelized Port Connection includes a channelized circuit that terminates at a multiplexer within a serving wire center. (N)

Material previously appeared on this page now appears on Original Page 40.3.

E30. ETHERNET SERVICES

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

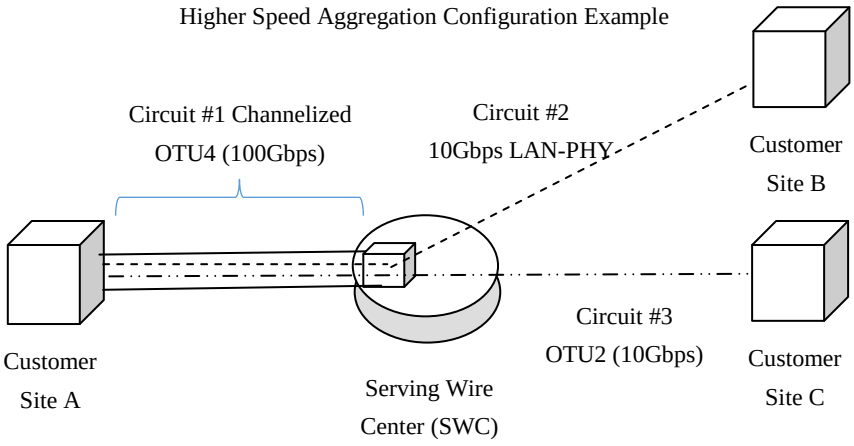
(3) Higher Speed Aggregation

(N)

A channelized OTU2 Port Connection can connect up to eight 1GE Port Connections or four OTU1 Port Connections, or any other combination of such Port Connections, up to the available capacity of the channelized OTU2 Port Connection.

A channelized OTU4 Port Connection can connect to up to ten 10Gbps Port Connections in any combination of types (10GE LAN-PHY, 10GE WAN-PHY, OTU2e, or OTU2), up to the available capacity of the channelized OTU4 Port Connection.

Higher Speed Aggregation Configuration Example



(N)

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(3) Higher Speed Aggregation

In the example of a higher speed aggregation arrangement depicted in the diagram above, there are three AT&T Dedicated Ethernet circuits, as follows:

1. Circuit #1 = A channelized OTU4 (100Gbps) circuit from Customer Site A that terminates at a multiplexer within the Serving Wire Center.

   One OTU4 Port Connection monthly recurring charge applies for Circuit #1.

2. Circuit #2 = A 10Gbps LAN-PHY circuit from Customer Site B to Customer Site A. Circuit #2 occupies a channel of the higher speed Circuit #1 from the Serving Wire Center location to Customer Site A.

   One 10GE LAN-PHY Port Connection monthly recurring charge applies to Circuit #2 for the Port Connection at Customer Site B.

   No Port Connection charge applies to the portion of Circuit #2 that occupies a channel of Circuit #1 (i.e., SWC to Customer Site A).

3. Circuit #3 = A 10Gbps OTU2 circuit from Customer Site C to Customer Site A. Circuit #3 occupies a channel of the higher speed Circuit #1 from the Serving Wire Center location to Customer Site A.

   One OTU2 Port Connection monthly recurring charge applies for Circuit #3 for the Port Connection at Customer Site C.

   No Port Connection charge applies to the portion of Circuit #3 that occupies a channel of Circuit #1 (i.e., SWC to Customer Site A).

(N)

E30. ETHERNET SERVICES

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(D) Protection and Diversity Options (M)

Protection and diversity options are available for the AT&T Dedicated Ethernet Service as follows:

Protection Option	Diversity Options
• Port Protection Plus	• Port Diversity • Alternate Wire Center Diversity • Inter-Wire Center Diversity

(M)

Material appearing on this page previously appeared on Original Page 40.

E30. ETHERNET SERVICES

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(D) Protection and Diversity Options (Cont'd)

Protection cannot be combined with Diversity options except in the case of a stand-alone Alternate Wire Center Diversity option.

Protection and diversity options are available where facilities and/or operating conditions permit. Where facilities and/or operating conditions do not permit, special construction charges may apply as set forth in Section 14 of this Guidebook.

(1) Protection

Protection offers a duplicate AT&T Dedicated Ethernet Service signal routed on two different fiber pairs (a working path and a standby path) to provide increased reliability.

In the event of a failure of the working path, the AT&T Dedicated Ethernet Service will switch to the surviving path. In the event of a failure of both fiber transmission paths, an out-of-service condition will result.

Limitations:

- Protection is not available for same speed / different format circuit configurations
- Protection is not available for higher speed aggregation configurations (i.e., protection is not available for channelized circuits and circuits connecting with a channelized circuit). (N)
- Protection is not available for Meet Point arrangements. See Section 1.1(E) for more information on Meet Point arrangements. (N)

(a) Port Protection Plus

Port Protection Plus is an end-to-end (fully protected) protection option that offers a duplicate AT&T Dedicated Ethernet Service signal routed over two diversely routed fiber paths, a working path and a standby path, from Customer Site to Customer Site. Port Protection Plus also includes dual card protection at each Customer Site whereby the working path and standby paths terminate into two separate cards on a single shelf in the NTE at each of the Customer Sites.

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(D) Protection and Diversity Options (Cont'd)

(1) Protection (Cont'd)

(a)Port Protection Plus (Cont'd)

The Port Protection Plus optional feature must be selected for both Customer Sites in addition to the normal Port Connection charges.

Port Protection Plus is available only for AT&T Dedicated Ethernet circuits that meet the following conditions:

- The circuit must be configured as a same speed / same format arrangement; and
- Neither end of the circuit can terminate at a collocation arrangement

(2) Diversity

Diversity options minimize single points of failure by creating two circuits, or portions of a circuit, that are diverse from one another. With these arrangements, one or more circuits will be provisioned over the normal path and one or more circuits will be provisioned over the diverse path. Customers may transport traffic over both circuits.

Customers requesting diversity will be billed for two circuits plus the applicable diversity charge(s) for the portions of the circuit that are physically diverse.

Diversity options do not include construction of dual entrance facilities. If a Customer desires dual entrance facilities and they do not currently exist, arrangements must be made for constructing dual entrance facilities at the Customer's expense.

(N)

E30. ETHERNET SERVICES

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(D) Protection and Diversity Options (Cont'd)

(2) Diversity (Cont'd)

Limitations:

- Diversity options are not available for Meet Point arrangements. See Section 1.1(E) for more information on Meet Point arrangements. (N) (N)
- Port Diversity and Alternate Wire Center Diversity cannot be selected at the same Customer Site location for the same AT&T Dedicated Ethernet Service Port Connection.

The following Diversity options are available for AT&T Dedicated Ethernet Service:

(a)Port Diversity

Port Diversity is a feature that provides transmission paths (a normal path and a diverse path), which are diverse from each other between two designated AT&T Dedicated Ethernet Service Port Connections at the same Customer Site and its serving wire center.

The fiber path from each designated Port Connection to its serving wire center will be diverse from each other from the closest available point of divergence (e.g., the closest manhole to the Customer Site). These two designated Port Connections must be purchased by the same Customer.

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

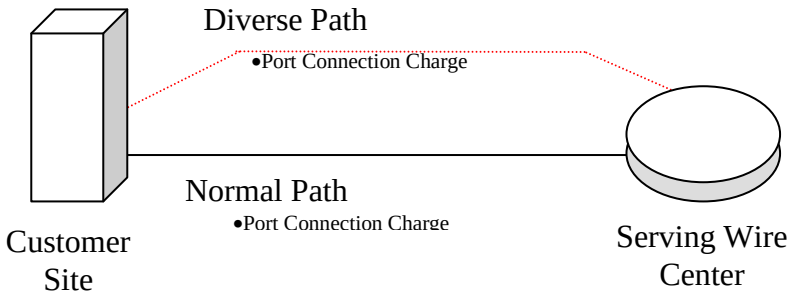
E30.2.1 Service Description (Cont'd)

(D) Protection and Diversity Options (Cont'd)

(2) Diversity (Cont'd)

(a)Port Diversity (Cont'd)

Port Diversity requires the Customer to purchase duplicate Port Connections (to establish a normal path and a diverse path) from the Customer Site(s) to its serving wire center(s). In addition, a Port Diversity charge applies on the diverse path circuit for each pair of designated Port Connections at any Customer Site where Port Diversity is requested.



(b) Alternate Wire Center Diversity

(i) Alternate Wire Center Diversity is a feature that provides transmission paths (a normal path and a diverse path), which are diverse from each other between two designated AT&T Dedicated Ethernet Service Port Connections at the same Customer Site whereby the normal path is routed to its normal serving wire center and the diverse path is routed to an alternate wire center.

(N)

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(D) Protection and Diversity Options (Cont'd)

(2) Diversity (Cont'd)

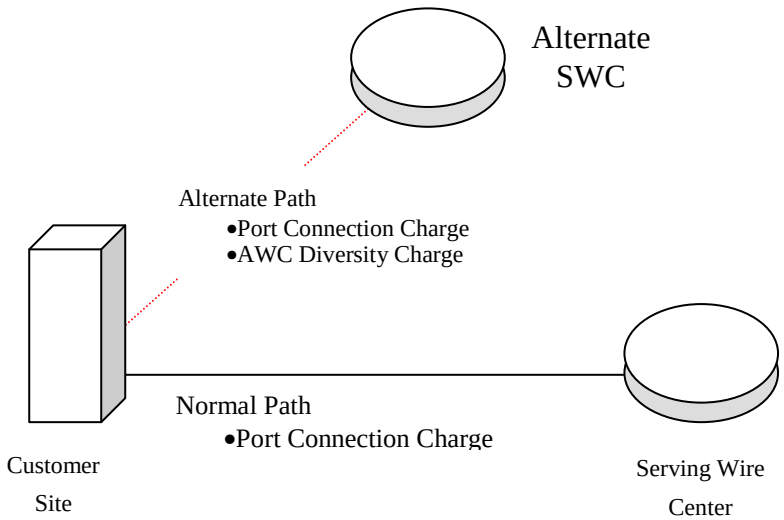
(b) Alternate Wire Center Diversity (Cont'd)

The Telephone Company will choose the alternate wire center that is capable of providing AT&T Dedicated Ethernet Service over the alternate route.

The fiber path from each designated Port Connection to its applicable serving wire center (normal and alternate) will be diverse from each other from the closest available point of divergence (e.g., the closest manhole to the Customer Site). These two designated Port Connections must be purchased by the same Customer.

Alternate Wire Center Diversity requires the Customer to purchase duplicate Port Connections (to establish a normal path and a diverse path) from the Customer Site(s) to the applicable serving wire center(s). In addition, an Alternate Wire Center Diversity charge applies on the diverse path circuit for each pair of designated Port Connections at any Customer Site where Alternate Wire Center Diversity is requested.

Alternate Wire Center (AWC) Diversity Example



(N)

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(D) Protection and Diversity Options (Cont'd)

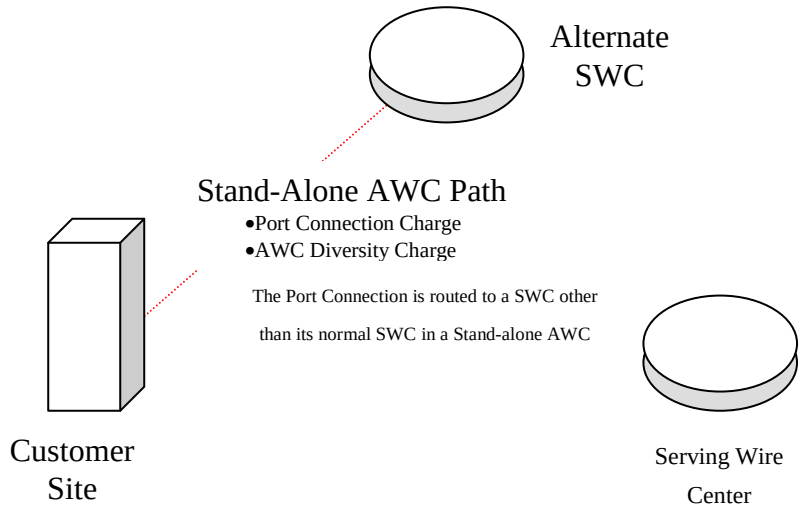
(2) Diversity (Cont'd)

(b) Alternate Wire Center Diversity (Cont'd)

(ii) Stand-Alone Alternate Wire Center (AWC) Routing Alternate Wire Center Diversity is available as a stand-alone AWC arrangement where there is no actual diversity. In this arrangement, an AT&T Dedicated Ethernet Service Port Connection is routed to an alternate wire center rather than its normal serving wire center.

The Customer is assessed a Port Connection charge and an Alternate Wire Center Diversity charge for a stand-alone AWC route connecting the Customer Site to the alternate serving wire center.

Stand-Alone Alternate Wire Center (AWC) Example



(N)

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(2) Diversity (Cont'd)

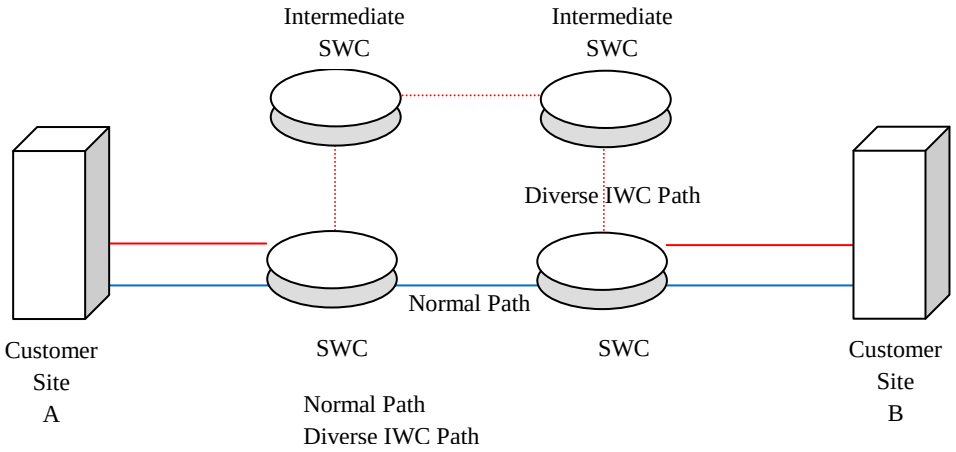
(c) Inter-Wire Center (IWC) Diversity

Inter-Wire Center (IWC) Diversity is a feature that provides a transmission path between the serving wire centers for each end of the circuit that is separate from the normal transmission path. IWC Diversity arrangements are available only where each end of an AT&T Dedicated Ethernet circuit is provided from a different serving wire center.

Inter-Wire Center (IWC) Diversity requires the Customer to purchase duplicate Port Connections from each Customer Site to each serving wire center. An Inter-Wire Center Diversity charge applies to the AT&T Dedicated Ethernet Service circuit designated with the diverse IWC path.

The Inter-Wire Center Diversity option can be selected on its own or in combination with the Port Diversity and Alternate Wire Center Diversity options.

Inter-Wire Center (IWC) Diversity Example



(N)

E30. ETHERNET SERVICES

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.1 Service Description (Cont'd)

(2) Diversity (Cont'd)

(c) Inter-Wire Center (IWC) Diversity (Cont'd)

In the IWC Diversity example above, there are two AT&T Dedicated Ethernet Service circuits between Customer Site A and Customer Site B as follows:

1.Circuit #1 is the normal path circuit and consists of two Port Connection charges.
2.Circuit #2 has the Inter-Wire Center Diversity feature to provide a diverse IWC path from circuit #1. Circuit #2 consists of two Port Connection charges plus an Inter-Wire Center Diversity charge.

(E) Meet Point Arrangements

In some cases, the Telephone Company and another Incumbent Local Exchange Carrier (ILEC, sometimes referred to as an Independent Company or ICO) may agree to jointly provide service where such service will be provided to locations in both the Telephone Company's and the other ILEC's serving territories within the same LATA. In such cases, the Telephone Company and the other ILEC may mutually agree to meet at a location (i.e., meet point) within the LATA utilizing facilities suitable for delivery of AT&T Dedicated Ethernet. (C)

The Telephone Company is responsible for the ordering, provisioning, billing and maintenance of such AT&T Dedicated Ethernet service up to the meet point.

The rates and charges for AT&T Dedicated Ethernet are applicable for the Telephone Company-provided portion of such service as follows:

1.One Port Connection charge applies for the portion of the circuit provided by the Telephone Company.
2.The Administrative Charge applies in full per order received.
3.The Design and Central Office Connection Charge applies in full per AT&T Dedicated Ethernet circuit.
4.The Customer Connection Charge applies for the termination of the Port Connection provided by the Telephone Company. (C)

Material previously appearing on this page appears on Original Page 48.1

E30. ETHERNET SERVICES

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.2 Types of Rates and Charges (M)

(A) Non-recurring Charges

Non-recurring charges are one–time charges that apply for specific work activity (i.e., installation or change to an existing service) related to the provisioning of AT&T Dedicated Ethernet Service. The types of nonrecurring charges that apply for AT&T Dedicated Ethernet Service are:

(1) Installation of Service: Nonrecurring charges apply to each service installed.
(2) Installation of Optional Features and Functions: Nonrecurring charges apply for the installation of the optional features and functions available with AT&T Dedicated Ethernet Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service.
(3) Service Rearrangements: Service rearrangements are changes to existing (installed) services which do not result in either:

- A change in the minimum period of the service, or
- A change in the physical location of the point of termination at a Customer Site. (M)

Material appearing on this page previously appeared on Original Page 48.

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.2 Types of Rates and Charges (Cont'd)

(B) Recurring Charges

Recurring Charges are rates that apply each month or fraction thereof that the service is provided. For billing purposes, each month is considered to have 30 days.

See Section E30.2.5 for Rates and Charges.

E30.2.3 Ethernet Payment Plan (EPP)

(A) Standard Terms and Conditions

(1) To subscribe to AT&T Dedicated Ethernet Service, the Customer must select an EPP term of either 12, 24, 36 or 60 months. The AT&T Dedicated Ethernet Service is not available to be subscribed to on a month-to-month basis.

(2) During the Customer's EPP term, Telephone Company initiated recurring rate changes (i.e., rate increases or decreases) will be automatically applied to the Customer's EPP rates for the months remaining in the Customer's EPP term. However, at no time during the Customer's EPP term will rates exceed the Customer's initial EPP rates.

(3) Customers may subscribe to the EPP Auto Renewal option at any time prior to expiration of their EPP term plan. EPP Auto Renewal provides for a continuation of the rates under the EPP term the Customer last completed for additional consecutive 12-month periods, subject to termination as provided below.

For instance, a Customer that has subscribed to the EPP Auto Renewal option prior to completion of a 60 month EPP term will continue to receive the 60 month EPP rate during each subsequent 12-month extension period.

EPP Auto Renewal will continue to automatically extend the Customer's term every year for an additional 12-month period unless either party provides written notice of its intent not to renew at least 60 days prior to the expiration of the initial EPP term or any additional 12-month period.

(N)

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.3 Ethernet Payment Plan (EPP) (Cont'd)

(A) Standard Terms and Conditions (Cont'd)

(3) (Cont'd)

An Administrative Charge is applicable when Customers add or remove the EPP Auto Renewal option, unless other changes for which an Administrative Charge is applicable are also being performed.

Termination Liability will apply, as described in (7) below, for service disconnected during any 12-month extension period, based upon the number of months remaining in that 12-month extension period.

(4) When an EPP term or subsequent 12-month extension period expires (and the Customer's term is not extended pursuant to the Auto Renewal option above), the Customer may select a new EPP term from among any EPP options which are then available to new Customers hereunder. EPP rates in effect at the time the new EPP term starts will apply. An Administrative Charge is applicable when Customers select a new EPP term.

(5) The Monthly Extension Rates (MER) in Section 1.5 will apply when a Customer's EPP term or subsequent 12-month extension period expires (and the Customer's term is not extended pursuant to the Auto Renewal option above). The Customer will be billed the MER rates then in effect until such time as the Customer selects a new EPP term or the Service is terminated.

(6) Termination Liability will apply if the service is disconnected prior to the end of the selected EPP term. Termination Liability will be determined based on the number of months remaining in the EPP term times 50% of the applicable EPP monthly rates, calculated as follows:

(EPP Monthly Recurring Rate) X (Months Remaining in EPP term) X (50%) = Termination Liability Charge

Example:

An AT&T Dedicated Ethernet Service Customer with a $6,000.00 monthly rate terminates service after 24 months with 12 months remaining in a 36 month EPP term.
The termination liability charge would be calculated as:

$6,000 X 12 X .50 = $36,000.00 Termination Liability

(N)

E30. ETHERNET SERVICES (N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.3 Ethernet Payment Plan (EPP) (Cont'd)

(A) Standard Terms and Conditions (Cont'd)

(8) Conversions

During the Customer's EPP term, conversions may be made to a new EPP term of the same or greater length, from among any EPP options which are then available to new Customers hereunder. The expiration date of the new EPP term must be beyond the expiration date of the original EPP term. With the conversion to the new EPP term, the Customer incurs no liability for the remaining months on the original EPP term.

An Administrative Charge is applicable when Customers select a new EPP term or change the length of an existing EPP term.

(B) Moves

Moves will be treated as a discontinuance of service and activation of new service. The previously waived non-recurring charges at the location(s) from which the circuit is being moved will be billed (if EPP term has not expired).

The Customer must select an EPP term for the new circuit. The new EPP term will be subject to the rates in effect at the time of the move. Termination Liability will apply for such a move except where all of the following conditions apply:

1. The move is limited to one end of the AT&T Dedicated Ethernet Service circuit to a different Customer Site in the same LATA
2. The Customer's existing service must have been in place for at least 12 months.
3. The Customer must select a new EPP with a term that is greater than or equal to the remainder of the existing EPP.
4. Orders from the Customer to disconnect the existing service and reestablish service at the new location must be placed by the same Customer and received by the Telephone Company on the same date.
5. No lapse in billing will occur for moves of service under an EPP. If the Customer requests that both the existing AT&T Dedicated Ethernet service and the new AT&T Dedicated Ethernet Service be in service at the same time, such "overlapping" service shall be provided for no more than 30 days, and all applicable charges will be billed for both services during the period of overlapping service. (N)

E30. ETHERNET SERVICES (N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.3 Ethernet Payment Plan (EPP) (Cont'd)

(C) Upgrades

The following activities are considered Upgrades for AT&T Dedicated Ethernet service:

1. Upgrades of AT&T Dedicated Ethernet Service from a lower capacity to a higher-speed option (e.g., conversion from a 1Gbps to a 10Gbps speed option).
2. Same speed conversions of AT&T Dedicated Ethernet service (e.g. 10GE LAN PHY to 10GE WAN PHY, 40GE to OTU3, etc).
3. Replacement of AT&T Dedicated Ethernet Service with another Telephone Company provided service at a transport speed or capacity greater than the speed or capacity available with AT&T Dedicated Ethernet Service, or at the same transport speed or capacity as available with AT&T Dedicated Ethernet Service but with enhanced technology or functionality not available with AT&T Dedicated Ethernet Service.

Upgrades will be treated as a discontinuance of service and activation of new service. The Customer must select an EPP term for the new circuit. The monthly rates for the new service will be those rates in effect at the time the new service is installed. 100% of any waived nonrecurring charges will apply if EPP term has not expired. The Customer will experience an out of service condition unless overlapping service is requested. Upgrades are contingent on availability of equipment and fiber facilities. Special Construction charges, as necessary, may apply.

EPP Termination Liability will not apply for upgrades, if all of the following conditions are met:

1. The new and existing services must be billed to the same Customer at the same Customer location; and
2. The Customer's existing AT&T Dedicated Ethernet Service must have been in place for at least 12 months; and
3. The EPP term for the new service must be equal to or greater than the remainder of the Customer's existing EPP term; and
4. The order for the new service and the disconnect order for the existing service must be placed by the Customer and received by the Telephone Company on the same date; and
5. If the Customer requests that both the existing AT&T Dedicated Ethernet Service and the new higher level service be in service at the same time, such "overlapping" service shall be provided for no more than 90 days, and all applicable charges will be billed for both services during the period of overlapping service; and
6. No lapse in service occurs. (N)

E30. ETHERNET SERVICES (N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.4 Service Level Agreements (SLA)

(A) Credit Allowance for Service Interruptions

AT&T Dedicated Ethernet Service provides credits in the event of a service interruption. The amount of the credit depends on whether the AT&T Dedicated Ethernet service is unprotected or protected.

A service is interrupted when it becomes unusable to the Customer because of a failure of a facility component used to furnish service under this Guidebook, or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the Customer for reasons not attributable to the Customer. An interruption period starts when a service disruption of greater than ten (10) consecutive seconds is reported to the Telephone Company and the Telephone Company confirms that continuity of its service has been lost. An interruption period ends when the service is operative.

The service interruption credits listed below are in lieu of, and not in addition to, the credit allowances for service interruptions provided for in the General Conditions Section of this Guidebook.

(1) Credit Allowance for Service Interruptions (For Unprotected Arrangements)

In case of an interruption to an unprotected AT&T Dedicated Ethernet Service circuit**,** an allowance for the period of interruption shall be calculated as follows: no credit shall be allowed for an interruption of less than 10 seconds. The Customer shall be credited for an interruption of 10 seconds or more as follows: the credit shall be at the rate of 10/8640 of the monthly charges for the affected AT&T Dedicated Ethernet Service circuit for each period of 5 minutes or major fraction thereof that the interruption continues.

The credit allowance(s) for service interruptions shall not exceed 100 percent of the applicable monthly rates for the affected circuit(s).

(2) Credit Allowance for Service Interruptions (Fully Protected)

A Service Level Agreement (SLA) of 99.999 percent Service Availability performance in each calendar month is provided for each fully protected AT&T Dedicated Ethernet Service circuit, subject to the limitations set forth herein. (N)

E30. ETHERNET SERVICES (N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.4 Service Level Agreements (SLA) (Cont'd)

(A) Credit Allowance for Service Interruptions

(2) Credit Allowance for Service Interruptions (Fully Protected)

An AT&T Dedicated Ethernet Service circuit is considered to be fully protected when the Port Protection Plus feature is selected on both ends (both Port Connections) of an AT&T Dedicated Ethernet Service circuit.

If this SLA is not met in any calendar month, the Customer will be entitled to a credit equal to 100 percent of the monthly rate for the Port Connections which were interrupted, including the protection feature rate elements associated with that Port Connection, not to exceed the total monthly charges for the affected circuit(s).

To qualify as a service interruption for the purposes of determining whether this Service Availability SLA has been met, any service interruption must be greater than ten (10) consecutive seconds and determined by the Telephone Company to be in its network.

The Customer is responsible for notifying the Telephone Company when the service parameter within the calendar month falls below the committed level. The Customer must request a service credit adjustment within 25 days after the end of the month when the failure occurred.

(B) SLA Exclusions

The SLA provisions, measurements, and eligibility for credit shall exclude conditions wherein service performance was adversely affected by any of the following conditions:

(1) Any cause beyond the Telephone Company's reasonable control (force majeure events) including, but not limited to, acts of war, civil disturbances, acts of civil or military authorities or public enemies, earthquakes, hurricanes, floods, fires, storms, tornadoes, explosions, lightning, power surges or failures, fiber cuts, strikes or labor disputes;
(2) Failures of any structures, facilities or equipment provided by the Customer or its contractors, equipment vendors, or by any carrier or service provider other than the Telephone Company; (N)

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.4 Service Level Agreements (SLA) (Cont'd)

(B) SLA Exclusions (Cont'd)

(3) Interruptions caused by the negligence of the Customer.
(4) Interruptions of a service during any period in which the Telephone Company is not afforded access to the premises where the service is terminated.
(5) When the Telephone Company and the Customer negotiate the release of the service for (1) maintenance purposes, (2) to make rearrangements or (3) to implement an order for a change in the service, a credit does not apply during the negotiated time of release.
(6) Periods when the Customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.
(7) Data loss during the Telephone Company's scheduled maintenance windows;
(8) Failures of any structures, facilities or equipment on the Customer's side of the demarcation point.

The total credit amount of any allowances for interruptions and SLA credits applicable in a given month shall not exceed 100% of the monthly recurring charge for the affected AT&T Dedicated Ethernet Service circuit(s).

(N)

E30. ETHERNET SERVICES

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.5 Rates and Charges

(A) Port Connection

Port Connection	USOC	12 months	24 months	36 months	60 months	Monthly Extension Rate
1Gbps Ethernet (1GE)	EYFNX	$3,750.00	$3,500.00	$3,200.00	$2,750.00	$4,250.00
OTU1 (2.5Gbps)	EYFOX	$7,500.00	$7,000.00	$6,400.00	$5,500.00	$8,500.00
10Gbps Ethernet (10GE):						
LAN-PHY	EYFNX	$11,750.00	$11,000.00	$10,000.00	$8,500.00	$13,250.00
WAN-PHY	EYFNX	$11,750.00	$11,000.00	$10,000.00	$8,500.00	$13,250.00
OTU2/OTU2e (10Gbps)	EYFOX	$12,925.00	$12,100.00	$11,000.00	$9,350.00	$14,575.00
40Gbps Ethernet (40GE)	EYFNX	$29,375.00	$27,500.00	$25,000.00	$21,250.00	$33,125.00
OTU3 (40Gbps)	EYFOX	$29,375.00	$27,500.00	$25,000.00	$21,250.00	$33,125.00
100Gbps Ethernet (100GE)	EYFNX	$41,125.00	$38,500.00	$35,000.00	$29,750.00	$46,375.00
OTU4 (100Gbps)	EYFOX	$45,250.00	$42,350.00	$38,500.00	$32,725.00	$51,000.00

(N)

(N)

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.5 Rates and Charges (Cont'd)

(B) Optional Features

(1) Port Protection Plus

Port Protection Plus	USOC	12 months	24 months	36 months	60 months	Monthly Extension Rate	NRC
1Gbps Ethernet (1GE)	DV9CX	$3,950.00	$3,675.00	$3,360.00	$2,900.00	$4,500.00	$1,000.00
10Gbps Ethernet (10GE) LAN-PHY / WAN-PHY:	DV9CX	$13,600.00	$12,700.00	$11,550.00	$9,825.00	$15,300.00	$1,000.00
OTU2/OTU2e (10Gbps)	DV9CX	$13,600.00	$12,700.00	$11,550.00	$9,825.00	$15,300.00	$1,000.00
40Gbps Ethernet (40GE)	DV9CX	$35,250.00	$33,000.00	$30,000.00	$25,500.00	$39,750.00	$1,000.00
OTU3 (40Gbps)	DV9CX	$35,250.00	$33,000.00	$30,000.00	$25,500.00	$39,750.00	$1,000.00
100Gbps Ethernet (100GE)	DV9CX	$54,300.00	$50,820.00	$46,200.00	$39,270.00	$61,200.00	$1,000.00
OTU4 (100Gbps)	DV9CX	$54,300.00	$50,820.00	$46,200.00	$39,270.00	$61,200.00	$1,000.00

(N)

E30. ETHERNET SERVICES (N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.5 Rates and Charges (Cont'd)

(B) Optional Features (Cont'd)

(2) Reserved for Future Use

(3) Reserved for Future Use

(4) Port Diversity

Port Diversity	USOC	12 months	24 months	36 months	60 months	Monthly Extension Rate	NRC
All Speeds	DV9AX	$1,000.00	$875.00	$800.00	$700.00	$1,100.00	$450.00

(5) Alternate Wire Center (AWC) Diversity

Alternate Wire Center (AWC)Diversity	USOC	12 months	24 months	36 months	60 months	Monthly Extension Rate	NRC
All Speeds	CPAAX	$1,125.00	$1,000.00	$950.00	$825.00	$1,275.00	$625.00

(6) Inter-Wire Center (IWC) Diversity

Inter-Wire Center (IWC)Diversity	USOC	12 months	24 months	36 months	60 months	Monthly Extension Rate	NRC
All Speeds	DV9BX	$750.00	$700.00	$650.00	$550.00	$850.00	$450.00 (N)

E30. ETHERNET SERVICES

(N)

E30.2 AT&T DEDICATED ETHERNET SERVICE

E30.2.5 Rates and Charges (Cont'd)

(C) Installation and Rearrangement Charges

Non-Recurring Charges, all Speeds	USOC	NRC[(1)]
Administrative Charge (Per Order)	ORCMX	$60.00
Design & Central Office Connection Charge (Per Circuit)	NRBCL	$600.00
Customer Connection Charge (per Port Connection)	NRBBL	$1,500.00

(1) The Administrative Charge, Design & Central Office Connection Charge, and Customer Connection Charges will be waived for new service installations subscribing to 24, 36 and 60-month EPP terms.

(N)