

1. TELEPHONE ANSWERING SERVICE**A. General**

1. Description

Telephone answering service consists of telephone answering facilities and services furnished to customers engaged in the telephone answering service business and to other customers (clients) who desire service arrangements whereby their incoming calls may be answered for them.

2. Regulations

- a. All Telephone Answering service lines will be terminated at the Company's local loop demarcation point. Wire on the customer's side of the local loop demarcation point to terminate a telephone Answering Service line on the customer's premises is the customer's responsibility.

- b. Basic Termination Charges - Concentrator-Identifier Equipment-Occasional Service Equipment

- (1) The Company has the option of entering into either of the arrangements listed (Deferred and/or Initial Payment Arrangement) with respect to payment of the basic termination charges:^{/1/}

- Deferred Payment Arrangement

The Company may enter into an arrangement requiring that if at any time during the five-year period following the installation of concentrator-identifier equipment or occasional service equipment, such equipment is permanently disconnected as a result of a request of the customer or disconnection of customer's telephone service in accordance with the Company's applicable tariffs or Guidebook, the customer shall pay to the Company upon demand, the basic termination charge specified in Guidebook, Part 6, Section 9, following, less a credit of one-sixtieth (1/60) of said charge for each month between the date on which said equipment was installed and the date on which it was so disconnected.

^{/1/} For the purposes of computing basic termination charges the last equipment installed shall be considered to be the first equipment removed.

1. TELEPHONE ANSWERING SERVICE (cont'd)**A. General (cont'd)**

2. Regulations (cont'd)

b. Basic Termination Charges - Concentrator-Identifier Equipment Occasional Service Equipment (cont'd)

- (1) The Company has the option of entering into either of the arrangements listed (Deferred and/or Initial Payment Arrangement) with respect to payment of the basic termination charges:^{/1/} (cont'd)

- Deferred Payment Arrangement (cont'd)

Supersedure

The customer shall not be required to pay to the Company said basic termination charge if, at any time during the aforesaid five-year period, the customer's telephone service is superseded by an applicant in accordance with the Company's applicable tariffs or Guidebook.

The unexpired amount of the original basic termination charge will be established as the basic termination charge in connection with the equipment to be furnished to the applicant superseding the service.

The Company has the option of applying either the deferred or the initial payment arrangement with respect to payment of the basic termination charge.

-Initial Payment Arrangement

The Company may require the applicant to make an initial payment in advance of the installation of concentrator-identifier equipment or occasional service equipment, of an amount equal to the basic termination charge specified in Guidebook, Part 6, Section 9 following.

One-sixtieth (1/60) of the amount of this initial payment will be refunded by the Company to the customer for each month, not to exceed sixty, that the equipment remains in service and the customer complies with Company's applicable tariffs.

Interest at the rate of six percent (6%) per annum will be paid by the Company on the amount of the unrefunded balance at each date the refund is computed.

/1/ For the purposes of computing basic termination charges the last equipment installed shall be considered to be the first equipment removed.

1. TELEPHONE ANSWERING SERVICE (cont'd)

A. General (cont'd)

2. Regulations (cont'd)

b. Basic Termination Charges - Concentrator-Identifier Equipment Occasional Service Equipment (cont'd)

- (1) The Company has the option of entering into either of the arrangements listed (Deferred and/or Initial Payment Arrangement) with respect to payment of the basic termination charges:^{/1/} (cont'd)

- Initial Payment Arrangement (cont'd)

Supersedure

If, at any time during the five year period following the installation of the equipment, said customer's telephone service is superseded by another applicant in accordance with the Company's applicable tariffs or Guidebook, the portion of the initial payment held for refund will be refunded by the Company in full with interest to the outgoing customer.

The amount of the initial payment so refunded, less interest, will be established as the basic termination charge in connection with the equipment to be furnished to the applicant superseding the service.

The Company has the option of applying either the deferred or the initial payment arrangement with respect to payment of the basic termination charge.

/1/ For the purposes of computing basic termination charges the last equipment installed shall be considered to be the first equipment removed.

1. TELEPHONE ANSWERING SERVICE (cont'd)

A. General (cont'd)

2. Regulations (cont'd)

b. Basic Termination Charges - Concentrator-Identifier Equipment Occasional Service Equipment (cont'd)

- (2) When concentrator-identifier or occasional service equipment is disconnected, the basic termination charge applied is that applicable to the latest equipment installed. This treatment applies regardless of which equipment is actually disconnected, except:
- When a customer has concentrator units installed in more than one central office, the basic termination charge treatment is confined to that central office from which a concentrator unit is being disconnected. In such cases, if a basic termination charge is to be applied to an identifier unit, it is that of the identifier unit associated with the concentrator unit to which the basic termination charge applies.
 - When a customer has occasional service units installed in more than one exchange, or, where an exchange is divided into district areas, more than one district area, the rate treatment is confined to that exchange or district area from which the occasional service unit is being disconnected.

1. TELEPHONE ANSWERING SERVICE (cont'd)**Secretarial Answering Service****A. Description**

Secretarial Answering service is a service employing an extension of:

1. An individual, trunk line, PBX station, Centrex primary station, Airport Intercommunicating Service mechanized primary station or night service equipment line from client's primary service, terminated, as set forth in Guidebook, Part 6, Section 9 preceding, on telephone answering equipment or
2. An individual, Centrex-Central Office location, primary station, night connected listed directory number of a Centrex-Central Office location, Airport Intercommunicating Service trunk line or PBX trunk line from a client's primary service, terminated, as set forth in Guidebook, Part 6, Section 9 preceding, on a concentrator unit or
3. An individual from a client's primary service, terminated as set forth in Guidebook, Part 6, Section 9 preceding, on an occasional service unit.

B. Regulations

1. General
 - a. Secretarial line service is furnished for the sole purpose of enabling the customer to the telephone answering equipment to answer incoming calls of the customer to the secretarial line. Such lines are equipped to prevent outgoing calls.
 - b. Secretarial line service is not offered for:
 - (1) Outgoing exchange or toll calls or
 - (2) Intercommunication between the secretarial line customer and the telephone answering equipment customer over the secretarial line.

1. TELEPHONE ANSWERING SERVICE (cont'd)**Secretarial Answering Service (cont'd)****B. Regulations (cont'd)****2. Same Customer**

- a. The following secretarial line services will be furnished to the customer to the Company's local loop demarcation point, as set forth in Guidebook, Part 6, Section 9 preceding.
 - (1) A secretarial line extension terminated on telephone answering equipment or a concentrator unit, provided that:
 - Different customer secretarial line or answering line services where offered are also terminated on the telephone answering equipment, and
 - No joint user service is furnished in connection with the same customer's primary service from which the secretarial line is extended.

3. Different Customer

The following secretarial line services will be furnished to customers other than the customer to the Company's local loop demarcation point, as set forth in Guidebook, Part 6, Section 9 preceding.

- a. A secretarial line extension of an individual, trunk line, PBX station, Centrex primary station, Airport Intercommunicating Service mechanized primary station, or night service equipment line from a primary service, terminated on Company or customer-provided telephone answering equipment.
- b. A secretarial line extension of an individual or trunk line from a primary service, terminated on a Company or customer-provided concentrator unit.

Such secretarial line extensions will be furnished from primary services which are served from the central office building in which the concentrator unit is located. Subject to facility and operating limitations, such secretarial line extensions will also be furnished from primary services served from central office buildings other than that in which the concentrator unit is located when such primary services are within the same exchange area or in a contiguous exchange area.

- c. A secretarial line extension from a primary service which is directly terminated on an occasional service unit located in the exchange from which the primary service is served, or in the case of an exchange divided into district areas, located in the district area from which the primary service is served.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Secretarial Answering Service (cont'd)

C. Rates and Charges

1. Secretarial line extension of a customer's primary service for use with nonconcentrator equipment:
 - a. Within the same building

	<u>Monthly Rate</u> Measured Rate	<u>USOC</u>
Individual or two party line		
- Each line	\$.28	EXS
- Each line for use with C-P equipment	.28	EXSNF

	<u>Monthly Rate</u> Measured Rate	<u>USOC</u>
Trunk line		
- For use with C-P equipment	\$.28	EXSNF
- Extended from a Centrex listed number trunk	.28	RJYTK
- Extended from a PBX trunk	.28	EXSTK
- Extended from a PBX trunk for use with 4 line concentrator	.28	EX4TK
- Extended from a PBX trunk for use with 6 line concentrator	.28	S6TTK
PBX station line for use with		
- C-P equipment	.28	EXSPB
- TAEQ-manual service	.28	EXSST
- TAEQ-dial service	.28	EXSSU
- TAEQ-modular dial line	.28	EXSSV
Centrex primary station for use with		
- C-P equipment	.28	RJYNF
- TAEQ equipment	.28	RJYST

1. TELEPHONE ANSWERING SERVICE (cont'd)

Secretarial Answering Service (cont'd)

C. Rates and Charges (cont'd)

1. Secretarial line extension of a customer's primary service for use with nonconcentrator equipment: (cont'd)

- a. Within the same building (Cont'd)

	<u>Monthly Rate</u> <u>Measured</u> <u>Rate</u>	<u>USOC</u>
Airport intercommunicating service mechanized primary station line		
- Centrex station for use with TAEQ	\$ 1.38	RJYST
- Centrex listed number trunk for use with C-P equipment	1.38	RJYTK
Night service equipment line		
- Each line	.28	2AX

- b. In different buildings:

Rate and USOC shown in preceding, plus Secretarial line service mileage rates shown in Guidebook, Part 8, Section 8.

2. Secretarial line extension of a customer's primary service for use with concentrator equipment

	<u>Monthly Rate</u> <u>Measured</u> <u>Rate</u>	<u>USOC</u>
Individual for use with		
- C-P equipment	\$.28	EXSNF
- 4 line concentrator	.28	EX4
- 6 line concentrator	.28	S6T

1. TELEPHONE ANSWERING SERVICE (cont'd)

Secretarial Answering Service (cont'd)

C. Rates and Charges (cont'd)

2. Secretarial line extension of a customer's primary service for use with concentrator equipment:
(cont'd)

	<u>Monthly Rate</u> <u>Measured</u> <u>Rate</u>	<u>USOC</u>
PBX trunk line ^{/1/} for use with		
- C-P equipment	\$.28	EXSNF
- 4 line concentrator	.28	EX4TK
- 6 line concentrator	.28	S6TTK
Centrex central office location primary station line ^{/1/} for use with		
- C-P equipment	.28	RJYNF
- Concentrator	.28	W3W
- 6 line concentrator	.28	W6W
Centrex central office location night service line ^{/1/} for use with		
- concentrator	.28	W3W
- 6 line concentrator	.28	W6W
Airport intercommunicating service trunk Line ^{/1/} for use with		
- concentrator	NO	W3W
- 6 line concentrator	NO	W6W

/1/ Plus secretarial line service mileage rates shown in Guidebook, Part 8, Section 8.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Secretarial Answering Service (cont'd)

C. Rates and Charges (cont'd)

3. Secretarial line extension of a customer's primary service for use with an occasional service unit:^{/1/}

	<u>Monthly Rate</u>	<u>USOC</u>
- Individual line	\$.66	A9U

^{/1/} See B.2 and B.3 preceding, covering the regulations under which different customer secretarial lines will be furnished and the regulations under which certain same customer secretarial lines may be furnished.

1. TELEPHONE ANSWERING SERVICE (cont'd)**Occasional Service****A. Description**

Occasional service is a special equipment installation that enables a telephone answering bureau to provide answering service on a part time basis. The equipment is installed in the central office and can handle up to 100 secretarial lines. The bureau can order as many of these units as it needs. Each unit is connected to the bureau switchboard by a maximum of 10 occasional-service lines. By dialing predetermined codes, the bureau can establish temporary service connections, so it may answer client lines on a part-time or occasional basis.

B. Regulations

1. Occasional service equipment will be furnished in connection with cord-operated equipment where rotary dial operation is used, or where a rotary dial telephone instrument is provided as shown in 5. following.
2. An occasional service unit will be installed in a central office in the same exchange, or where an exchange is divided into district areas, the same district area, as the associated cord-operated equipment. Where facilities and operating conditions permit, an occasional service unit may be installed in a different exchange or district area from the associated cord-operated equipment
3. An occasional service unit will be connected to the associated cord-operated equipment with a minimum of two and a maximum of ten occasional service lines.
4. A maximum of 100 secretarial lines may be connected to an occasional service unit.
5. One signal channel is required for each occasional service unit to control the connection of any associated secretarial line to any associated occasional service line. Monthly rates for channel terminations, rates for mileage measurements for channels and for interdistrict area channels as specified for Metallic Services shown in rates and charges, following. The occasional service unit shall be considered as one termination for the purpose of mileage measurement and the application of rates and charges for the signal channel. At the customer's premises the signal channel will be terminated at the Company's local loop demarcation point.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Occasional Service (cont'd)

B. Regulations (cont'd)

- 6. Occasional service lines will be terminated at the Company's local loop demarcation point. Connections of telephone answering equipment stations located on a premises of the customer to the customer's answering equipment are the customer's responsibility.
- 7. Reserved

C. Rates and Charges

- 1. Occasional service equipment

Occasional service unit equipped for terminating 100 or less secretarial lines:^{/1/}

	<u>BASIC TERMINATION CHARGE</u>	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
- Each unit	\$427.46	\$351.47	\$14.25	A9Q

/1/ See Regulations in Guidebook, Part 6, Section 9 preceding.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Occasional Service (cont'd)

C. Rates and Charges (cont'd)

2. Occasional service line terminated on cord-operated equipment located in:

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
a. Same exchange or same district area			
- Each occasional service line	\$ 35.62	\$1.71	A9R
Each concentrator-identifier line			
- C.O.-Termination	NO	2.85	NA
- C.U.-Termination	NO	2.85	NA
b. Contiguous exchange			
- Each occasional service line	35.62	1.71	A9R
Each concentrator-identifier line			
- C.O.-Termination ^{/2/}	RR	7.70	1LJJY
- C.U.-Termination ^{/2/}	RR	7.70	1LJKY
- Each 1/4 mile or fraction thereof ^{/1/}	NO	.76	1LJJU
Plus rates and charges for Metallic Service as shown below:			
		<u>MONTHLY RATE</u>	
CHANNEL MILEAGE		<u>FIXED</u> <u>PER MILE</u>	<u>USOC</u>
Mileage Bands			
0	NO	NO	
Over 0	\$2.94	\$3.52	1L5XX

/1/ Mileage charges are applied to the airline distance measured between the rate center of the exchange in which the cord-operated equipment is located and the rate center of the different exchange to be served by the occasional service unit.

/2/ Rates and charges as set forth in Guidebook, Part 3, Section 1 apply.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Occasional Service (cont'd)

C. Rates and Charges (cont'd)

- 2. Occasional service line terminated on cord-operated equipment located in: (cont'd)
 - c. Same exchange - different district area

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Each occasional service line Each concentrator-identifier line	\$ 35.62	\$1.71	A9R
- C.O.-Termination ^{/2/}	RR	7.70	1LJJY
- C.U.-Termination ^{/2/}	RR	7.70	1LJKY
- Each 1/4 mile or fraction thereof ^{/1/}	NO	.76	1LJKR

Plus rates and charges for Metallic Service as shown below:

<u>Channel Mileage</u>	<u>Monthly Rate</u>		<u>USOC</u>
	<u>Fixed</u>	<u>Per Mile</u>	
Mileage Bands			
0	NO	NO	
Over 0	\$2.94	\$3.52	1L5XX

/1/ Mileage charges are applied to the airline distance measured between the rate center of the district area or exchange in which the cord-operated equipment is located and the rate center of the different exchange (or district area thereof) designated by the customer to be served by the occasional service unit.

/2/ Rates and charges as set forth in Guidebook, Part 3, Section 1 apply.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Occasional Service (cont'd)

C. Rates and Charges (cont'd)

2. Occasional service line terminated on cord-operated equipment located in: (cont'd)

d. Noncontiguous exchange

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Each occasional service line	\$ 35.62	\$ 1.71	A9R
Each concentrator-identifier line			
- C.O.-Termination ^{/1/}	RR	7.70	1LJJY
- C.U.-Termination ^{/1/}	RR	7.70	1LJKY
- Each mile or fraction thereof	NO	9.62	1LJJ4

Plus rates and charges for Metallic Service as shown below:

	<u>Monthly Rate</u>		<u>USOC</u>
	<u>Fixed</u>	<u>Per Mile</u>	
CHANNEL MILEAGE			
Mileage Bands			
0	NO	NO	
Over 0	\$2.94	\$3.52	1L5XX

/1/ Rates and charges as set forth in Guidebook, Part 3, Section 1 apply.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Occasional Service (cont'd)

C. Rates and Charges (cont'd)

2. Occasional service line terminated on cord-operated equipment located in: (cont'd)

e. Suburban area

	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
- Each occasional service line	\$35.62	\$1.71	A9R
Each concentrator-identifier line			
- C.O.-Termination ^{/1/}	RR	7.70	1LJJY
- C.U.-Termination ^{/1/}	RR	7.70	1LJKY

Plus rates and charges for Metallic Service as shown below:

CHANNEL MILEAGE	<u>MONTHLY RATE</u>		<u>USOC</u>
	<u>FIXED</u>	<u>PER MILE</u>	
Mileage Bands			
0	NO	NO	
Over 0	\$ 2.94	\$3.52	1L5XX

/1/ Rates and charges as set forth in Guidebook, Part 3, Section 1 apply.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Concentrator-Identifier Service

A. Concentrator-Identifier Lines

1. Description

Concentrator-identifier lines connect the concentrator unit with its associated identifier unit for the transmission of incoming calls to the answering bureau.

2. Regulations

- a. Concentrator-identifier lines are provided from the Company's central office for use with Company or Customer-provided concentrator-identifier systems.
- b. The exchange the concentrator is to serve is designated by the customer.
- c. Reserved

1. TELEPHONE ANSWERING SERVICE (cont'd)

Concentrator-Identifier Service (cont'd)

A. Concentrator-Identifier Lines (cont'd)

3. Rates and Charges

- a. Each concentrator-identifier line terminated on an identifier unit located in base rate area:^{/1/}

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Same exchange and same district area Each concentrator-identifier line			
- C.O.-Termination ^{/3/}	RR	\$7.70	1LJJY
- C.U.-Termination ^{/3/}	RR	7.70	1LJKY
Contiguous exchange Each concentrator-identifier line			
- C.O.-Termination ^{/3/}	RR	\$7.70	1LJJY
- C.U.-Termination ^{/3/}	RR	7.70	1LJKY
- Each 1/4 mile or fraction thereof ^{/2/}	NO	.76	1LJJU

/1/ See 2.b. preceding.

/2/: Mileage charges are applied to the airline distance measured between the rate center of the district area or exchange in which the identifier unit is located and the rate center of the different exchange or district area to be served by the concentrator unit.

/3/ Rates and charges as set forth in Guidebook, Part 3, Section 1 apply.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Concentrator-Identifier Service (cont'd)

A. Concentrator-Identifier Lines (cont'd)

3. Rates and Charges (cont'd)

- a. Each concentrator-identifier line terminated on an identifier unit located in base rate or special rate area:^{/1/} (cont'd)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Same exchange, different district area			
Each concentrator-identifier line			
- C.O.-Termination	RR	\$ 7.70	1LJJY
- C.U.-Termination	RR	7.70	1LJKY
- Each 1/4 mile or fraction thereof ²	NO	.76	1LJKR

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Noncontiguous exchange			
Each concentrator-identifier line			
- C.O.-Termination	RR	\$ 7.70	1LJJY
- C.U.-Termination	RR	7.70	1LJKY
- Each mile or fraction thereof ¹	NO	9.62	1LJJ4

- b. Each concentrator-identifier line terminated on an identifier unit located in suburban area:

	<u>Installation Charge</u>	<u>monthly Rate</u>	<u>USOC</u>
Each concentrator-identifier line			
- C.O.-Termination	RR	\$ 7.70	1LJJY
- C.U.-Termination	RR	7.70	1LJKY

/1/ See 2.b preceding.

/2/ Mileage charges are applied to the airline distance measured between the rate center of the district area or exchange in which the identifier unit is located and the rate center of the different exchange or district area to be served by the concentrator unit.

/3/ Rates and charges as set forth in Guidebook, Part 3, Section 1 apply.

1. TELEPHONE ANSWERING SERVICE (cont'd)**Concentrator-Identifier Service (cont'd)****A. Concentrator-Identifier Lines (cont'd)**

3. Rates and Charges (cont'd)
- b. Reserved

B. Concentrator-Identifier Equipment

1. Description

Concentrator-identifier equipment provides customers with an economical means of furnishing answering line service to clients.

2. Regulations

- a. Concentrator-identifier equipment

- (1) Concentrator-identifier equipment will be furnished only in connection with cord-operated answering equipment and, where furnished between noncontiguous exchanges, only where facilities and operating conditions permit.
- (2) Each system will consist of one concentrator unit and one identifier unit with a minimum of two and a maximum of four concentrator-identifier lines between the units on systems installed before August 17, 1964. Systems installed on or after August 17, 1964 will have a minimum of two and maximum of six concentrator-identifier lines between units. Where either system is furnished between noncontiguous exchanges, the minimum number of such lines is three.

Changes from four-line capacity to six-line capacity will be made in accordance with Guidebook, Part 3, Section 1.

1. TELEPHONE ANSWERING SERVICE (cont'd)**Concentrator-Identifier Service (cont'd)****B. Concentrator-Identifier Equipment (cont'd)**

2. Regulations (cont'd)

a. Concentrator-identifier equipment (cont'd)

- (3) Concentrator-identifier equipment will be furnished only so long as it is employed to provide answering service arrangements for the exchange (or district area of an exchange divided into district areas) which has been designated by the customer to be served by the concentrator unit.

The identifier unit of the system will be located on the premises of the customer to the cord-operated answering equipment.

The concentrator unit will be located (1) in a central office building normally serving clients' primary services in an exchange designated by the customer, or (2) in the case of an exchange divided into district areas, in a central office building normally serving clients' primary services in a district area designated by the customer.

On and after June 16, 1982, the nonESS version of 1A concentrator-identifier equipment is not regularly offered for new installations of or additions to existing installations, but will be furnished when and as such equipment on hand becomes available for reuse.

b. Concentrator-identifier equipment - involving local exchange carrier exchanges.

- (1) Concentrator-identifier equipment will be furnished between exchanges of the Company and local exchange carrier exchanges where tariffs, facilities and operating conditions permit.
- (2) Rates, charges and regulations applicable to the identifier unit and the concentrator-identifier lines will be those of the Company who provides the identifier. Rates, charges and regulations applicable to the concentrator unit, including services terminated on that concentrator unit, except concentrator-identifier lines, will be those of the Company who provides the concentrator unit.

c. Lines from an identifier unit

Lines from an identifier unit terminated on telephone answering equipment may be connected to telephone answering equipment stations located on a premises of the customer to the answering equipment.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Concentrator-Identifier Service (cont'd)

B. Concentrator-Identifier Equipment (cont'd)

3. Rates And Charges

- a. Systems installed before August 17, 1964 - equipped for terminating 100 or less secretarial lines or answering lines:^{/1/}

	<u>Basic Termination Charge</u>	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Each system	\$ NO	\$ NO	\$117.55	ST5
- Concentrator unit	1724.09	370.46	NO	NA
- Identifier unit	954.66	199.48	NO	NA

Where the concentrator unit is designated by the customer to serve an exchange (or a district area of an exchange divided into district areas) which exchange is not contiguous to the exchange in which the identifier is located, the customer will also be billed a monthly minimum rate of \$141.00. A reduction of \$3.00 will be allowed each month against this minimum charge for each secretarial line or business answering line, not to exceed a combined total of 47 lines, which is terminated on the concentrator for the month involved.

- b. Systems changed to six-line capacity, or installed on or after August 17, 1964 - equipped for terminating 100 or less secretarial lines or answering lines:^{/1/}

	<u>Basic Termination Charge</u>	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Each system	\$ NO	\$ NO	\$156.74	SNU
- Concentrator unit	2849.73	1424.87	NO	NA
- Identifier unit	1424.87	854.92	NO	NA

The customer will also be billed a monthly minimum rate of \$144.00. A reduction of \$3.00 will be allowed each month against this minimum charge for each secretarial line or business answering line, not to exceed a combined total of 48 lines, which is terminated on the concentrator for the month involved.

/1/ See Guidebook, Part 6, Section 9. preceding.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Concentrator-Identifier Service (cont'd)

B. Concentrator-Identifier Equipment (cont'd)

3. Rates and Charges (cont'd)

- c. Systems in which either the concentrator or identifier is located in a local exchange carrier exchange:^{/1/}

	<u>Termination Charge</u>	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Identifier located in local exchange carrier exchange ^{/2/}				
- Concentrator unit	\$2849.73	\$1139.89	\$142.49	FGO
Concentrator located in local exchange carrier exchange				
- Identifier unit	1424.87	712.43	123.49	FGP

- d. Jack equipment for terminating answering lines, secretarial lines and occasional service lines from an identifier unit:^{/1/}

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
- Each strip of 20 jacks	\$37.05	\$5.37	9AN

^{/1/} See Regulations in Guidebook, Part 6, Section 9. preceding.

^{/2/} The customer will be billed a monthly minimum rate of \$150.00. A reduction of \$3.00 will be allowed each month against this minimum charge for each secretarial line or business answering line, not to exceed a combined total of 50 lines, which is terminated on the concentrator for the month involved.

1. TELEPHONE ANSWERING SERVICE (cont'd)**Lines Terminated On Telephone Answering Equipment****A. Description**

Lines for use with telephone answering equipment are provided for use by the telephone answering service in conducting its business and in the provision of telephone answering service to its clients.

B. Regulations

All Telephone Answering Service lines will be terminated at the Company's local loop demarcation point. Wire on the customer's side of the local loop demarcation point to terminate a telephone Answering Service line on the customer's premises is the customer's responsibility.

1. Trunk Line And Business Individual Line Service

Trunk lines and business individual lines for use with telephone answering equipment are provided solely for inward and outward central office calls in connection with the affairs of the customer, except as the service may be extended to joint users.

Trunk lines terminated on cord-operated answering equipment may be connected to telephone answering equipment stations.

2. Answering Line Service

Answering line service is furnished only to a customer other than the customer for use with telephone answering equipment.

Answering line service is service employing a central office line for use with telephone answering equipment, and is designed to enable the customer to the telephone answering equipment to answer incoming calls of the customer to the answering line service.

Answering lines terminated on cord-operated answering equipment may be connected to telephone answering equipment stations.

3. Direct Inward Dialing Service

Direct Inward Dialing (DID) from the message network, for client identification purposes, will be provided at the rates, charges and regulations shown in Guidebook, Part 4, Section 2 Private Branch Exchange Trunks, Direct Inward Dialing Service, for use with equipment with which it is compatible.

1. TELEPHONE ANSWERING SERVICE (cont'd)**Lines Terminated on Telephone Answering Equipment (cont'd)****B. Regulations (cont'd)**

4. Tie Line Service

Tie line service in connection with telephone answering service comprises a circuit between two cord-operated telephone answering equipment systems or between a cord-operated telephone answering equipment and a PBX system located in the same exchange area, and is furnished for two-point connections as follows:

- a. Connection between any two stations connected to and on the same premises as the cord-operated telephone answering equipment or PBX switchboard in which the tie line terminates.
- b. Connection of a single tie line (at either end but not both ends simultaneously) to a central office trunk line or, where facilities and operating conditions permit, to a full-period private line telephone service line or another tie line.

5. Interexchange Channel

Interexchange channel - interwire center private line telephone service is furnished for use with telephone answering service in accordance with Guidebook, Part 15, Section 2.

Interexchange channel - interwire center private line in connection with cord-operated telephone answering service comprises a circuit between two cord-operated telephone answering equipment systems or between a cord-operated telephone answering equipment system and a PBX system located in different exchange areas and is furnished for two-point connections as follows:

- a. Connection between any two stations connected to and on the same premises as the cord-operated telephone answering equipment or PBX switchboard in which the private line terminates.
- b. Connection of a single private line (at either end but not both ends simultaneously) to a central office trunk line or, where facilities and operating conditions permit, to a tie line or another full-period interexchange channel - interwire center private line.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Lines Terminated on Telephone Answering Equipment (cont'd)

C. Rates and Charges

1. Trunk Line Service - Same Customer

Trunk Line Service, with or without Touch-Tone Calling Service, furnished with telephone answering equipment is provided at the rates, charges and regulations from the following schedules:

<u>Title of Schedule</u>	<u>Guidebook</u>
Private Branch Exchange Trunk Line Service	Part 4, Section 2
Foreign Exchange Service	Part 4, Section 3

2. Business Individual Line Service - Same Customer

Business Individual Line Service, with or without Touch-Tone Calling Service, furnished with telephone answering key equipment is provided at the rates, charges and regulations from the following schedules:

<u>Title of Schedule</u>	<u>Guidebook</u>
Local and Exchange Service	Part 4, Section 2
Foreign Exchange Service	Part 4, Section 3

3. Answering Line Service - Different Customers

(3002A)

	<u>MONTHLY</u> <u>Rate</u>	<u>USOC</u>
Each answering line ¹ for use with		
- Telephone answering equipment or a 4 line concentrator ²	\$RR	7FL
- 6 line concentrator ²	RR	7FB
- C-P concentrator or telephone answering equipment ²	RR	7FLNF

/1/ Regulations covering which secretarial lines will be furnished are contained in Guidebook, Part 6, Section 9 for same customer and B.3. preceding, for different customer.

/2/ Rate applicable to Business Individual Line Service.

1. TELEPHONE ANSWERING SERVICE (cont'd)

Lines Terminated on Telephone Answering Equipment (cont'd)

C. Rates and Charges (cont'd)

4. Tie Line Service - Same And Different Customers

Each tie line between cord-operated telephone answering equipment systems or between cord-operated telephone answering equipment system and PBX system on same or different premises:

Rates, charges and regulations applicable to tie line service between PBX systems shown in Guidebook, Part 8, Section 8.

5. Interexchange Channel - Interwire Center Private Line Service

Each interexchange channel - interwire center private line between cord-operated telephone answering equipment systems or between a cord-operated telephone answering equipment system and a PBX system:^{/1/}

Rates, charges and regulations applicable to interexchange channel - interwire center private line telephone service furnished for use with PBX systems as shown in Guidebook, Part 15, Section 2.

/1/ See Guidebook, Part 6, Section 9 preceding.

2. CALL MANAGEMENT SYSTEMS (cont'd)

ESS Automatic Call Distributing - Type A (cont'd)

B. Rates and Charges (cont'd)

16. Reserved

	<u>INSTALLATION CHARGE</u>	<u>MONTHLY RATE</u>	<u>USOC</u>
17. Conference Calling (stations) ^{/1/} -Each arrangement (ESS 6 PORT)	RR	RR	EAN
-Each arrangement (#5XB 5 PORT)	RR	RR	53A
18. Station Message Detail Recording on Tie Trunks and Foreign Exchange (SMDR-TAMA) -Common equipment per system equipped for (SMDR-TAMA) ^{/1/}	RR	RR	ZZBYB
-Per Tie Trunk/Special Access Voice Grade Channel termination ^{/1/}	RR	RR	ZZBYC
-Per Foreign Exchange termination ^{/1/}	RR	RR	ZZBYD
-Magnetic Tape Billing Record for Foreign Exchange and Tie Line/ Special Access Voice Grade Channel calls ^{/2/}	RR	RR	NA

/1/ Rates, Charges and Regulations applicable to individual features apply as shown in Guidebook, Part 5, Section 1.

/2/ Rates, applicable to Magnetic Tape Billing Record as shown in Guidebook, Part 8, Section 8 apply.

2. CALL MANAGEMENT SYSTEMS (cont'd)

ESS Automatic Call Distributing - Type B (cont'd)

B. Rates and Charges (cont'd)

1. Central Office Components^{/1/} (Cont'd)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
f. Traffic data and control equipment ¹ (Cont'd)			
(4) System display and control equipment ^{/1/} (Cont'd)			
- Attendant to split patterns, each	\$33.25	\$6.65	A9GAS
- Attendant to reporting group patterns, each	44.65	9.26	A9GAR

g. Move, Change and Feature Addition Charges

- (1) Moves and Changes, changing the customers system parameters or announcement messages programmed in the central office, will be based on charges as shown in Guidebook, Part 3, Section 1.
- (2) Service Charges in Guidebook, Part 3, Section 1 apply when rate elements are added to an existing installation and is in addition to the Installation Charges for the rate elements being added.

/1/ See A. preceding.

5. OPT-E-MAN[®]**A. General Description****1. Service Description**

OPT-E-MAN[®] Service is an advanced service offering networking capabilities utilizing Optical Ethernet. Optical Ethernet is the use of Ethernet LAN packets running over optical fiber within or as access to a service provider's network. OPT-E-MAN provides an integrated service consisting of fiber and/or copper transport (at the Company's discretion) connected to an Ethernet device capable of switching and routing. OPT-E-MAN will provide bandwidth ranging from 2 Mbps to 1 Gbps. Customers will connect to the service using a router, bridge, or switch.

OPT-E-MAN supports a logical point-to-point, point-to-multi-point or multipoint-to-multipoint configuration and enables the customer to connect locations within the Local Access and Transport Area (LATA) or Metropolitan Area Network (MAN) as if they were segments on the same LAN.

Customers may connect any two or more locations together when utilizing a point-to-point or point-to-multipoint configuration, and a minimum of three or more locations when utilizing a multipoint-to-multipoint configuration.^{/1/}

OPT-E-MAN Service provides the customer the capability to connect to the Company's Ethernet network, where facilities exist, via one of the following standard network interfaces:

10/100BaseT (100 Mbps)

1 Gbps Ethernet (1000BaseSX, 1000BaseLX/LH or 1000BaseZX)^{/2/}

OPT-E-MAN service includes the transport from the customer's premises to the Ethernet network, a port on the Ethernet network, a Committed Information Rate (CIR) and Ethernet Virtual Connections (EVC).

Network Terminating Equipment (NTE) will be placed at the customer's premises as part of the OPT-E-MAN Service. The NTE functions as a switching and routing device.

A detailed description of the rate elements and how they are applied can be found in C. Rate Regulations, following.

Specifications for ordering OPT-E-MAN service rate elements are identified in B.2. Ordering Specifications and Provisioning, following.

/1/ Applicable to new service installed after November 29, 2006.

/2/ Includes allowances for overhead within the Company's Ethernet Network. If the customer orders 1 Gbps of CIR on a single port, the Company reserves the right to use up to 10% of bandwidth for traffic management.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning**

1. Manner of Provisioning

- a. Provisioning of this service is subject to the availability and operational limitations of the Company's equipment and associated facilities. Where facilities and/or operating conditions are not available, Special Construction charges as set forth in Schedule Cal. P.U.C No. 175-T, Section 15. may apply.
- b. Reserved
- c. Access into the Company's network must conform to industry standards and specifications as set forth in the Company's technical publication.
- d. The Company will provision up to and including the Network Terminating Equipment (NTE). The Company will place NTE at either a Multi-Tenant Unit (MTU) or Single Tenant Unit (STU). MTU NTEs are shared among multiple customers. The placement of the NTE shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise and agreed to by the Company.
- e. NTEs installed by the Company on the customer's premises shall remain the property of the Company. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interface with any network equipment installed by the Company without prior written consent of the Company.
- f. The customer shall be responsible for obtaining permission for the Company's agents or employees to enter the customer's premises at a mutually agreed upon time for the purpose of installing, inspecting, repairing, or removing (upon termination of the service) the equipment of the Company.
- g. The operating characteristics of customer provided equipment (CPE) used in connection with OPT-E-MAN® must not interfere with the Company's OPT-E-MAN® network. CPE must not:
 - (1) Endanger the safety of the Company's employees or the public;
 - (2) Damage, harm, require change in or alteration of the equipment or other services of the Company; or
 - (3) Interfere with the proper operation of the Company's equipment.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)**

1. Manner of Provisioning (cont'd)

- h. Upon notice from the Utility that the CPE is causing, or is likely to cause, such hazard or interference, the customer shall take such steps as necessary to remove or prevent such hazard or interference.
- i. OPT-E-MAN Service supports full duplex communication.
- j. If a customer connects to the OPT-E-MAN network using a bridge or switch for Layer 2 connectivity, only 50 Media Access Control (MAC) addresses can be used per Layer 2 device, per port. Any additional addresses will be assessed additional charges, with a limit of 100 MAC addresses total per port as set forth in E. Current Rates and Charges, following.
- k. Repeater technology may be used for customers requesting OPT-E-MAN service from a serving wire center not equipped to provide OPT-E-MAN service or if customers are outside the technical limits of an Ethernet equipped Central Office. A technical review will be necessary to determine if service can be provided. Only one repeater can be used on a connection between the Ethernet equipped Central Office and the customer premises. A repeater will incur additional charges as set forth in E. following.
- l. The CIR selected by the customer must be committed to for a 30 day period before an increase in the CIR can be requested.
- m. OPT-E-MAN Service may be available in a meet-point billing arrangement involving another Incumbent Local Exchange Carrier (ILEC) (sometimes also referred to as an Independent Company or ICO), where suitable facilities exist and where appropriate procedures for such arrangements have been put in place between the Company and the other ILEC. When the Company and another ILEC jointly provision OPT-E-MAN Service with the other ILEC's service, the ILEC involved shall bill the customer at that ILEC's applicable rates for their portion of the service located in their operating territory. 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.
- n. A Letter of Authorization will need to be established if customers want to purchase a logical connection via an EVC to another provider (IXC, ISP or other) in order to ensure security and accuracy in the connection.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)**

1. Manner of Provisioning (cont'd)

- o. For Basic Service, a total of 8 Ethernet Virtual Connections (EVCs) may be configured per 10/100BaseT connection. A total of 64 EVCs may be configured per 1 Gbps connection. For Basic Plus Service, a total of 7 EVCs may be configured per 10/100BaseT connection. A total of 63 EVCs may be configured per 1 Gbps connection. Should the customer request more than 64 EVCs on a Basic Service 1 Gbps connection, or more than 63 EVCs on a Basic Plus Service 1 Gbps, a technical review will need to be conducted to determine whether the network will support more EVCs.
- p. Customers will be allowed to move from the 10/100BaseT to the 1 Gigabit Ethernet interface where facilities and equipment permit, staying within or moving from the Basic or Basic Plus connection. Nonrecurring charges associated with the new 1 Gigabit Ethernet connection will apply as set forth in E. following. If the customer only wants to move from Basic to Basic Plus connection without changing the type of interface, the Miscellaneous Change Charge will apply as set forth in E. following.
- q. The aggregate assigned Committed Information Rate (CIR) across all Ethernet Virtual Connections (EVCs) between two customer connections cannot exceed 600 Mbps per Basic or Basic Plus configuration.^{/1/}

The aggregate assigned Committed Information Rate (CIR) across all ICO trunk connections (EVCs) between any two customer connections utilizing a meet-point GigE ICO Trunk Arrangement between the Utility and an ILEC (ICO) cannot exceed 600 Mbps per Basic or Basic Plus connection.^{/2/}

/1/ Applicable to new services installed after November 29, 2006.

/2/ Applicable to new service installed after March 31, 2009.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)**

2. Ordering Specifications and Provisioning

The customer must select an OPT-E-MAN service configuration as described in the following:

Basic The OPT-E-MAN Basic service configuration provides a switched, logical point-to-point or point-to-multipoint connection between customer locations using a physical connection to the network, and virtual connections through the OPT-E-MAN network.

Basic Plus The OPT-E-MAN Basic Plus service configuration provides a switched, logical point-to-point, point-to-multipoint or multipoint-to-multipoint connection between customer locations using a physical connection to the network, and virtual connections through the OPT-E-MAN network.

- a. OPT-E-MAN connection includes transport, port and interface to the Ethernet network, in which the customer orders one of the following connections:

(1) 10/100BaseT

10/100BaseT is an electrical handoff with a bandwidth limitation of 100 Mbps

(2) 1 Gbps Ethernet (1000BaseSX, 1000BaseLX/LH or 1000BaseZX)^{/1/}

1 Gbps Ethernet is a fiber handoff with a bandwidth limitation of 1 Gbps.

The customer must select a Committed Information Rate (CIR) and at least one (1) Ethernet Virtual Connection (EVC) to enable the service.

/1/ Includes allowance for overhead within Company's Ethernet network. If the customer orders 1 Gbps of CIR on a single port, the Company reserves the right to use up to 10% of bandwidth for traffic management.

5. OPT-E-MAN® (cont'd)

B. Service Provisioning (cont'd)

2. Ordering Specifications and Provisioning (cont'd)

Grades of Service will be offered with each Committed Information Rate (CIR) and Ethernet Virtual Connection (EVC). Bronze and Silver Grades of Service will have an associated Service Level Agreement (SLA). Customer must select one of the following Grades of Service:

- Best Effort:** This Grade of Service supports non-critical data applications with more tolerance for delay and/or those that are lower in priority (i.e. LAN traffic). There are no service performance parameters associated with this Grade of Service.
- Bronze:** Intended for data applications with more tolerance for delay and/or those that are lower in priority, i.e., LAN traffic. The service parameters associated with this Grade of Service are Packet Delivery Rate (PDR) and Latency.
- Silver:** Intended for applications that require minimal loss and low latency variation. The service parameters associated with this Grade of Service are Packet Delivery Rate (PDR), Latency and Jitter.

5. OPT-E-MAN[®] (cont'd)**B. Service Provisioning (cont'd)****2. Ordering Specifications and Provisioning (cont'd)**

An EVC is a logical point-to-point connection between two or more customer locations and goes from the customer demarcation point (Ethernet Interface) to the OPT-E-MAN network out to another customer demarcation point. Additional EVCs may be provisioned to establish additional virtual connections over the same physical connections. When additional EVCs are provisioned, the customer must designate the portion of the CIR bandwidth assigned to each EVC. For point-to-point and point-to-multipoint connections, EVCs can be set in 1 Mbps increments from 2 Mbps to 600 Mbps.^{/1/} For multipoint-to-multipoint connections, EVCs can be set in 1 Mbps increments from 2 Mbps to 1 Gbps.^{/1/}

If the customer selects the Silver Grade of Service, the initial EVC will be prioritized as Silver. Additional EVCs can be prioritized as either Silver, Bronze or Best Effort.

If the customer selects the Bronze Grade of Service, additional EVCs can be prioritized only as Bronze or Best Effort.

If the customer selects the Best Effort Grade of Service, additional EVCs can only be prioritized as Best Effort.

CIR is a statistical level of transmission or bandwidth that the network will provide. CIR is assigned to the port on the Network Terminating Equipment (NTE). If the customer wants more than 1 EVC on a port, then the CIR will need to be shared among the multiple EVCs. Rates and charges for CIRs are set forth in E. Current Rates and Charges, following.

/1/ Applicable to new services installed after November 29, 2006.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)****3. Limitations**

OPT-E-MAN® is only available within the same Local Access Transport Areas (LATAs) and is subject to the availability and operational limitations of the Company's equipment and associated facilities.

Regulations, rates and charges specified herein are in addition to other regulations, rates and charges as set forth in Schedule Cal.P.U.C. No. 175-T.

Limitations of liability for OPT-E-MAN® as set forth in Schedule Cal.P.U.C. No. 175-T, Section 2.1.2 and Guidebook, Part 2, Section 2 are applicable.

Where facilities, equipment and/or operating conditions are not available, Special Construction charges as set forth in Schedule Cal.P.U.C. No. 175-T, Section 15. are applicable.

The Company does not undertake to originate data, but offers the use of its service elements to customers for the purpose of transporting customer's originated data.

The responsibility of the Company shall be limited to furnishing the OPT-E-MAN® network. Subject to this responsibility, the Company shall not be responsible for the through transmission of signals generated by CPE or for the quality of, or defects in, such transmission or the rejection of signal by CPE.

The Company will maintain and repair the service of which it furnishes and will provide the customer reasonable notification of service affecting activities that may occur in the normal operation of business.

Maintenance of service regulations and charges are set forth in Schedule Cal.P.U.C. No. 175-T, Section 13.3.1, Maintenance of Service, for customer reported trouble.

The Company may request additional customer information as may be required to permit the Company to maintain the OPT-E-MAN® network and to ensure that the service arrangement is in compliance with the regulations contained in this section.

The Company shall not be responsible for error correction. Error correction is the responsibility of the customer's OPT-E-MAN® compatible CPE.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)****3. Limitations (cont'd)**

OPT-E-MAN® service does not allow for oversubscription. The sum total of the bandwidth assigned to EVCs are mapped to a single port and cannot exceed the ordered CIR.

The Company shall not be responsible for installation, operation, maintenance, or adapting OPT-E-MAN® to the technological requirements of any specific CPE.

The Company shall not be responsible to the customer or user if changes in any of the equipment, operations, or procedures of the Company used in provisioning of OPT-E-MAN® render any facilities provided by the customer or user obsolete; or require modification or alteration of such equipment or system; or otherwise affect its use or performance, provided the Company has met all applicable information disclosure requirements otherwise required by law.

For Basic and Basic Plus point-to-point and point-to-multipoint service, the Company will use controls to limit the amount of broadcast traffic to protect the OPT-E-MAN® network against broadcast storms. The maximum throughput of broadcast traffic will be set at 10 Mbps per customer port. Packets dropped by traffic controls will be excluded from SLA calculations. The Company recommends that customers enable controls for broadcast traffic within the customer network.

For Basic Plus Multipoint to Multipoint service, the Company will use controls to limit the amount of multicast and broadcast traffic to protect the OPT-E-MAN® network against traffic storms. The maximum throughput of multicast traffic will be set at 1 Mbps per customer port. The maximum throughput of broadcast traffic will be set at 200 packets per second per port.

The Company recommends that customers enable controls for multicast, broadcast and unknown unicast traffic within the customer network(s).

4. Technical Specifications

Technical specifications are set forth in the following technical reference:

Network Equipment Design Requirements (SBC-TPT7620MP Issue 5, 10/03) Ethernet Standards for SBC Local Exchange Companies (SBC-TP76412 Issue 2, 12/1/03)

This technical reference can be obtained from:

Apex Support Team
(734) 523-7348

/1/ This provisioning requirement will only apply to new service installed after June 18, 2007.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)**

5. Allowance for Service Interruptions

- a. The Company will administer its network to ensure the provision of acceptable service levels to all users of the Company's OPT-E-MAN network. In case of an interruption of service, allowance for the period of interruption, if not due to the negligence of the customer, shall be as follows. No credit shall be allowed for an interruption of less than 10 seconds. If an interruption of service is more than 10 seconds, the customer shall be credited at the rate 10/8640 of the monthly charges for the service 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% of the applicable monthly rates.

Service Level Agreements (SLAs) are offered with OPT-E-MAN for the Bronze and Silver Grades of Service and provide the customers with end to end performance backed by service credits if minimum quality standards are not met by the Company. The following Service Level Agreement (SLA) will be supported for OPT-E-MAN Service for the Bronze and Silver Grades of Service:

(1) Network Availability

The Company is committed to maintain Network Availability of 99.95% per month, including the local loop. This equates to less than 21.6 minutes of downtime per month (based on a 30-day month), excluding maintenance window and any exclusions as set forth in d.(2) following.

(a) Calculation

Network Availability is calculated as the percentage of time that the Optical network is capable of accepting and delivering customer data to the total time in the measurement period. The calculation for Network Availability for a given month is as follows:

$$\text{Network Availability} = \frac{(24 \text{ hours} \times \text{days in month} \times 60 \text{ minutes} \times \text{number of customer sites}) - \text{network outage time (measure in minutes)}}{(24 \text{ hours} \times \text{days in month} \times 60 \text{ minutes} \times \text{number of customer sites})}$$

As specified in the formula above, all ports included in a customer's network are utilized in calculating Network Availability.

(b) Reporting and Remedies

The customer is responsible for notifying the Company within 45 days after the end of the month when Network Availability falls below the committed level and requesting a service credit. Upon verification by the Company that the actual Network Availability for the service was less than the committed level, the customer will be provided a service credit equal to 10% of the monthly recurring charge for all affected ports.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)**

5. Allowance for Service Interruptions (cont'd)

b. The following Service Level Agreements will be supported for the Bronze Grade of Service

(1) Packet Delivery Rate (PDR)

Packet Delivery Rate (PDR) is defined as the actual amount of useful and non-redundant information that is transmitted or processed from end-to-end across the network. The PDR is 99.5% of total traffic from source Network Terminating Equipment (NTE) to the destination NTE to which the customer ports are attached.

(a) Calculation

Packet delivery is measured by averaging sample measurements taken during a calendar month from NTE to NTE to which the customer ports are attached and calculations will be measured only when the OPT-E-MAN® network is available.

(b) Reporting and Remedies

The customer is responsible for notifying the Company within 45 days after the end of the month when the PDR falls below the committed level and requesting a service credit. Upon notification by the customer that the actual PDR for the service was less than the committed level, the Company has 30 days to correct the problem. If after 30 days, the PDR is still less than the committed level, the customer will be provided a service credit equal to 25% of the monthly recurring charge for all affected ports for the month in which the PDR falls below the committed level.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)**

5. Allowance for Service Interruptions (cont'd)

b. The following Service Level Agreements will be supported for the Bronze Grade of Service (cont'd)

(2) Latency

The Company is committed to maintain delay across the Company's network of no more than 27 ms (54 ms roundtrip) one-way end-to-end within the Company's network for packets 1500 bytes or less.

(a) Calculation

Latency is measured by averaging sample measurements taken during a calendar month between NTEs to which the customer ports are attached and calculations will be measured only when the OPT-E-MAN® Network is available.

(b) Reporting and Remedies

The customer is responsible for notifying the Company within 45 days after the end of the month when Latency for a connection is above 27 ms one-way (54 ms roundtrip) and requesting a service credit. Upon notification by the customer that the actual delay for data was more than the committed level, the Company has 30 days to correct the problem. If after 30 days, the delay is still more than the committed level, the customer will be provided a service credit equal to 25% of the monthly recurring charge for the affected ports in which the customer-specific delay was above the committed level.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)**

5. Allowance for Service Interruptions (cont'd)

c. The following Service Level Agreements will be supported for the Silver Grade of Service

(1) Packet Delivery Rate (PDR)

Packet Delivery Rate (PDR) is defined as the actual amount of useful and non-redundant information that is transmitted or processed across the network. The PDR is 99.9% of total traffic from source Network Terminating Equipment (NTE) to the destination NTE to which the customer ports are attached.

(a) Calculation

Packet delivery is measured by averaging sample measurements taken during a calendar month from NTE to NTE to which the customer ports are attached and calculations will be measured only when the OPT-E-MAN® network is available.

(b) Reporting and Remedies

The customer is responsible for notifying the Company within 45 days after the end of the month when the PDR falls below the committed level, and requesting a service credit. Upon notification by the customer that the actual PDR for the service was less than the committed level, the Company has 30 days to correct the problem. If after 30 days, the PDR is still less than the committed level, the customer will be provided a service credit equal to 25% of the monthly recurring charge for all affected ports for the month in which the service parameters fall below the committed level.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)**

5. Allowance for Service Interruptions (cont'd)

c. The following Service Level Agreements will be supported for the Silver Grade of Service (cont'd)

(2) Latency

The Company is committed to maintain delay across the Company's network at no more than 18 ms (36 ms roundtrip) one way end-to-end (including the local loop) within the Company's network for packets 1500 bytes or less.

(a) Calculation

Latency is measured by averaging sample measurements taken during a calendar between NTE to which the customer ports are attached and calculations will be measured only when the OPT-E-MAN® network is available.

(b) Reporting and Remedies

The customer is responsible for notifying the Company within 45 days after the end of the month when Latency for a connection is above 18 ms one-way (36 ms roundtrip) and requesting a service credit. Upon notification by the customer that the actual delay for data was greater than 18 ms one-way (36 ms roundtrip) the Company has one month to correct the problem. If after one (1) month the delay is still greater than the committed level, the customer will be provided a service credit equal to 25% of the monthly recurring charge for the affected ports in which the customer-specific delay was greater than the committed level.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)**

5. Allowance for Service Interruptions (cont'd)

- c. The following Service Level Agreements will be supported for the Silver Grade of Service (cont'd)

- (3) Jitter

The delay variance is the delta between a packet delay and the average packet delay of the sample of packets transmitted across the network. It is measured between two endpoints. The Company is committed to maintain a jitter of less than 12 ms one way end-to-end (including the local loop) within the Company's network.

- (a) Calculation

Jitter is calculated by measuring the variance of packets delivered from one point to another. This measurement will be taken during the Company's network busy hour and only when the OPT-E-MAN® network is available.

- (b) Reporting and Remedies

The customer is responsible for notifying the Company within 45 days after the end of the month when jitter for a connection is above 12 ms and requesting a service credit. Upon notification by the customer that the actual jitter was greater than 12 ms, the Company has 30 days to correct the problem. If after 30 days the jitter is still greater than the committed level, the customer will be provided a service credit equal to 25% of the monthly recurring charge for the affected ports for the subsequent month in which the jitter was above the committed level.

5. OPT-E-MAN® (cont'd)

B. Service Provisioning (cont'd)

5. Allowance for Service Interruptions (cont'd)

d. Service Level Agreement (SLA) Regulations and Exclusions

(1) Service Level Agreement (SLA) Regulations

- (a) SLAs will be offered at no charge to all customers who subscribe to the Bronze or Silver Grades of Service.
- (b) SLAs will apply to all connection types under the Bronze or Silver Grades of Service.
- (c) SLA credits will not exceed full monthly charges for affected network elements.
- (d) Packet Delivery Rate, Latency and Jitter calculations will be measured only when the OPT-E-MAN network is available.

5. OPT-E-MAN® (cont'd)**B. Service Provisioning (cont'd)**

5. Allowance for Service Interruptions (cont'd)

d. Service Level Agreement (SLA) Regulations and Exclusions (cont'd)

(2) Service Level Agreement Exclusions

The Company will be excused from providing any Service Level Agreement credits for the Bronze and Silver Grades of Service should any of the following conditions occur:

- (a) Force majeure events such as, but not limited to, an earthquake, hurricane, flood, fire, storms, tornadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes; loss or damage resulting from any cause beyond the Company's reasonable control such as acts of war, civil disturbances, acts of civil or military authorities or public enemy.
- (b) All SLAs are end-to-end (hand-off at the customer demarcation to hand-off at the customer demarcation, including the local loop). The failure of any components beyond the local facility, including the Network Interface (NI), are excluded from SLA calculation.
- (c) Data loss during the Company's scheduled maintenance window.
- (d) Data exceeding subscribed CIR.
- (e) Failures attributed to facilities or equipment provided by customer or its contractors, equipment vendors, another local exchange carrier or inter-exchange carrier.
- (f) Any customer Network Management is not included in SLA.
- (g) Packets dropped by traffic controls are excluded from SLA calculations.
- (h) Data exiting the network through the customer ports in a multipoint-to-multipoint configuration are excluded from SLA calculations to the extent that it exceeds the CIR for those ports.

5. OPT-E-MAN® (cont'd)**C. Rate Regulations**

This section identifies each rate element and discusses the rate application governing the rates and charges that apply to OPT-E-MAN.

Specific rates and charges for OPT-E-MAN are set forth in E. Current Rates and Charges, following.

Jurisdictional reporting requirements are set forth in Schedule Cal.P.U.C. No. 175-T, Section 2.3.14 Jurisdictional Report Requirements.

1. Rate Elements

The following identifies the rate elements offered, where facilities exist, for OPT-E-MAN.

a. Standard Connection

The Standard Connection rate element is assessed per interface at bandwidths of 100 Mbps (10/100BaseT) or 1 Gbps Ethernet. The OPT-E-MAN connection rate element includes the physical connection between the customer's demarcation and the core Ethernet network, and a port on the NTE.

b. Ethernet Virtual Circuit (EVC)

EVC rate element is assessed in ranges of 2-1000 Mbps and is provided at no charge. EVCs can be assigned in 1 Mbps increments within each range. Additional EVCs may be ordered to establish additional virtual connections over the same physical connections. When additional EVCs are ordered, the customer must designate the portion of the CIR bandwidth assigned to each EVC.

c. Committed Information Rate (CIR)

CIR rate element is defined as bandwidth, which is assessed per speed increments ranging from 2 Mbps to 1 Gbps.

d. Additional Media Access Control (MAC) Addresses

MAC Addresses rate element is a data link layer protocol used for Layer 2 connectivity and is assessed per MAC address group 51-100. There is a limit of 100 MAC addresses total per port.

5. OPT-E-MAN® (cont'd)**C. Rate Regulations (cont'd)**

1. Rate Elements (cont'd)

The following identifies the rates elements offered, where facilities exist for OPT-E-MAN (cont'd)

e. Service Order Change Charge

Service Order Change Charge is assessed for pending service order and is assessed per location:

- (1) Changes in physical and bandwidth configurations, such as increases in CIR, changes in the type of connection ordered or grade of service changes, i.e., Bronze to Silver.
- (2) Ethernet Virtual Circuit changes such as deleting or adding EVCs or changing the CIR associated with an EVC.
- (3) Port Changes include upgrading a port from 10/100BaseT to a 1 Gbps port or increasing the limit on the number of MAC Addresses that can be used with a port.

f. Service Order Cancellation

If the customer cancels service prior to installation being completed, a Service Order Cancellation Charge (per port, per location) will apply, in addition to any unpaid Special Construction charge that the Company has incurred.

g. Service Order Expedite

Service Order Expedite Charge is assessed per location when customer requests service to be installed sooner than the Company/Customer agreed upon due date. Service can only be expedited if the Company can accommodate the request.

h. Repeater

Repeater charge is assessed per location when customer requests OPT-E-MAN service from a serving wire center not equipped to provide OPT-E-MAN service and if the technical review indicates that service can be provided using a repeater from the customer's location to the Ethernet network.

i. Miscellaneous Change Charge

Miscellaneous Change Charge is assessed per location when customer requests changes to their existing OPT-E-MAN service:

- (1) Changes in physical and bandwidth configurations, such as increases in CIR, changes in the type of connection ordered or grade of service changes, i.e. Bronze to Silver.
- (2) Ethernet Virtual Circuit changes such as deleting or adding EVCs or changing the CIR associated with an EVC.
- (3) Port Changes include upgrading a port from 10/100BaseT to a 1 Gbps port or increasing the limit on the number of MAC Addresses that can be used with a port.

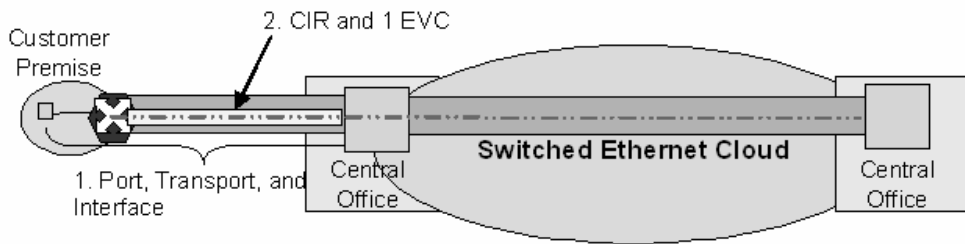
5. OPT-E-MAN® (cont'd)

C. Rate Regulations (cont'd)

1. Rate Elements (cont'd)

The following identifies the rates elements offered, where facilities exist for OPT-E-MAN®. (cont'd)

j. The following diagram describes a standard service configuration for OPT-E-MAN®.



Each connection is a 100 Mbps connection on different ports

(1) Standard Connection

- Transport/Port/Interface

(2) Committed Information Rate (CIR) plus one (1) Ethernet Virtual Connection (EVC)

5. OPT-E-MAN® (cont'd)**C. Rate Regulations (cont'd)**

1. Rate Elements (cont'd)

The following identifies the rates elements offered, where facilities exist for OPT-E-MAN®. (cont'd)

k. Meet-Point Billing Options

Meet-Point is available in two configurations:

Direct LEC Connection is provisioned using a standard OPT-E-MAN Basic or Basic Plus Connection and associated CIR, plus Mileage. The mileage is measured in airline miles from the OPT-E-MAN switch location to the ILEC (ICO) meet-point location.

GigE ICO Trunking Arrangement applies an ICO Trunk Connection Charge between the OPT-E-MAN switch location and the ICO meet-point location that is shared with the ILEC (ICO) Ethernet switch. The ICO Trunk Connection Charge is applied to each customer Ethernet Virtual Connection (EVC) that is transported on the GigE trunk backbone to the ICO meet-point. The ICO Trunk Mileage charge is applicable to each customer Ethernet Virtual Connection (EVC) transported across the GigE trunk when mileage exceeds 10 miles. Mileage is calculated from the OPT-E-MAN switch location to the ICO meet-point location.

5. OPT-E-MAN® (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan

a. General

OPT-E-MAN® Term Pricing Plan (TPP) provides the customer with rate stabilization and discounted tariff rates. The OPT-E-MAN® TPP provides for a one, two, three or five year terms. Monthly extension will only be offered when a term contract has expired and the customer has not yet signed another term contract.

OPT-E-MAN® TPP monthly rates will be exempt from Company initiated rate increases throughout the selected service period. Should the Company increase its rates during the OPT-E-MAN® TPP service period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the OPT-E-MAN® TPP.

Decreases in OPT-E-MAN® TPP monthly recurring tariff rates will be passed on to customers who participate in an OPT-E-MAN® TPP.

Non-recurring charges will be waived for customers who subscribe to the 2, 3 or 5 year Term Payment Plan (TPP) for the Basic, Basic Plus Connection, Committed Information Rate (CIR), Additional MAC Addresses and Repeater rate elements.

b. Renewal of Term Pricing Plan

At the end of a Term Pricing Plan, the customer may renew with a written notice of intent to renew no later than 90 days prior to its expiration, for any TPP in effect without incurring new nonrecurring charges.

If the customer elects not to renew the TPP or does not notify the Company of its intent to renew the TPP, the service will automatically be billed under the Monthly Extension rates in effect at the time the TPP expires until the customer cancels or renews the service with a new TPP term. Subsequently, customers under the Monthly Extension rates may convert their existing service to either a one, two, three, or five year TPP. The customer will not be assessed any associated nonrecurring charges as long as the physical serving arrangement does not change.

Monthly Extensions are not available to new service.

5. OPT-E-MAN® (cont'd)

C. Rate Regulations (cont'd)

2. Term Pricing Plan

a. General

OPT-E-MAN® Term Pricing Plan (TPP) provides the customer with rate stabilization and discounted tariff rates. The OPT-E-MAN TPP provides for a one, two, three or five year terms. Monthly extension will only be offered when a term contract has expired and the customer has not yet signed another term contract.

OPT-E-MAN TPP monthly rates will be exempt from Company initiated rate increases throughout the selected service period. Should the Company increase its rates during the OPT-E-MAN TPP service period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the OPT-E-MAN TPP.

Decreases in OPT-E-MAN TPP monthly recurring tariff rates will be passed on to customers who participate in an OPT-E-MAN TPP.

Nonrecurring charges will be waived for those customers selecting the 2, 3 or 5 year Term Payment Plan (TPP) period for new service for the Basic or Basic Plus Connection, Committed Information Rate (CIR), Additional MAC Addresses and Repeater rate elements.

(C)
|
(C)

b. Renewal of Term Pricing Plan

At the end of a Term Pricing Plan, the customer may renew with a written notice of intent to renew no later than 90 days prior to its expiration, for any TPP in effect without incurring new nonrecurring charges.

If the customer elects not to renew the TPP or does not notify the Company of its intent to renew the TPP, the service will automatically be billed under the Monthly Extension rates in effect at the time the TPP expires until the customer cancels or renews the service with a new TPP term. Subsequently, customers under the Monthly Extension rates may convert their existing service to either a one, two, three, or five year TPP. The customer will not be assessed any associated nonrecurring charges as long as the physical serving arrangement does not change.

Monthly Extensions are not available to new service.

5. OPT-E-MAN® (cont'd)**C. Rate Regulations (cont'd)****2. Term Pricing Plan****a. General**

OPT-E-MAN® Term Pricing Plan (TPP) provides the customer with rate stabilization and discounted tariff rates. The OPT-E-MAN TPP provides for a one, two, three or five^{/1/} year terms. (C)
Monthly extension will only be offered when a term contract has expired and the customer has not yet signed another term contract.

OPT-E-MAN TPP monthly rates will be exempt from Company initiated rate increases throughout the selected service period. Should the Company increase its rates during the OPT-E-MAN TPP service period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the OPT-E-MAN TPP.

Decreases in OPT-E-MAN TPP monthly recurring tariff rates will be passed on to customers who participate in an OPT-E-MAN TPP.

Nonrecurring charges will be waived for those customers selecting the two, three or five^{/1/} year (C)
Term Payment Plan (TPP) period for new service for the Basic or Basic Plus Connection, Committed Information Rate (CIR), Additional MAC Addresses and Repeater rate elements.

b. Renewal of Term Pricing Plan

At the end of a Term Pricing Plan, the customer may renew with a written notice of intent to renew no later than 90 days prior to its expiration, for any TPP in effect without incurring new nonrecurring charges.

If the customer elects not to renew the TPP or does not notify the Company of its intent to renew the TPP, the service will automatically be billed under the Monthly Extension rates in effect at the time the TPP expires until the customer cancels or renews the service with a new TPP term. Subsequently, customers under the Monthly Extension rates may convert their existing service to either a one, two, three, or five^{/1/} year TPP. The customer will not be assessed any associated (C)
nonrecurring charges as long as the physical serving arrangement does not change.

Monthly Extensions are not available to new service.

/1/ As of November 15, 2013, Term Pricing Plan terms greater than 36 months are no longer available (N)
for new or renewing subscribers. (N)

5. OPT-E-MAN® (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan (cont'd)

c. Change of Term Pricing Plan

At any time, a customer may change an existing TPP to a new TPP only when the new TPP payment period is longer than the remaining period currently in effect, without any Termination Liability Charges or nonrecurring charges applying as long as all other aspects of the service and facilities remain unchanged. The new TPP begins on the service order completion date and is treated as a new TPP period.

d. Service Available Under OPT-E-MAN TPP

A customer may elect to participate in the OPT-E-MAN TPP for the OPT-E-MAN Basic Connection and Repeater rate elements only.

e. Terms and Conditions

Customers must specify the length of the service period at the time the OPT-E-MAN is established.

Customers may upgrade their usage (CIR) to a higher speed without incurring termination charges, depending on facilities used. The Company will determine whether such an upgrade is permissible based on the type of facilities currently used to provide the service.

Customers may upgrade their Grade of Service without incurring Termination Charges provided the upgrade does not include any reduction in the customer's existing CIR.

Customers may move their existing service to a new location without incurring termination charges provided all of the following conditions are met:

- (1) The customer maintains the existing TPP at the new location or establishes a new TPP equal to or greater than at the old location;
- (2) During the Term Payment Plan, a customer may move OPT-E-MAN location to another premises in the same LATA and keep the Term Plan in force without assessment of Early Termination Liability, provided no lapse in billing occurs;
- (3) The customer's request for disconnect at the existing location and the request for service at the new location are received at the same time;

5. OPT-E-MAN® (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan (cont'd)

e. Terms and Conditions (cont'd)

Customers may move their existing service to a new location without incurring termination charges provided all of the following conditions are met: (cont'd)

- (4) The customer's disconnect order for the existing service references the new connect order for the new service;
- (5) Moves of one location to a premise in a different serving office may result in a change in the monthly charges. Nonrecurring charges, as appropriate, are applicable as set forth in E. Rates and Charges, following.
- (6) If the customer moves more than one location of the service concurrently the customer will be liable for Termination Liability charges as this is considered a complete disconnect of the service.

f. Termination Charges

In addition to any special construction liabilities, as set forth in Schedule Cal.P.U.C. 175-T, Section 15., customer termination liability for cancellation of OPT-E-MAN® TPP shall be equal to:

- (1) Any unpaid Special Construction or nonrecurring charges (excluding any waived charges); plus
- (2) Fifty percent (50%) of all recurring charges for the remaining months of the customer's term which the customer agrees to pay within 30 days.
- (3) The termination charge is calculated as follows:

(Monthly Recurring Rate) x (Months remaining in TPP term) x (Termination Billing Period Percentage)

Example: A customer with a \$1,800.00 monthly rate terminates service with 10 months remaining in a 3 year TPP term.

The termination liability charges would be calculated as follows: (\$1800.00) x (10) x (.50) = \$9,000.00

5. OPT-E-MAN[®] (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan (TPP) (cont'd)

f. Termination Charges (cont'd)

Migration to AT&T Switched Ethernet ServiceSM

As of February 1, 2012, if the customer migrates from OPT-E-MAN Service to AT&T Switched Ethernet Service in accordance with all terms and conditions in the AT&T Interstate Access Guidebook applicable to AT&T Switched Ethernet Service, then the customer may do so without termination charges, given all of the following conditions are met:

- The customer must issue a disconnect order for their existing OPT-E-MAN service and place a service order for AT&T Switched Ethernet Service. If over-lapping service is required, billing will apply.
- Standard nonrecurring charges to install AT&T Switched Ethernet Service, if applicable, will apply.
- The term of the new contract must be equal to or greater than the remaining time left on the existing OPT-E-MAN contract **and** the Monthly Recurring Charge of the new AT&T Switched Ethernet Service must be equal to or greater than the Monthly Recurring Charge of the OPT-E-MAN Service being replaced.
- The new AT&T Switched Ethernet Service and the OPT-E-MAN service must be billed to the same customer of record at the same location(s).
- The customer's existing OPT-E-MAN service must have been in service at least 12 months.
- Migration is contingent on availability of fiber and equipment to serve the location being migrated. Other Special Construction charges, as necessary, may apply.
- If Special Construction charges were applicable to the existing OPT-E-MAN service being replaced, and those charges were not already paid, they must be carried forward to the new AT&T Switched Ethernet Service contract.

SM AT&T Switched Ethernet Service is a service mark of AT&T Intellectual Property.

5. OPT-E-MAN[®] (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan (TPP) (cont'd)

f. Termination Charges (cont'd)

Migration to AT&T Switched Ethernet ServiceSM

A customer may migrate from OPT-E-MAN Service to AT&T Switched Ethernet Service without incurring Termination Charges, given all of the following conditions are met: (C)
(C)

- The customer must issue a disconnect order for their existing OPT-E-MAN service and place a service order for AT&T Switched Ethernet Service. If over-lapping service is required, billing will apply.
- Standard nonrecurring charges to install AT&T Switched Ethernet Service, if applicable, will apply.
- The term of the new contract must be equal to or greater than the remaining time left on the existing OPT-E-MAN contract **and** the Monthly Recurring Charge of the new AT&T Switched Ethernet Service must be equal to or greater than the Monthly Recurring Charge of the OPT-E-MAN Service being replaced.
- The new AT&T Switched Ethernet Service and the OPT-E-MAN service must be billed to the same customer of record at the same location(s).
- The customer's existing OPT-E-MAN service must have been in service at least 12 months.
- Migration is contingent on availability of fiber and equipment to serve the location being migrated. Other Special Construction charges, as necessary, may apply.
- If Special Construction charges were applicable to the existing OPT-E-MAN service being replaced, and those charges were not already paid, they must be carried forward to the new AT&T Switched Ethernet Service contract.

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5. OPT-E-MAN® (cont'd)

C. Rate Regulations (cont'd)

2. Term Pricing Plan (TPP) (cont'd)

f. Termination Charges (cont'd)

Migration to AT&T Switched Ethernet ServiceSM

A customer may migrate from OPT-E-MAN Service to AT&T Switched Ethernet Service without incurring Termination Charges, given all of the following conditions are met:

- The customer must issue a disconnect order for their existing OPT-E-MAN service and place a service order for AT&T Switched Ethernet Service. If over-lapping service is required, billing will apply.
- Standard nonrecurring charges to install AT&T Switched Ethernet Service, if applicable, will apply.
- The term of the new contract must be equal to or greater than the remaining time left on the existing OPT-E-MAN contract.
- The new AT&T Switched Ethernet Service and the OPT-E-MAN service must be billed to the same customer of record at the same location(s).
- The customer's existing OPT-E-MAN service must have been in service at least 12 months.
- Migration is contingent on availability of fiber and equipment to serve the location being migrated. Other Special Construction charges, as necessary, may apply.
- If Special Construction charges were applicable to the existing OPT-E-MAN service being replaced, and those charges were not already paid, they must be carried forward to the new AT&T Switched Ethernet Service contract.

(C)
(D)
(D)

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5. OPT-E-MAN® (cont'd)

C. Rate Regulations (cont'd)

2. Term Pricing Plan (TPP) (cont'd)

f. Termination Charges (cont'd)

Migration to AT&T Switched Ethernet ServiceSM

Customers subscribing to OPT-E-MAN Service may migrate to AT&T Switched Ethernet Service provided by the Company without incurring termination liability, subject to the following conditions:

- The new AT&T Switched Ethernet Service and the existing OPT-E-MAN Service must be billed to the same customer of record at the same customer locations.
- The customer's existing service must have been in place for at least 12 months.
- The minimum term for the new service must be at least 12 months and must be equal to or greater than the number of months remaining in the customer's existing Term Payment Plan (TPP) term.
- The speed (capacity/bandwidth) of the new service must be equal to or greater than that of the existing service.
- The customer must issue a disconnect order for the replaced OPT-E-MAN Service to be effective within 90 days after the AT&T Switched Ethernet Service installation date. The disconnect and new orders must be coordinated through the Company.
- If overlapping service is required, the period will be limited to not more than 90 days and billing will apply to both services during the time both services are available.

(C)

(C)

SM AT&T Switched Ethernet Service is a service mark of AT&T Intellectual Property.

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges

	<u>Nonrecurring Charges^{/3/}</u>	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60 Months</u>	<u>Monthly Extension</u>
Standard Connection ^{/1/} Per Location						
<u>Basic Service</u>						
10/100BaseT 1 Gbps	\$1925.00 2100.00	\$ 780.00 1200.00	\$ 750.00 1150.00	\$ 650.00 1000.00	\$ 575.00 850.00	\$ 925.00 1400.00
<u>Basic Plus Service</u>						
10/100BaseT 1 Gbps	\$1925.00 2100.00	\$ 780.00 1200.00	\$ 750.00 1150.00	\$ 650.00 1000.00	\$ 575.00 850.00	\$ 925.00 1400.00
<u>Grade of Service Monthly Charges</u>						
	<u>Nonrecurring Charges</u>	<u>Best Effort</u>	<u>Bronze</u>	<u>Silver</u>		
Ethernet Virtual Connection (EVC) ^{/2/} - per connection						
2-1000 Mbps	\$0.00	\$0.00	\$0.00	\$0.00		

/1/ Standard Connection rates include the Interface, Port and Transport rate element.

/2/ Ethernet Virtual Connections are required for provisioning purposes only and can be assigned in 1 Mbps increments.

/3/ Non-recurring charges waived for customers who subscribe to the 24, 36 or 60 month Term Payment Plan (TPP).

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges

	<u>Nonrecurring Charges</u> ^{/3/}	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60 Months</u>	<u>Monthly Extension</u>
Standard Connection ^{/1/} Per Location						
<u>Basic Service</u>						
10/100BaseT	\$1925.00	\$ 780.00	\$ 750.00	\$ 650.00	\$ 575.00	\$ 925.00
1 Gbps	2100.00	1200.00	1150.00	1000.00	850.00	1400.00
<u>Basic Plus Service</u>						
10/100BaseT	\$1925.00	\$ 780.00	\$ 750.00	\$ 650.00	\$ 575.00	\$ 925.00
1 Gbps	2100.00	1200.00	1150.00	1000.00	850.00	1400.00

	<u>Nonrecurring Charges</u>	<u>Grade of Service Monthly Charges</u>		
		<u>Best Effort</u>	<u>Bronze</u>	<u>Silver</u>
Ethernet Virtual Connection (EVC) ^{/2/} - per connection				
2-1000 Mbps	\$0.00	\$0.00	\$0.00	\$0.00

/1/ Standard Connection rates include the Interface, Port and Transport rate element.

/2/ Ethernet Virtual Connections are required for provisioning purposes only and can be assigned in 1 Mbps increments.

/3/ Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service. (C)
(C)

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges

	<u>Nonrecurring Charges</u> ^{/3/}	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60</u> ^{/4/} <u>Months</u>	<u>Monthly (C) Extension</u>
Standard Connection ^{/1/} Per Location						
<u>Basic Service</u>						
10/100BaseT	\$1925.00	\$ 780.00	\$ 750.00	\$ 650.00	\$ 575.00	\$ 925.00
1 Gbps	2100.00	1200.00	1150.00	1000.00	850.00	1400.00
<u>Basic Plus Service</u>						
10/100BaseT	\$1925.00	\$ 780.00	\$ 750.00	\$ 650.00	\$ 575.00	\$ 925.00
1 Gbps	2100.00	1200.00	1150.00	1000.00	850.00	1400.00

	<u>Nonrecurring Charges</u>	<u>Grade of Service Monthly Charges</u>		
		<u>Best Effort</u>	<u>Bronze</u>	<u>Silver</u>
Ethernet Virtual Connection (EVC) ^{/2/} - per connection				
2-1000 Mbps	\$0.00	\$0.00	\$0.00	\$0.00

- /1/ Standard Connection rates include the Interface, Port and Transport rate element.
- /2/ Ethernet Virtual Connections are required for provisioning purposes only and can be assigned in 1 Mbps increments.
- /3/ Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60^{/4/} month Term Payment Plan (TPP) period for new service. (C)
- /4/ As of November 15, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers. (N)

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges (cont'd)

Committed Information Rate (CIR)	Nonrecurring Charge ^{/1/}	Grade of Service Monthly Charge		
		Best Effort	Bronze	Silver
2 Mbps	\$75.00	\$255.00	\$300.00	\$500.00
4 Mbps	75.00	295.00	350.00	550.00
5 Mbps	75.00	N/A	450.00	650.00
8 Mbps	75.00	465.00	550.00	750.00
10 Mbps	75.00	N/A	650.00	850.00
20 Mbps	75.00	N/A	900.00	1,100.00
50 Mbps	75.00	N/A	1,025.00	1,225.00
100 Mbps	75.00	N/A	1,200.00	1,400.00
150 Mbps	75.00	N/A	1,375.00	1,775.00
250 Mbps	75.00	N/A	1,575.00	1,975.00
500 Mbps	75.00	N/A	1,900.00	2,300.00
600 Mbps	75.00	N/A	2,225.00	2,625.00
1000 Mbps	75.00	N/A	2,575.00	2,975.00

N/A - Not Available

/1/ Non-recurring charges waived for customers who subscribe to the 24, 36 or 60 month Term Payment Plan (TPP).

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges (cont'd)

<u>Committed Information Rate (CIR)</u>	<u>Nonrecurring Charge</u> ^{/1/}	<u>Grade of Service Monthly Charge</u>		
		<u>Best Effort</u>	<u>Bronze</u>	<u>Silver</u>
2 Mbps	\$75.00	\$255.00	\$300.00	\$500.00
4 Mbps	75.00	295.00	350.00	550.00
5 Mbps	75.00	N/A	450.00	650.00
8 Mbps	75.00	465.00	550.00	750.00
10 Mbps	75.00	N/A	650.00	850.00
20 Mbps	75.00	N/A	900.00	1,100.00
50 Mbps	75.00	N/A	1,025.00	1,225.00
100 Mbps	75.00	N/A	1,200.00	1,400.00
150 Mbps	75.00	N/A	1,375.00	1,775.00
250 Mbps	75.00	N/A	1,575.00	1,975.00
500 Mbps	75.00	N/A	1,900.00	2,300.00
600 Mbps	75.00	N/A	2,225.00	2,625.00
1000 Mbps	75.00	N/A	2,575.00	2,975.00

N/A - Not Available

/1/ Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service. (C)
(C)

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges (cont'd)

<u>Committed Information Rate (CIR)</u>	<u>Nonrecurring Charge</u> ^{/1/}	<u>Grade of Service Monthly Charge</u>		
		<u>Best Effort</u>	<u>Bronze</u>	<u>Silver</u>
2 Mbps	\$75.00	\$255.00	\$300.00	\$500.00
4 Mbps	75.00	295.00	350.00	550.00
5 Mbps	75.00	N/A	450.00	650.00
8 Mbps	75.00	465.00	550.00	750.00
10 Mbps	75.00	N/A	650.00	850.00
20 Mbps	75.00	N/A	900.00	1,100.00
50 Mbps	75.00	N/A	1,025.00	1,225.00
100 Mbps	75.00	N/A	1,200.00	1,400.00
150 Mbps	75.00	N/A	1,375.00	1,775.00
250 Mbps	75.00	N/A	1,575.00	1,975.00
500 Mbps	75.00	N/A	1,900.00	2,300.00
600 Mbps	75.00	N/A	2,225.00	2,625.00
1000 Mbps	75.00	N/A	2,575.00	2,975.00

N/A - Not Available

/1/ Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60^{/2/} month Term Payment Plan (TPP) period for new service. (C)
 /2/ As of November 15, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers. (N)
 (N)

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges (cont'd)

		Nonrecurring Charge		Monthly Charge		
Additional Mac Addresses ^{/1/} - 51-100		\$70.00		\$5.00		
Service Order Change Charge		75.00		NA		
Miscellaneous Change Charge		50.00		NA		
Service Order Cancellation Charge		200.00		NA		
Order Expedite		300.00		NA		
	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	60 Months	Monthly Extension
Repeater	\$250.00	\$400.00	\$375.00	\$325.00	\$300.00	\$475.00

/1/ Non-recurring charges waived for customers who subscribe to the 24, 36 or 60 month Term Payment Plan (TPP).

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges (cont'd)

	<u>Nonrecurring Charge</u>	<u>Monthly Charge</u>				
Additional Mac Addresses ^{/1/} - 51-100	\$70.00	\$5.00				
Service Order Change Charge	75.00	NA				
Miscellaneous Change Charge	50.00	NA				
Service Order Cancellation Charge	200.00	NA				
Order Expedite	300.00	NA				
	<u>Nonrecurring Charges^{/1/}</u>	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60 Months</u>	<u>Monthly Extension</u>
Repeater	\$250.00	\$400.00	\$375.00	\$325.00	\$300.00	\$475.00

/1/ Nonrecurring charges will be waived for customers selecting the 24, 36 or 60 month Term Payment Plan (TPP) period for new service. (C)
(C)

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges (cont'd)

	<u>Nonrecurring Charge</u>	<u>Monthly Charge</u>					
Additional Mac Addresses ^{/1/} - 51-100	\$70.00	\$5.00					
Service Order Change Charge	75.00	NA					
Miscellaneous Change Charge	50.00	NA					
Service Order Cancellation Charge	200.00	NA					
Order Expedite	300.00	NA					
	<u>Nonrecurring Charges^{/1/}</u>	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60^{/2/} Months</u>	<u>Monthly Extension</u>	(C)
Repeater	\$250.00	\$400.00	\$375.00	\$325.00	\$300.00	\$475.00	

/1/ Nonrecurring charges will be waived for customers selecting the 24, 36 or 60^{/2/} month Term Payment Plan (TPP) period for new service. (C)

/2/ As of November 15, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers. (N)
(N)

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges (cont'd)

	<u>Nonrecurring Charge</u>						<u>Monthly Price</u>
Meet-Point Billing Options							
- Direct LEC Connection, Mileage							
Above 0 and inclusive of 10 miles	\$1,200.00						\$500.00
Above 10 and inclusive of 25 miles	1,200.00						1,000.00
Above 25 and inclusive of 35 miles	1,200.00						1,500.00
Above 35 and inclusive of 50 miles	1,200.00						2,500.00
	<u>Nonrecurring Charge</u> ^{/1/}	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60 Months</u>	<u>Monthly Extension</u>	
- GigE ICO Trunking Arrangement							
ICO Trunk Connection Charge, per EVC							
2 Mbps	\$300.00	\$340.00	\$290.00	\$250.00	\$220.00	\$400.00	
4 Mbps	345.00	380.00	330.00	285.00	250.00	440.00	
5 Mbps	400.00	430.00	370.00	315.00	270.00	500.00	
8 Mbps	460.00	490.00	420.00	360.00	310.00	570.00	
10 Mbps	525.00	570.00	490.00	420.00	360.00	660.00	
20 Mbps	600.00	670.00	580.00	504.00	430.00	780.00	
50 Mbps	700.00	840.00	730.00	630.00	540.00	970.00	
100 Mbps	800.00	1,120.00	970.00	840.00	720.00	1,290.00	
150 Mbps	925.00	1,670.00	1,450.00	1,260.00	1,080.00	1,930.00	
250 Mbps	1,100.00	2,160.00	1,870.00	1,620.00	1,380.00	2,490.00	
500 Mbps	1,100.00	4,640.00	4,030.00	3,500.00	2,980.00	5,340.00	
600 Mbps	1,100.00	5,560.00	4,830.00	4,200.00	3,570.00	6,400.00	
1 Gbps	1,100.00	6,390.00	5,500.00	4,830.00	4,100.00	7,360.00	

/1/ Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60 month Term Pricing Plan (TPP) period for new service.

5. OPT-E-MAN® (cont'd)

D. Current Rates and Charges (cont'd)

	<u>Nonrecurring Charge</u>						<u>Monthly Price</u>	
Meet-Point Billing Options								
- Direct LEC Connection, Mileage								
Above 0 and inclusive of 10 miles	\$1,200.00						\$500.00	
Above 10 and inclusive of 25 miles	1,200.00						1,000.00	
Above 25 and inclusive of 35 miles	1,200.00						1,500.00	
Above 35 and inclusive of 50 miles	1,200.00						2,500.00	
	<u>Nonrecurring Charge</u> ^{/1/}	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60^{/2/} Months</u>	<u>Monthly Extension</u>	(C)	
- GigE ICO Trunking Arrangement								
ICO Trunk Connection Charge, per EVC								
2 Mbps	\$300.00	\$340.00	\$290.00	\$250.00	\$220.00	\$400.00		
4 Mbps	345.00	380.00	330.00	285.00	250.00	440.00		
5 Mbps	400.00	430.00	370.00	315.00	270.00	500.00		
8 Mbps	460.00	490.00	420.00	360.00	310.00	570.00		
10 Mbps	525.00	570.00	490.00	420.00	360.00	660.00		
20 Mbps	600.00	670.00	580.00	504.00	430.00	780.00		
50 Mbps	700.00	840.00	730.00	630.00	540.00	970.00		
100 Mbps	800.00	1,120.00	970.00	840.00	720.00	1,290.00		
150 Mbps	925.00	1,670.00	1,450.00	1,260.00	1,080.00	1,930.00		
250 Mbps	1,100.00	2,160.00	1,870.00	1,620.00	1,380.00	2,490.00		
500 Mbps	1,100.00	4,640.00	4,030.00	3,500.00	2,980.00	5,340.00		
600 Mbps	1,100.00	5,560.00	4,830.00	4,200.00	3,570.00	6,400.00		
1 Gbps	1,100.00	6,390.00	5,500.00	4,830.00	4,100.00	7,360.00		

/1/ Nonrecurring charges will be waived for those customers selecting the 24, 36 or 60^{/2/} month Term Pricing Plan (TPP) period for new service. (C)

/2/ As of November 15, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers. (N)
(N)

5. OPT-E-MAN® (cont'd)**D. Current Rates and Charges (cont'd)**

	<u>Monthly Charge</u>
Meet-Point Billing Options (cont'd)	
- GigE ICO Trunking Arrangement (cont'd)	
ICO Trunk Mileage, per EVC	
Above 0 and inclusive of 10 miles	N/A
Above 10 and inclusive of 25 miles	
2 Mbps to 20 Mbps	\$170.00
50 Mbps to 150 Mbps	375.00
250 Mbps to 1 Gbps	1,500.00
Above 25 and inclusive of 35 miles	
2 Mbps to 20 Mbps	270.00
50 Mbps to 150 Mbps	675.00
250 Mbps to 1 Gbps	1,750.00
Above 35 and inclusive of 50 miles	
2 Mbps to 20 Mbps	410.00
50 Mbps to 150 Mbps	1,100.00
250 Mbps to 1 Gbps	2,000.00

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE**A. General Description****1. Service Description**

Customized Switched Ethernet (CSME) Service is an advanced service offering networking capabilities utilizing Optical Ethernet. CSME provides an integrated service offering consisting of fiber transport connected to an Ethernet device capable of switching and routing. Customers will connect to the service using a router, bridge or switch. CSME Service provides bandwidths of 10 Mbps, 100 Mbps or 1 Gbps.

CSME allows customers to connect multiple locations within a Metropolitan Area Network (MAN) as if they were segments on the same LAN.

CSME Service provides the customer the capability to connect to the Company's Ethernet network, where facilities exist, via one of the following standard network interfaces:

10/100 Mbps Base T

1 Gbps Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX)^{/1/}

CSME Service includes the transport from the customer's premises to the Ethernet network, a port on the Ethernet network and the bandwidth that will be used across the network.

CSME Service provides the ability to segregate customer traffic by the use of Ethernet Virtual Connections (EVC) at an additional charge.

Network Terminating Equipment (NTE) will be placed at the customer's premises as part of the CSME Service. The NTE functions as a switching and routing device

A detailed description of the rate elements and how they applied can be found in C. Rate Regulations, following.

Specifications for ordering CSME Service rate elements are identified in B.2. Ordering Specifications and Provisioning, following.

/1/ Includes allowances for overhead within the Company's Ethernet Network. If a customer orders 1 Gbps of bandwidth on a single port, the Company reserves the right to use up to 10% of bandwidth for traffic management.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**B. Service Provisioning (cont'd)**

1. Manner of Provisioning

- a. Provisioning of this service is subject to the availability and operational limitations of the Company's equipment and associated facilities. Where facilities and/or operating conditions are not available, Special Construction charges as set forth in Schedule Cal.P.U.C. No. 175-T, Section 15. may apply.
- b. Access into the Company's network must conform to industry standards and specifications as set forth in the Company's technical publication.
- c. The Company will provision up to and including the Network Terminating Equipment (NTE). The Company will place NTE at either a Multi-Tenant Unit (MTU) or Single Tenant Unit (STU). MTU NTEs are shared among multiple customers. The placement of the NTE shall be located in a manner consistent with federal and state regulatory requirements. This location will be at each customer's premises, unless specified otherwise and agreed to by the Company.
- d. NTEs installed by the Company on the customer's premises shall remain the property of the Company. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test or interface with any network equipment installed by the Company without prior written consent of the Company.
- e. The customer shall be responsible for obtaining permission for the Company's agents or employees to enter the customer's premises at a mutually agreed upon time for the purpose of installing, inspecting, repairing, or removing (upon termination of the service) the equipment of the Company.
- f. The operating characteristics of customer provided equipment (CPE) used in connection with CSME must not interfere with the Company's CSME network. CPE must not:
 - (1) Endanger the safety of the Company's employees or the public;
 - (2) Damage, harm, require change in or alteration of the equipment or other services of the Company; or
 - (3) Interfere with the proper operation of the Company's equipment.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**B. Service Provisioning (cont'd)**

1. Manner of Provisioning (cont'd)

- g. Upon notice from the Company that the CPE is causing, or is likely to cause, such hazard or interference, the customer shall take such steps as necessary to remove or prevent such hazard or interference.
- h. CSME Service supports full duplex communication.
- i. If a customer connects to the CSME network using a bridge or switch for Layer 2 connectivity, only 150 Media Access Control (MAC) addresses can be used per Layer 2 device, per port. Any additional addresses will be assessed additional charges, with a limit of 200 MAC addresses total per port as set forth in E. Rates and Charges, following.
- j. Repeater technology may be used for customers requesting CSME service from a serving wire center not equipped to provide CSME service or if customers are outside the technical limits of an Ethernet equipped Central Office. A technical review will be necessary to determine if service can be provided. Only one repeater can be used on a connection between the Ethernet equipped Central Office and the customer premises. A repeater will incur additional charges as set forth in E. following.
- k. CSME Service may be available in a meet-point billing arrangement involving another Incumbent Local Exchange Carrier (ILEC) (sometimes also referred to as an Independent Company or ICO), where suitable facilities exist and where appropriate procedures for such arrangements have been put in place between the Company and the other ILEC. When the Company and another ILEC jointly provision CSME Service with the other ILEC's service, the ILEC involved shall bill the customer at that ILEC's applicable rates for their portion of the service located in their operating territory. 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.
- l. A Letter of Authorization will need to be established if customers want to purchase a logical connection via an EVC to another provider (IXC, ISP or other) in order to ensure security and accuracy in the connection.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**B. Service Provisioning (cont'd)**

1. Manner of Provisioning (cont'd)

- m. A total of 8 Ethernet Virtual Connections (EVCs) may be configured per 10/100 Base T port should the customer wish to segregate traffic. A total of 64 EVCs may be configured per 1 Gbps port. Should the customer request more than 64 EVCs on 1 Gbps port, a technical review will need to be conducted to determine whether the network will support more than 64 EVCs.
- n. If the customer orders 10 Mbps or 100 Mbps bandwidth connection, the Company will only provision the service using the 10/100 Base T Connection.
- o. The Company will use controls to limit the amount of multicast and broadcast traffic to protect the CSME network against traffic storms. The maximum throughput of multicast traffic will be set at 1 Mbps per customer port, while the maximum throughput of broadcast traffic will be set at 200 packets per second per port. The Company recommends that customers enable controls for multicast, broadcast and unknown unicast traffic within the customer network(s).

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**B. Service Provisioning (cont'd)**

2. Ordering Specifications and Provisioning

- a. The customer must order CSME Service via one of the following network interfaces as described in the following:

- (1) 10/100 Base T

10/100 Base T is an electrical handoff with a bandwidth limitation of 100 Mbps

- (2) 1 Gbps Ethernet (1000 Base SX, 1000 Base LX/LH or 1000 Base ZX)^{/1/}

1 Gbps is a fiber handoff with a bandwidth limitation of 1 Gbps^{/1/}

- b. CSME standard features includes the usage, transport, port, and interface to the Ethernet network. In addition, the customer must select one of the following bandwidth usage:

- (1) 10 Mbps,
(2) 100 Mbps or
(3) 1 Gbps.

CSME also provides the customer with an option to purchase additional (subsequent) bandwidth. Subsequent bandwidth can be ordered either in 10 Mbps or 100 Mbps connection.

If the customer requests the ability to segregate traffic, Ethernet Virtual Connection (EVC) may be ordered at an additional charge. EVC is a logical point to point connection between two or more customer locations and goes from the customer demarcation point (Ethernet Interface) to the network out to another customer demarcation point. Additional EVCs may be ordered to establish additional virtual connections over the same physical connection. When EVCs are ordered, the customer must designate the amount of bandwidth assigned to each EVC.

/1/ Includes allowances for overhead within the Company's Ethernet Network. If a customer orders 1 Gbps of bandwidth on a single port, the Company reserves the right to use up to 10% of the bandwidth for traffic management.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**B. Service Provisioning (cont'd)**

3. Limitations (cont'd)

CSME is only available within the same Local Access Transport Areas (LATAs) and is subject to the availability and operational limitations of the Company's equipment and associated facilities.

Regulations, rates and charges specified herein are in addition to other regulations, rates and charges as set forth in Schedule Cal.P.U.C. No. 175-T.

Limitations of liability for OPT-E-MANSM as set forth in Schedule Cal.P.U.C. No. 175-T, Section 2.1.2 and Guidebook, Part 2, Section 2 are applicable.

Where facilities, equipment and/or operating conditions are not available, Special Construction charges as set forth in Schedule Cal.P.U.C. No. 175-T, Section 15. are applicable.

The Company does not undertake to originate data, but offers the use of its service elements to customers for the purpose of transporting customer's originated data.

The responsibility of the Company shall be limited to furnishing the Ethernet network. Subject to this responsibility, the Company shall not be responsible for the through transmission of signals generated by CPE or for the quality of, or defects in, such transmission or the rejection of signal by CPE.

The Company will maintain and repair the service it furnishes and will provide the customer reasonable notification of service affecting activities that may occur in the normal operation of business.

Maintenance of service regulations and charges are set forth in Schedule Cal.P.U.C. No. 175-T, Section 13.3.1, Maintenance of Service, for customer reported trouble.

The Company may request additional customer information as may be required to permit the Company to maintain the CSME network and to ensure that the service arrangement is in compliance with the regulations contained in this section.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

B. Service Provisioning (cont'd)

3. Limitations (cont'd)

The Company shall not be responsible for error correction. Error correction is the responsibility of the customer's CSME compatible CPE.

The Company shall not be responsible for installation, operating, maintaining, or adapting CSME to the technological requirements of any specific CPE.

The Company shall not be responsible to the customer or user if changes in any of the equipment, operations, or procedures of the Company used in provisioning of CSME render any facilities provided by the customer or user obsolete; or require modification or alteration of such equipment or system; or otherwise affect its use or performance, provided the Company has met all applicable information disclosure requirements otherwise required by law.

Ethernet Virtual Connections (EVCs) do not provide traffic prioritization.

Service Level Agreements (SLAs) are not offered with CSME Service, however, Credit Allowances are applicable as set forth in 5. following.

4. Technical Specifications

Technical specifications are set forth in the following technical reference:

Network Equipment Design Requirements (SBC TP-6200MP Issue 5, 10/03) Ethernet Standards for SBC Local Exchange Companies (SBC TP-76412 Issue 2, 12/1/03)

This technical reference can be obtained from:

APEX Support Team
(734) 523-7348

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**B. Service Provisioning (cont'd)**

5. Allowance for Service Interruptions (cont'd)

The Company will administer its network to ensure the provision of acceptable service levels to all users of the Company's CSME network. In case of an interruption of service, allowance for the period of interruption, if not due to the negligence of the customer, shall be as follows. No credit shall be allowed for an interruption of less than 10 seconds. If an interruption of service is more than 10 seconds, the customer shall be credited at the rate 10/8640 of the monthly charges for the service 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% of the applicable monthly rates.

The Company will be excluded from providing a Credit Allowance should any of the following conditions occur:

- a. Force majeure events such as, but not limited to an earthquake, hurricane, flood, fire, storms, tornadoes, explosion, lightning, power surges or failure, fiber cuts, strikes or labor disputes. Loss or damage resulting from any cause beyond the Company's reasonable control such as acts of war, civil disturbances, acts of civil or military authorities or public enemy.
- b. Data loss during the Company's scheduled maintenance window.
- c. Failures attributed to facilities or equipment provided by customer or its contractors, equipment vendors, another local exchange carrier or inter-exchange carrier.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**C. Rate Regulations**

This section identifies each rate element and discusses the rate application governing the rates and charges that apply to CSME.

Specific rates and charges for CSME are set forth in D. Rates and Charges, following.

Jurisdictional reporting requirements are set forth in Schedule Cal.P.U.C. No. 175-T, Section 2.3.14 Jurisdictional Report Requirements.

1. Rate Elements

The following identifies the rate elements offered, where facilities exist, for CSME.

a. Standard Features

Standard Feature rate element is assessed per interface at bandwidth of 10 Mbps, 100 Mbps or 1 Gbps. The CSME standard feature rate element include the physical connection between the customer's demarcation and the core Ethernet network, and a port on the NTE.

b. Ethernet Virtual Connection (EVC)

EVC rate element is assessed in 1 Mbps increments ranging from 5 Mbps to 1 Gbps.

c. Additional Media Access Control (MAC) Addresses

MAC Addresses rate element is a data link layer protocol used for Layer 2 connectivity and is assessed per MAC address up to 150 per port at no additional charge. Should the customer require additional MAC addresses over the first 150, customers will be assessed an additional charge per block of 150–200 addresses with a limit of 200 MAC addresses per port as specified in E. Rates and Charges, following.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**C. Rate Regulations (cont'd)**

1. Rate Elements (cont'd)

The following identifies the rates elements offered, where facilities exist for CSME. (Cont'd)

d. Service Order Change Charge

Service Order Change Charge is assessed for pending service order and is assessed per location:

- (1) Changes in physical and usage configurations, such as increases in bandwidth usage or changes in the type of connection ordered.
- (2) Ethernet Virtual Connection changes
- (3) Port Changes include upgrading a port from 10/100 Base T to a 1 Gbps port or increasing the limit on the number of MAC Addresses that can be used with a port.

e. Service Order Cancellation

If the customer cancels service prior to installation being completed, a Service Order Cancellation Charge (per port, per location) will apply, in addition to any unpaid Special Construction charges that the Company has incurred.

f. Service Order Expedite

Service Order Expedite Charge is assessed per location when customer requests service to be installed sooner than the Company/Customer agreed upon due date. Service can only be expedited if the Company can accommodate the request.

g. Repeater

Repeater charge is assessed per location when customer requests CSME service from a serving wire center not equipped to provide CSME service and if the technical review indicates that service can be provided using a repeater from the customer's location to the Ethernet network.

h. Miscellaneous Change Charge

Miscellaneous Change Charge is assessed per location when customer requests changes to their existing CSME service:

- (1) Changes in physical and usage configurations, such as increases in bandwidth usage or changes in the type of connection ordered.
- (2) Ethernet Virtual Connection changes
- (3) Port Changes include upgrading a port from 10/100 Base T to a 1 Gbps port or increasing the limit on the number of MAC Addresses that can be used with a port.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**C. Rate Regulations (cont'd)**

1. Rate Elements (cont'd)

i. Meet-Point Billing Options

Meet-Point is available in two configurations:

Direct LEC Connection is provisioned using a standard CSME Connection, plus Mileage. The mileage is measured in airline miles from the CSME switch location to the ILEC (ICO) meet-point location.

GigE ICO Trunking Arrangement applies an ICO Trunk Connection Charge between the CSME switch location and the ICO meet-point location that is shared with the ILEC (ICO) Ethernet switch. The ICO Trunk Connection Charge is applied to each customer Ethernet Virtual Connection (EVC) that is transported on the GigE trunk backbone to the ICO meet-point. The ICO Trunk Mileage charge is applicable to each customer Ethernet Virtual Connection (EVC) transported across the GigE trunk when mileage exceeds 10 miles. Mileage is calculated from the CSME switch location to the ICO meet-point location.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan (TPP)

a. General

CSME Term Pricing Plan (TPP) provides the customer with rate stabilization and discounted tariff rates. The CSME TPP provides for three (3) and five (5) year terms. Monthly extension will only be offered when a term contract has expired and the customer has not yet signed another term contract.

CSME TPP monthly rates will be exempt from Company initiated rate increases throughout the selected service period. Should the Company increase its rates during the CSME TPP service period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the CSME TPP.

Decreases in CSME TPP monthly recurring tariff rates will be passed on to customers who participate in a CSME TPP.

b. Renewal of Term Pricing Plan

At the end of a Term Pricing Plan, the customer may renew with a written notice of intent to renew no later than 90 days prior to its expiration, for any TPP in effect without incurring new nonrecurring charges.

If the customer elects not to renew the TPP or does not notify the Company of its intent to renew the TPP, the service will automatically be billed under the Monthly Extension rates in effect at the time the TPP expires until the customer cancels or renews the service with a new TPP term. Subsequently, customers under the Monthly Extension rates may convert their existing service to either a three (3) or five (5) year TPP. The customer will not be assessed any associated non-recurring charges as long as the physical serving arrangement does not change.

Monthly Extensions are not available to new service.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

C. Rate Regulations (cont'd)

2. Term Pricing Plan (TPP)

a. General

CSME Term Pricing Plan (TPP) provides the customer with rate stabilization and discounted rates. The CSME TPP provides for three (3) and five (5)^{/1/} year terms. Monthly extension will only be offered when a term contract has expired and the customer has not yet signed another term contract. (C)

CSME TPP monthly rates will be exempt from Company initiated rate increases throughout the selected service period. Should the Company increase its rates during the CSME TPP service period, the customer would continue to pay the rates in effect at the time the customer elected to establish service under the CSME TPP.

Decreases in CSME TPP monthly recurring rates will be passed on to customers who participate in a CSME TPP. (C)

b. Renewal of Term Pricing Plan

At the end of a Term Pricing Plan, the customer may renew with a written notice of intent to renew no later than 90 days prior to its expiration, for any TPP in effect without incurring new nonrecurring charges.

If the customer elects not to renew the TPP or does not notify the Company of its intent to renew the TPP, the service will automatically be billed under the Monthly Extension rates in effect at the time the TPP expires until the customer cancels or renews the service with a new TPP term. Subsequently, customers under the Monthly Extension rates may convert their existing service to either a three (3) or five (5)^{/1/} year TPP. The customer will not be assessed any associated non-recurring charges as long as the physical serving arrangement does not change. (C)

Monthly Extensions are not available to new service.

/1/ As of November 15, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers. (N)
(N)

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan (TPP) (cont'd)

c. Change of Term Pricing Plan

At any time, a customer may change an existing TPP to a new TPP only when the new TPP payment period is longer than the remaining period currently in effect, without any Termination Liability Charges or nonrecurring charges applying as long as all other aspects of the service and facilities remain unchanged. The new TPP begins on the service order completion date and is treated as a new TPP period.

d. Service Available Under CSME TPP

A customer may elect to participate in the CSME TPP for the CSME Standard Features and Repeater rate elements only.

e. Terms and Conditions

Customers must specify the length of the service period at the time the CSME is established.

Customers may move their existing service to a new location without incurring termination charges provided all of the following conditions are met:

- (1) The customer maintains the existing TPP at the new location or establishes a new TPP equal to or greater than at the old location;
- (2) During the Term Payment Plan, a customer may move CSME location to another premises in the same LATA and keep the Term Plan in force without assessment of Early Termination Liability, provided no lapse in billing occurs;
- (3) The customer's request for disconnect at the existing location and the request for service at the new location are received at the same time;

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan (TPP) (cont'd)

e. Terms and Conditions (cont'd)

Customers may move their existing service to a new location without incurring termination charges provided all of the following conditions are met: (Cont'd)

- (4) The customer's disconnect order for the existing service references the new connect order for the new service;
- (5) Moves of one location to a premise in a different serving office may result in a change in the monthly charges. Nonrecurring charges, as appropriate, are applicable as set forth in Section D. Rates and Charges, following;
- (6) If the customer moves more than one location of the service concurrently the customer will be liable for Termination Liability charges as this is considered a complete disconnect of the service.

Customers will be allowed to upgrade from CSME to OPT-E-MAN® Service without incurring termination charges provided all of the following conditions are met:

- (1) Customers must request a disconnect order for the existing CSME locations and request a new connect order for OPT-E-MAN® at the same location.
- (2) The term of the new OPT-E-MAN® Service TPP must be equal to or greater than the remaining term on the existing CSME TPP.
- (3) The existing CSME service must be in service for a minimum of fifteen (15) months for a three (3) year TPP or eighteen (18) months for a five (5) year TPP.
- (4) Upgrade to OPT-E-MAN® is subject to the availability of fiber from premise to premise and the availability of OPT-E-MAN® Service. Where facilities and/or operating conditions are not available, Special Construction charges as set forth in Schedule Cal.P.U.C. No. 175-T, Section 15. may apply.
- (5) Customer's network configuration must be remain the same. The number of OPT-E-MAN® locations must be equal to or greater than the current number of CSME locations.
- (6) A minimum of 50% of the bandwidth connection for each individual connection must ordered and maintained for OPT-E-MAN®. Example:

Customer has a 1 Gbps CSME bandwidth connection, customer is required to purchase a minimum 500 Mbps OPT-E-MAN® bandwidth connection.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan (TPP) (cont'd)

f. Termination Charges

In addition to any special construction liabilities, as set forth in Schedule Cal.P.U.C. 175-T, Section 15, customer termination liability for cancellation of CSME TPP shall be equal to:

- (1) Any unpaid Special Construction or nonrecurring charges (excluding any waived charges); plus
- (2) Fifty percent (50%) of all recurring charges for the remaining months of the customer's term which the customer agrees to pay within 30 days.
- (3) The termination charge is calculated as follows:

(Monthly Recurring Rate) x (Months remaining in TPP term) x (Termination Billing Period Percentage)

Example: A customer with a \$1,800.00 monthly rate terminates service with 10 months remaining in a 3 year TPP term.

The termination liability charges would be calculated as follows:
 $(\$1,800.00) \times (10) \times (.50) = \$9,000.00$

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan (TPP) (cont'd)

f. Termination Charges (cont'd)

Migration to AT&T Switched Ethernet ServiceSM

As of February 1, 2012, if the customer migrates from CSME Service to AT&T Switched Ethernet Service in accordance with all terms and conditions in the AT&T Interstate Access Guidebook applicable to AT&T Switched Ethernet Service, then the customer may do so without termination charges, given all of the following conditions are met:

- The customer must issue a disconnect order for their existing CSME service and place a service order for AT&T Switched Ethernet Service. If over-lapping service is required, billing will apply.
- Standard nonrecurring charges to install AT&T Switched Ethernet Service, if applicable, will apply.
- The term of the new contract must be equal to or greater than the remaining time left on the existing CSME contract **and** the Monthly Recurring Charge of the new AT&T Switched Ethernet Service must be equal to or greater than the Monthly Recurring Charge of the CSME Service being replaced.
- The new AT&T Switched Ethernet Service and the CSME service must be billed to the same customer of record at the same location(s).
- The customer's existing CSME service must have been in service at least 12 months.
- Migration is contingent on availability of fiber and equipment to serve the location being migrated. Other Special Construction charges, as necessary, may apply.
- If Special Construction charges were applicable to the existing CSME service being replaced, and those charges were not already paid, they must be carried forward to the new AT&T Switched Ethernet Service contract.

SM AT&T Switched Ethernet Service is a service mark of AT&T Intellectual Property.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)**C. Rate Regulations (cont'd)**

2. Term Pricing Plan (TPP) (cont'd)

f. Termination Charges (cont'd)

Migration to AT&T Switched Ethernet ServiceSM

A customer may migrate from CSME Service to AT&T Switched Ethernet Service (C)
without incurring Termination Charges, given all of the following conditions are met: (C)

- The customer must issue a disconnect order for their existing CSME service and place a service order for AT&T Switched Ethernet Service. If over-lapping service is required, billing will apply.
- Standard nonrecurring charges to install AT&T Switched Ethernet Service, if applicable, will apply.
- The term of the new contract must be equal to or greater than the remaining time left on the existing CSME contract **and** the Monthly Recurring Charge of the new AT&T Switched Ethernet Service must be equal to or greater than the Monthly Recurring Charge of the CSME Service being replaced.
- The new AT&T Switched Ethernet Service and the CSME service must be billed to the same customer of record at the same location(s).
- The customer's existing CSME service must have been in service at least 12 months.
- Migration is contingent on availability of fiber and equipment to serve the location being migrated. Other Special Construction charges, as necessary, may apply.
- If Special Construction charges were applicable to the existing CSME service being replaced, and those charges were not already paid, they must be carried forward to the new AT&T Switched Ethernet Service contract.

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6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

C. Rate Regulations (cont'd)

2. Term Pricing Plan (TPP) (cont'd)

f. Termination Charges (cont'd)

Migration to AT&T Switched Ethernet ServiceSM

A customer may migrate from CSME Service to AT&T Switched Ethernet Service without incurring Termination Charges, given all of the following conditions are met:

- The customer must issue a disconnect order for their existing CSME service and place a service order for AT&T Switched Ethernet Service. If over-lapping service is required, billing will apply.
- Standard nonrecurring charges to install AT&T Switched Ethernet Service, if applicable, will apply.
- The term of the new contract must be equal to or greater than the remaining time left on the existing CSME contract.
- The new AT&T Switched Ethernet Service and the CSME service must be billed to the same customer of record at the same location(s).
- The customer's existing CSME service must have been in service at least 12 months.
- Migration is contingent on availability of fiber and equipment to serve the location being migrated. Other Special Construction charges, as necessary, may apply.
- If Special Construction charges were applicable to the existing CSME service being replaced, and those charges were not already paid, they must be carried forward to the new AT&T Switched Ethernet Service contract.

(C)
(D)
(D)

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6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

C. Rate Regulations (cont'd)

2. Term Pricing Plan (TPP) (cont'd)

f. Termination Charges (cont'd)

Migration to AT&T Switched Ethernet ServiceSM

Customers subscribing to CSME Service may migrate to AT&T Switched Ethernet Service provided by the Company without incurring termination liability, subject to the following conditions:

- The new AT&T Switched Ethernet Service and the existing CSME Service must be billed to the same customer of record at the same customer locations.
- The customer's existing service must have been in place for at least 12 months.
- The minimum term for the new service must be at least 12 months and must be equal to or greater than the number of months remaining in the customer's existing Term Payment Plan (TPP) term.
- The speed (capacity/bandwidth) of the new service must be equal to or greater than that of the existing service.
- The customer must issue a disconnect order for the replaced CSME Service to be effective within 90 days after the AT&T Switched Ethernet Service installation date. The disconnect and new orders must be coordinated through the Company.
- If overlapping service is required, the period will be limited to not more than 90 days and billing will apply to both services during the time both services are available.

(C)

(C)

SM AT&T Switched Ethernet Service is a service mark of AT&T Intellectual Property.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

D. Current Rates and Charges (cont'd)

	<u>Non-Recurring Charges</u>	<u>36 Months</u>	<u>60 Months</u>	<u>Monthly Extension</u>
Standard Features - per location				
10 Mbps Connection	\$1,600.00	\$1,170.00	\$1,100.00	\$1,550.00
Subsequent 10Mbps Connection ^{/1/}	1,150.00	950.00	800.00	1,200.00
100 Mbps Connection	1,925.00	1,665.00	1,600.00	2,500.00
Subsequent 100Mbps Connection ^{/1/}	1,200.00	1,200.00	1,025.00	1,560.00
1 Gbps	2,500.00	3,220.00	3,080.00	3,900.00

	<u>Non-Recurring Charges</u>	<u>Monthly Charges</u>
Ethernet Virtual Connection (EVC) - per connection	\$70.00	\$25.00

/1/ Any subsequent 10 Mbps or 100 Mbps Connections must be terminate at the same locations as the original 10 Mbps or 100 Mbps Connections.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

D. Current Rates and Charges (cont'd)

	<u>Nonrecurring Charges</u>	<u>36 Months</u>	<u>60^{/2/} Months</u>	<u>Monthly Extension</u>	(C)
Standard Features - per location					
10 Mbps Connection	\$1,600.00	\$1,170.00	\$1,100.00	\$1,550.00	
Subsequent 10Mbps Connection ^{/1/}	1,150.00	950.00	800.00	1,200.00	
100 Mbps Connection	1,925.00	1,665.00	1,600.00	2,500.00	
Subsequent 100Mbps Connection ^{/1/}	1,200.00	1,200.00	1,025.00	1,560.00	
1 Gbps	2,500.00	3,220.00	3,080.00	3,900.00	
		<u>Nonrecurring Charges</u>	<u>Monthly Charges</u>		
Ethernet Virtual Connection (EVC) - per connection		\$70.00	\$25.00		

/1/ Any subsequent 10 Mbps or 100 Mbps Connections must be terminate at the same locations as the original 10 Mbps or 100 Mbps Connections.

/2/ As of November 15, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers.

(N)
(N)

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

D. Current Rates and Charges (cont'd)

	<u>Non-Recurring Charge</u>	<u>Monthly Charge</u>
Additional MAC Addresses - 151-200	\$70.00	\$5.00
Service Order Change Charge	75.00	NA
Miscellaneous Change Charge	100.00	NA
Service Order Cancellation Charge	200.00	NA
Order Expedite	300.00	NA

	<u>Non-Recurring Charges</u>	<u>36 Months</u>	<u>60 Months</u>	<u>Monthly Extension</u>
Repeater	\$250.00	\$400.00	\$375.00	\$475.00

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

D. Current Rates and Charges (cont'd)

	<u>Nonrecurring Charges</u>	<u>Monthly Charges</u>
Additional MAC Addresses - 151-200	\$70.00	\$5.00
Service Order Change Charge	75.00	NA
Miscellaneous Change Charge	100.00	NA
Service Order Cancellation Charge	200.00	NA
Order Expedite	300.00	NA

	<u>Nonrecurring Charges</u>	<u>36 Months</u>	<u>60^{/1/} Months</u>	<u>Monthly Extension</u>	(C)
Repeater	\$250.00	\$400.00	\$375.00	\$475.00	

/1/ As of November 15, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers.

(N)
(N)

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

D. CURRENT RATES AND CHARGES (cont'd)

	<u>Nonrecurring Charge</u>	<u>Monthly Charge</u>
Meet-Point Billing Options		
- Direct LEC Connection, Mileage		
Above 0 and inclusive of 10 miles	\$1,200.00	\$500.00
Above 10 and inclusive of 25 miles	1,200.00	1,000.00
Above 25 and inclusive of 35 miles	1,200.00	1,500.00
Above 35 and inclusive of 50 miles	1,200.00	2,500.00
	<u>Nonrecurring Charge</u> ^{/1/}	<u>36 Months</u>
		<u>60 Months</u>
		<u>Monthly Extension</u>
- GigE ICO Trunking Arrangement		
ICO Trunk Connection Charge, per EVC		
10 Mbps	\$525.00	\$420.00
100 Mbps	800.00	\$360.00
1 Gbps	1,100.00	720.00
		1,290.00
		7,360.00

/1/ Nonrecurring charges will be waived for those customers selecting the 36 or 36 or 60 month Term Pricing Plan (TPP) period for new service.

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

D. Current Rates and Charges (cont'd)

	<u>Nonrecurring Charge</u>	<u>Monthly Charge</u>			
Meet-Point Billing Options					
- Direct LEC Connection, Mileage					
Above 0 and inclusive of 10 miles	\$1,200.00	\$500.00			
Above 10 and inclusive of 25 miles	1,200.00	1,000.00			
Above 25 and inclusive of 35 miles	1,200.00	1,500.00			
Above 35 and inclusive of 50 miles	1,200.00	2,500.00			
	<u>Nonrecurring Charge</u> ^{/1/}		<u>36 Months</u>	<u>60</u> ^{/2/} <u>Months</u>	<u>Monthly Extension</u> (C)
- GigE ICO Trunking Arrangement					
ICO Trunk Connection Charge, per EVC					
10 Mbps	\$525.00		\$420.00	\$360.00	\$660.00
100 Mbps	800.00		840.00	720.00	1,290.00
1 Gbps	1,100.00		4,830.00	4,100.00	7,360.00

/1/ Nonrecurring charges will be waived for those customers selecting the 36 or 60^{/2/} month Term Pricing Plan (TPP) period for new service. (C)

/2/ As of November 15, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers. (N)
(N)

6. CUSTOMIZED SWITCHED METRO ETHERNET (CSME) SERVICE (cont'd)

D. Current Rates and Charges (cont'd)

	<u>Monthly Charge</u>
Meet-Point Billing Options (cont'd)	
- GigE ICO Trunking Arrangement (cont'd)	
ICO Trunk Mileage, per EVC	
Above 0 and inclusive of 10 miles	N/A
Above 10 and inclusive of 25 miles	
10 Mbps	\$170.00
100 Mbps	375.00
1 Gbps	1,500.00
Above 25 and inclusive of 35 miles	
10 Mbps	270.00
100 Mbps	675.00
1 Gbps	1,750.00
Above 35 and inclusive of 50 miles	
10 Mbps	410.00
100 Mbps	1,100.00
1 Gbps	2,000.00

1. DIRECTORY NUMBER CALL FORWARDING**A. DESCRIPTION**

Directory Number Call Forwarding (DNCF) allows a Facility Based CLC's customer to retain their existing Company telephone number when that customer changes their local service provider from the Company to a Facility Based Competitive Local Carrier (CLC) and chooses to disconnect their former Company service associated with the Company telephone number. DNCF permits calls made to the Facility Based CLC's customer's retained telephone number to be forwarded to a new telephone number assigned and provided by the Facility Based CLC. The Facility Based CLC may subscribe to a maximum of 99 access paths for each DNCF number.

B. REGULATIONS**1. General**

- a. Rules and Regulations set forth in this Guidebook are in addition to Rules and Regulations set forth in the Company's Tariff Schedules and/or Guidebook for Network and Exchange Services and in some cases supersede those rules.

The following Regulations set forth in Schedule Cal.P.U.C. No. 175-T are applicable to DNCF and for DNCF supersede those in the Company's Tariff Schedules and/or Guidebook for Network and Exchange Services:

- Section 2.1.2 Limitations
- Section 2.1.3 Liability
- Section 2.1.4 (B) Provision of Services
- Section 2.1.6 Maintenance of Services
- Section 2.1.8 Refusal and Discontinuance of Service
- Section 2.1.11 Notification of Service-Affecting Activities
- Section 2.1.12 Coordination with Respect to Network Contingencies
- Section 2.2.2 Interference or Impairment
- Section 2.2.3 Unlawful Use
- Section 2.3.1 Damages
- Section 2.3.1 Damages

1. DIRECTORY NUMBER CALL FORWARDING (cont'd)

B. REGULATIONS (cont'd)

1. GENERAL (cont'd)

- a. Rules and Regulations set forth in this Guidebook are in addition to Rules and Regulations set forth in the Company's Tariff Schedules and/or Guidebook for Network and Exchange Services and in some cases supersede those rules. The following Regulations set forth in Schedule Cal.P.U.C. No. 175-T are applicable to DNCF and for DNCF supersede those in the Company's Tariff Schedules and/or Guidebook for Network and Exchange Services: (cont'd)

Section 2.3.2 Ownership of Facilities and Theft

Section 2.3.3 Equipment Space and Power

Section 2.3.11 Claims and Demands for Damages

Section 2.3.13 Coordination with respect to Network Contingencies

Section 2.4.1 Payment of Rates, Charges and Deposits

Section 2.4.2 Minimum Periods

Section 2.4.3 Cancellation of an Order for Service

Section 2.4.4 Credit Allowance for Service Interruptions

Section 2.4.6 Re-establishment of Service Following Fire, Flood or Other Occurrence

Section 2.4.11 Application of Surcharges

Section 5.1.1 Ordering Conditions

Section 5.1.2 Provision of Other Services

Section 5.2.2 Access Order Modifications

Section 5.2.3 Cancellation of an Access Order

Section 5.2.5 Minimum Period

Section 5.2.6 Minimum Period Charges

Section 5.2.8 (A) Service Rearrangements

Section 5.3 Available Inventory

Section 13.2 Additional Labor

- b. Inside Wire as set forth in Guidebook, Part 8, Section 8 or 175-T, Section 2.1.6 is not available with DNCF service.

1. DIRECTORY NUMBER CALL FORWARDING (cont'd)

B. REGULATIONS (cont'd)

1. General (cont'd)

- c. The Company will not charge message charges as set forth in Guidebook Part 4, Section 2 and Part 9, Section 1 respectively, to that portion of the call from the DNCF number to the terminating CLC switch¹.
- d. The CLC will not charge the Company any terminating interconnection charges for calls delivered by the Company to the CLC using DNCF¹.
- e. DNCF is available only in 1AESS, 5ESS and DMS-100 central offices and will only be provided from the central office that serves the retained telephone number. DNCF is available only where facilities and operating conditions permit. In 1AESS switch types, the standard is one access path per DNCF arranged due to technical limitations. Requests for additional paths must be negotiated.
- f. A DNCF number is available only to those CLCs that have received a Certificate of Public Convenience and Necessity (CPCN) and who have been authorized by the California Public Utilities Commission to provide local exchange services.
- g. Per Cal.P.U.C. Resolution T-15932, it is the responsibility of the CLC to comply with Section 2889.5 of the Public Utilities Code.
- h. It is the responsibility of the CLC to insure that both the Company assigned DNCF number, and the forwarded to number provided by the CLC have the correct information of the CLC's customer loaded in the E911 Access Line Information (ALI) data base, to permit address retrieval by the Primary Service Answering Point (PSAP).
- i. Directory Number Call Forwarding is an interim number portability service, provided on an interim basis until permanent number portability service is implemented.

/1/ These proposed terms are subject to a final determination in the California Public Utilities Commission's OANAD proceeding.

1. DIRECTORY NUMBER CALL FORWARDING (cont'd)

B. REGULATIONS (cont'd)

1. General (cont'd)

- i. Except for the optional services specified in this Guidebook, (C. 1.,2., 3.), Directory Number Call Forwarding is not available with all of the services available to Network and Exchange grades and classes of service listed in the Guidebook.
- j. A local interconnection service must be established to provide the exchange of voice telephone traffic, that includes calls forwarded by DNCF from the Company's switch to the CLC's switch. The CLC must provide to the Company, information to permit the Company to request the required incremental trunk capacity to meet the expected DNCF demand.
- k. DNCF may be subject to transmission limitations, so that the quality of the transmission of calls which are forwarded may vary depending on the network routing necessary to complete each call to the CLC switch. The Company does not guarantee the transmission of data information over DNCF Service.
- l. The installation charge and monthly rate are applicable to each DNCF service.
- m. DNCF only applies when the CLC's customer remains in the same physical location or a location within the same area served by the Company serving central office. If the CLC's customer changes their physical location to a location associated with a different serving central office, the DNCF must be disconnected.
- n. Busy Line Verification and Interrupt is not available with DNCF due to technological and manual limitations.
- o. A CLC may order up to a maximum of 99 call paths associated with the same CLC customer for a single CLC number.
- p. In exception to regulation i. in this Guidebook, DNCF is available to numbers that were in service as Remote Call Forwarding service as described in Guidebook, Part 7, Section 4 and Foreign Exchange Service as described in Guidebook, Part 4, Section 3, preceding.
- q. DNCF is available to facilities based and non-facilities based CLCs.

7. DIRECTORY NUMBER CALL FORWARDING (cont'd)

(C)

B. REGULATIONS (cont'd)

1. General (cont'd)

- i. Except for the optional services specified in this Guidebook, (C. 1.,2., 3.), Directory Number Call Forwarding is not available with all of the services available to Network and Exchange grades and classes of service listed in the Guidebook.
- j. A local interconnection service must be established to provide the exchange of voice telephone traffic, that includes calls forwarded by DNCF from the Company's switch to the CLC's switch. The CLC must provide to the Company, information to permit the Company to request the required incremental trunk capacity to meet the expected DNCF demand.
- k. DNCF may be subject to transmission limitations, so that the quality of the transmission of calls which are forwarded may vary depending on the network routing necessary to complete each call to the CLC switch. The Company does not guarantee the transmission of data information over DNCF Service.
- l. The installation charge and monthly rate are applicable to each DNCF service.
- m. DNCF only applies when the CLC's customer remains in the same physical location or a location within the same area served by the Company serving central office. If the CLC's customer changes their physical location to a location associated with a different serving central office, the DNCF must be disconnected.
- n. Busy Line Verification and Interrupt is not available with DNCF due to technological and manual limitations.
- o. A CLC may order up to a maximum of 99 call paths associated with the same CLC customer for a single CLC number.
- p. In exception to regulation i. in this Guidebook, DNCF is available to numbers that were in service as Remote Call Forwarding service as described in Guidebook, Part 7, Section 4 and Foreign Exchange Service as described in Guidebook, Part 4, Section 3, preceding.
- q. DNCF is available to facilities based and non-facilities based CLCs.

1. DIRECTORY NUMBER CALL FORWARDING (cont'd)

C. OPTIONAL SERVICES

1. Directory Listings or Directory Assistance Listings

A Directory Listing for DDCF numbers will be furnished as a primary listing in the alphabetical (white) section of the telephone directory that serves the exchange in which the DDCF number is located, and/or a Directory Assistance Listing (only) will be furnished (DDCF numbers included in the directory assistance data base) as set forth in Schedule Cal.P.U.C. No. 175-T, Section 9.3.

2. Alternate Billing Services

- a. Collect calls to the DDCF number will be allowed upon request of the CLC, otherwise collect calls will be blocked. The CLC is responsible for billing it's customer.
- b. Bill to Third Party calls to the DDCF number will be allowed upon request of the CLC, otherwise Bill to Third Party calls will be blocked. The CLC is responsible for billing it's customer.

7. DIRECTORY NUMBER CALL FORWARDING (cont'd)

(C)

C. OPTIONAL SERVICES

1. Directory Listings or Directory Assistance Listings

A Directory Listing for DDCF numbers will be furnished as a primary listing in the alphabetical (white) section of the telephone directory that serves the exchange in which the DDCF number is located, and/or a Directory Assistance Listing (only) will be furnished (DDCF numbers included in the directory assistance data base) as set forth in Schedule Cal.P.U.C. No. 175-T, Section 9.3.

2. Alternate Billing Services

- a. Collect calls to the DDCF number will be allowed upon request of the CLC, otherwise collect calls will be blocked. The CLC is responsible for billing it's customer.
- b. Bill to Third Party calls to the DDCF number will be allowed upon request of the CLC, otherwise Bill to Third Party calls will be blocked. The CLC is responsible for billing it's customer.

1. DIRECTORY NUMBER CALL FORWARDING (cont'd)

C. OPTIONAL SERVICES (cont'd)

3. D NCF Number Referral Service

An automated announcement for disconnected D NCF, that repeats the called number, provides status of the called number and information on how to reach the called party. The CLC is responsible for providing the Company with information for reaching it's customer.

D NCF Referral Service is available to the CLC's end-user customer where facilities and operating conditions of the Company permit.

The disconnected D NCF will be kept dedicated for the CLC's customer selected period of the referral unless the Company determines it necessary to reassign and use the disconnected D NCF number as specified in Schedule Cal.P.U.C. No. A2.1.17.

If requested by the CLC at the termination of D NCF service, D NCF Number Referral Service will be provided at no charge. Unless the CLC orders Number Referral Service for it's customer upon disconnection of the D NCF service, there will be no referral of calls.

1. DIRECTORY NUMBER CALL FORWARDING (cont'd)

D. RATES AND CHARGES

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
1. Directory Number Call Forwarding			
Residence - Per telephone number per	NO	NO	NPCFR

1. DIRECTORY NUMBER CALL FORWARDING (cont'd)

D. RATES AND CHARGES (cont'd)

1. Directory Number Call Forwarding (cont'd)

	<u>Installation Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
1. Directory Number Call Forwarding			
Business			
- Per telephone number per	NO	NO	NPCFR

1. DIRECTORY NUMBER CALL FORWARDING (cont'd)

D. RATES AND CHARGES (cont'd)

2. Miscellaneous Change Charge

	<u>Nonrecurring</u> ¹ <u>Charge</u>	<u>USOC</u>
Charge to change the forwarded to telephone number, change number of access paths for DNCF, and/or to change Alternate Billing Services	\$ 4.15	DNCFC

/1/ This nonrecurring charge is interim as set forth in D.96-04-052 and is subject to final determination in the California Public Utilities Commission's OANAD proceeding.

7. DIRECTORY NUMBER CALL FORWARDING (cont'd) (C)

D. RATES AND CHARGES (cont'd)

2. Miscellaneous Change Charge

	<u>Nonrecurring</u> ^{/1/} <u>Charge</u>	<u>USOC</u>	(C)
Charge to change the forwarded to telephone number, change number of access paths for DNCF, and/or to change Alternate Billing Services	\$ 4.15	DNCFC	

/1/ This nonrecurring charge is interim as set forth in D.96-04-052 and is subject to final determination in the California Public Utilities Commission's OANAD proceeding.

1. DIRECTORY NUMBER CALL FORWARDING (cont'd)

D. RATES AND CHARGES (cont'd)

3. OPTIONAL SERVICES

	<u>Installation¹ Charge</u>	<u>Monthly¹ Rate</u>	<u>USOC</u>
(a) DNCF Referral Service ^{2,3}			
Residence Numbers			
First telephone number			
- First 3 month period	NO	NA	
- Each additional month	NO	\$1.37	NPRFR
Each additional telephone number			
- First and additional month(s), each number	NO	\$1.37	NPRFR
(b) DNCF Referral Service ^{2,3}			
Business Numbers			
First telephone number			
- First month	NO	NA	
- Each month up to 12 months or new directory issue date, whichever is longer	NO	NA	
- Each month beyond 12 months or new directory, whichever is longer	NO	\$1.10	NPRFB
Each additional telephone number			
- First and additional months, each number	NO	\$1.10	NPRFB

/1/ These charges are interim as set forth in D.96-04-052 and are subject to final determination in the California Public Utilities Commission's OANAD proceeding.

/2/ Rate for Basic Referral Service as described in Guidebook, Part 11, Section 4. Sequential, Non-sequential, Single Number and Operator Referral Services are not available.

/3/ Charges to change an established referral of call information only will apply as set forth in Guidebook, Part 3, Section 1.3, C.2.

8. REMOTE LAN SERVICES (RLAN) (Cont'd)**Table of Contents for RLAN**

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8. REMOTE LAN SERVICES (RLAN) (Cont'd)**8.3 GENERAL TERMS (Cont'd)****8.3.8 General Term No. 8 - Re-Establishment Of Service**

In the event of an emergency or disaster, such as an earthquake, flood, fire, civil disturbance, or other similar catastrophe, the Company may, at its sole discretion, for a period of not more than ninety days, elect to provide specified Remote LAN services at no charge to Customers affected by the emergency/disaster.

8.3.9 General Term No. 9 - Funds Provided Under The American Recovery And Reinvestment Act of 2009 (ARRA)

Under certain circumstances, funds provided under the American Recovery and Reinvestment Act of 2009 (ARRA) may be subject to certain restrictions, requirements and reporting obligations. AT&T may be subject to some of these restrictions, requirements and reporting obligations when Services and Service Components are purchased or paid for with ARRA funds. In order to comply with the restrictions, requirements and reporting obligations associated with the use of ARRA funds (if any), AT&T must be apprised of them before provisioning or accepting payment for the Services or Service Components. Accordingly, the Services and Service Components provided under this Terms and Conditions For Intrastate Remote LAN Services shall not be used to support the performance of any portion of a project or program which has been funded in whole or in part with grants, loans or payments made pursuant to the ARRA, without the prior written agreement of AT&T and Customer regarding any specifically applicable terms, conditions and requirements. Customer shall provide AT&T with prior written notice before placing any order or making any payment that may be funded in whole or in part with ARRA funds. If Customer fails to provide such prior written notice of ARRA funding; or if the parties cannot agree on the terms and conditions (if any) applicable to an ARRA funded order or payment; or if any terms, conditions or requirements (other than those to which AT&T specifically agrees in such separate writing) are found to be applicable, then AT&T may, in its sole discretion, reject such order or payment or immediately terminate provision of any affected Service or Service Component without further liability or obligation.

8. REMOTE LAN SERVICES (RLAN) (Cont'd)**8.4 SECTION 4 – ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) SERVICE (Cont'd)****8.4.1 Service Description****B. General Regulations**

- (1) ADSL Service, when purchased from this Guidebook, may not be used in connection with an interstate application. ADSL Service which is used for interstate applications is provided only from the Company's interstate service offering. The interstate classification is determined by the origination and termination of the communication, including the set-up and actual transmission.
- (2) The End-User will be connected to ADSL Service at the same Network Interface Device employed by AT&T California for applicable voice service which are limited to 1MR, 1FR, 1MS, 1MB, and 1ML service.
- (3) ADSL Service provides connectivity from the End-User's local exchange service to a host computer, i.e. a corporation's internal data network via the Company's ATM Cell Relay Service.
- (4) The rules and regulations specified herein for ADSL Service are in addition to the applicable rules and regulations found in this Guidebook and other Company tariffs.
- (5) The rates for ADSL Service as found in Sections 8.4.3.2, 8.4.3.3 and 8.4.3.4 are in addition to applicable rates and charges, rules and regulations for Customer's local exchange service as found in the AT&T California Local Exchange A Tariff and/or this Guidebook.
- (6) ADSL orders can only be accepted if the line is specified and available for provisioning.
- (7) If the Company has reason to believe that permitting the commencement or continuation of providing ADSL in this Guidebook schedule is adversely affecting or would adversely affect the Company's ability to provide, complete or maintain the level of or quality of its services to its Customers, the Company may refuse to provide ADSL or may discontinue providing such service.

9. AT&T SWITCHED ETHERNET SERVICESM

A. Description

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. AT&T Switched Ethernet Service provides full duplex transport of data signals between a Customer's premises^{/1/} and an Ethernet switch in a Company central office.

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.

AT&T Switched Ethernet Service provides intraLATA transport service where suitable equipment and facilities are available. Where facilities are not available, facilities may be constructed, subject to certain conditions as determined by the Company. Special Construction charges may apply. The 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.

AT&T Switched Ethernet Service is available in two serving arrangements, the *Basic Service Arrangement* and the *Per Packet Class of Service (PPCoS) Arrangement*, and two types of Customer port connections, *Basic Ports* and *Per Packet Class of Service Ports*. Service will be provisioned using the service components described below. Unless specifically stated otherwise, all references to Customer Port Connections or ports shall be deemed to refer to Basic Ports and PPCoS Ports.

Basic Service Arrangement

This type of service provides transport of data using a fixed class of service for each Ethernet virtual connection.

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. The table below shows the CIR available for each Customer Port Connection.

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

/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.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

A. Description (Cont'd)

Basic Service Arrangement (Cont'd)

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 connections 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

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 50 MAC addresses per multipoint EVC on that 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 50 MAC addresses associated with each of those EVCs, for a total of 150 MAC addresses in use on that port, but each EVC is still limited to a maximum of 50 MAC addresses.

9. AT&T SWITCHED ETHERNET SERVICESM(Cont'd)

A. Description (Cont'd)

Per Packet Class of Service Arrangement (Cont'd)

Ethernet Virtual Circuits (EVC) (Cont'd)

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

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 50 MAC addresses per multipoint EVC on that 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 50 MAC addresses associated with each of those EVCs, for a total of 150 MAC addresses in use on that port, but each EVC is still limited to a maximum of 50 MAC addresses.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

B. Terms and Conditions

1. Unless otherwise specified in this section, the general terms and conditions of this Guidebook apply to AT&T Switched Ethernet Service.
2. A Customer shall not be permitted to temporarily suspend service.
3. The Company may use controls to limit the amount of multicast, broadcast, and unknown unicast traffic to protect the AT&T Switched Ethernet Service 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 described under *Optional Features and Functions*. 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 Company recommends that Customers enable controls for multicast, broadcast, and unknown unicast traffic within the Customer network(s).
4. **Frame Size**
AT&T Switched Ethernet Service will be configured to support Ethernet frame sizes up to 1526 bytes on a 100 Mbps port. For service provisioned on 1 Gbps and 10 Gbps ports the maximum frame size will be 9126 bytes. Frame sizes on 1 Gbps ports may be restricted to less than 9126 bytes when the port is provisioned at CIR speed of 10 Mbps or less but will allow at least 1526 bytes.
5. **Service Level Agreement (SLA)**
 - a. 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 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 (described under *Optional Features and Functions*).

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

/1/ This CoS is only offered as part of the PPCoS Package.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

B. Terms and Conditions

1. Unless otherwise specified in this section, the general terms and conditions of this Guidebook apply to AT&T Switched Ethernet Service.
2. A Customer shall not be permitted to temporarily suspend service.
3. The Company may use controls to limit the amount of multicast, broadcast, and unknown unicast traffic to protect the AT&T Switched Ethernet Service 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 described under *Optional Features and Functions*. 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 Company recommends that Customers enable controls for multicast, broadcast, and unknown unicast traffic within the Customer network(s).
4. **Frame Size**
AT&T Switched Ethernet Service will be configured to support Ethernet frame sizes up to 9126 bytes (C) on a 100 Mbps, 1 Gbps and 10 Gbps port. Frame sizes on 100 Mbps^{2/} and 1 Gbps ports may be (C) restricted to less than 9126 bytes when the port is provisioned at CIR speed of 10 Mbps or less but will allow at least 1526 bytes.
5. **Service Level Agreement (SLA)**
 - a. 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 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 (described under *Optional Features and Functions*).

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

/1/ This CoS is only offered as part of the PPCoS Package.

/2/ 100 Mbps ports installed prior to December 1, 2013 may be limited to 1526 bytes.

(N)

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

B. Terms and Conditions (Cont'd)

6. Service Element Descriptions

AT&T Switched Ethernet Service components and associated charges are as follows:

a. Basic Service Arrangement

Customer Port Connection (Basic Port)

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

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

The Customer must select a CIR for each Basic Port.

b. Per Packet Class of Service (PPCoS) Arrangement

Customer Port Connection (PPCoS Port)

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

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

The Customer must select a CIR for each PPCoS Port.

c. Optional Features and Functions

Additional MAC Addresses

A nonrecurring charge and monthly charge apply, per port, for increasing the MAC address limit to 100 MAC addresses per Multipoint EVC.

Regenerator

EPP monthly rates, nonrecurring charges and Term Extension MTM rates apply to Regenerators, as applicable.

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.

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.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

B. Terms and Conditions (Cont'd)

6. Service Element Descriptions (Cont'd)

c. Optional Features and Functions (Cont'd)

ICO NNI Arrangement

EPP monthly rates apply for each EVC provisioned on the ICO NNI Arrangement. The 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.

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.

d. Administrative Charge

The Administrative Charge is a nonrecurring charge that applies for each service order. The Administrative Charge will be waived for all orders requesting new service.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)**C. Features**Optional Features and FunctionsRegenerator

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 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.

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 described in 'Ethernet Virtual Connections (EVCs)' for the Basic Service Arrangement and Per Packet Class of Service Arrangement preceding) shall be increased from 50 to 100 for each multipoint EVC present on that port.

Alternate Serving Switch

The Alternate Serving Switch option allows Customers to order AT&T Switched Ethernet Service from an AT&T Switched Ethernet Service switch that is different from the AT&T Switched Ethernet Service 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 alternate switch wire center and the Customer's premises serving wire center.

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 Port Connections at the same Customer premises and an AT&T Switched Ethernet Service 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 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 switch. In the event of an outage affecting one of the designated Port Connections, the Customer will be responsible for rerouting 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.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)**C. Features (Cont'd)**Optional Features and Functions (Cont'd)Enhanced Multicast

The Enhanced Multicast feature allows the broadcast/multicast/unknown unicast (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 such 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.

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

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.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates

1. Service Elements

Basic Service Arrangement

Customer Port Connection – Basic Port								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
100 Mbps Port	EYQEX	\$1,925.00	\$780.00	\$750.00	\$650.00	\$610.00	\$575.00	\$925.00
1 Gbps Port	EYQFX	2,100.00	1,200.00	1,150.00	1,000.00	925.00	850.00	1,400.00
10 Gbps Port	EYQGX	15,750.00	10,000.00	9,500.00	7,500.00	6,500.00	5,750.00	10,500.00

Real Time Class of Service Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,150.00	\$510.00	\$460.00	\$460.00	\$460.00	\$1,200.00
4 Mbps CIR	R6E4X	150.00	1,175.00	550.00	500.00	500.00	500.00	1,275.00
5 Mbps CIR	R6EAX	150.00	1,250.00	650.00	590.00	590.00	590.00	1,350.00
8 Mbps CIR	R6E8X	150.00	1,275.00	750.00	680.00	680.00	680.00	1,375.00
10 Mbps CIR	R6EBX	150.00	1,345.00	1,010.00	910.00	910.00	910.00	1,475.00
20 Mbps CIR	R6EDX	150.00	1,880.00	1,300.00	1,180.00	1,180.00	1,180.00	2,070.00
50 Mbps CIR	R6EHX	150.00	2,090.00	1,460.00	1,320.00	1,320.00	1,320.00	2,300.00
100 Mbps CIR	R6ELX	150.00	2,370.00	1,650.00	1,500.00	1,500.00	1,500.00	2,620.00
150 Mbps CIR	R6ENX	150.00	3,020.00	1,780.00	1,610.00	1,610.00	1,610.00	3,330.00
250 Mbps CIR	R6EQX	150.00	3,350.00	2,340.00	2,120.00	2,120.00	2,120.00	3,700.00
500 Mbps CIR	R6ETX	150.00	3,890.00	2,720.00	2,470.00	2,470.00	2,470.00	4,280.00
600 Mbps CIR	R6EUX	150.00	4,430.00	3,100.00	2,810.00	2,810.00	2,810.00	4,880.00
1000 Mbps CIR	R6EZX	150.00	5,040.00	3,510.00	3,190.00	3,190.00	3,190.00	5,550.00
2000 Mbps CIR	R61BX	150.00	7,118.00	6,050.00	5,500.00	5,500.00	5,500.00	7,909.00
2500 Mbps CIR	R61CX	150.00	8,542.00	7,260.00	6,600.00	6,600.00	6,600.00	9,491.00
4000 Mbps CIR	R61FX	150.00	10,083.00	8,570.00	7,790.00	7,790.00	7,790.00	11,203.00
5000 Mbps CIR	R61HX	150.00	11,859.00	10,080.00	9,160.00	9,160.00	9,160.00	13,177.00
7500 Mbps CIR	R61NX	150.00	15,577.00	13,240.00	12,030.00	12,030.00	12,030.00	17,308.00
9500 Mbps CIR	R61RX	150.00	18,542.00	15,760.00	14,320.00	14,320.00	14,320.00	20,602.00
10000 Mbps CIR	R61SX	150.00	19,271.00	16,380.00	14,890.00	14,890.00	14,890.00	21,412.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Basic Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates

1. Service Elements

Basic Service Arrangement

Customer Port Connection – Basic Port								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
100 Mbps Port	EYQEX	\$1,925.00	\$780.00	\$750.00	\$650.00	\$610.00	\$575.00	\$925.00
1 Gbps Port	EYQFX	2,100.00	1,200.00	1,150.00	1,000.00	925.00	850.00	1,400.00
10 Gbps Port	EYQGX	15,750.00	10,000.00	9,500.00	7,500.00	6,500.00	5,750.00	10,500.00

Real Time Class of Service Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,150.00	\$510.00	\$460.00	\$460.00	\$460.00	\$1,200.00
4 Mbps CIR	R6E4X	150.00	1,175.00	550.00	500.00	500.00	500.00	1,275.00
5 Mbps CIR	R6EAX	150.00	1,250.00	650.00	590.00	590.00	590.00	1,350.00
8 Mbps CIR	R6E8X	150.00	1,275.00	750.00	680.00	680.00	680.00	1,375.00
10 Mbps CIR	R6EBX	150.00	1,345.00	1,010.00	910.00	910.00	910.00	1,475.00
20 Mbps CIR	R6EDX	150.00	1,880.00	1,300.00	1,180.00	1,180.00	1,180.00	2,070.00
50 Mbps CIR	R6EHX	150.00	2,090.00	1,460.00	1,320.00	1,320.00	1,320.00	2,300.00
100 Mbps CIR	R6ELX	150.00	2,370.00	1,650.00	1,500.00	1,500.00	1,500.00	2,620.00
150 Mbps CIR	R6ENX	150.00	3,020.00	1,780.00	1,610.00	1,610.00	1,610.00	3,330.00
250 Mbps CIR	R6EQX	150.00	3,350.00	2,340.00	2,120.00	2,120.00	2,120.00	3,700.00
400 Mbps CIR	R6ESX	150.00	3,675.00	2,570.00	2,330.00	2,330.00	2,330.00	4,050.00 (N)
500 Mbps CIR	R6ETX	150.00	3,890.00	2,720.00	2,470.00	2,470.00	2,470.00	4,280.00
600 Mbps CIR	R6EUX	150.00	4,430.00	3,100.00	2,810.00	2,810.00	2,810.00	4,880.00
1000 Mbps CIR	R6EZX	150.00	5,040.00	3,510.00	3,190.00	3,190.00	3,190.00	5,550.00
2000 Mbps CIR	R61BX	150.00	7,118.00	6,050.00	5,500.00	5,500.00	5,500.00	7,909.00
2500 Mbps CIR	R61CX	150.00	8,542.00	7,260.00	6,600.00	6,600.00	6,600.00	9,491.00
4000 Mbps CIR	R61FX	150.00	10,083.00	8,570.00	7,790.00	7,790.00	7,790.00	11,203.00
5000 Mbps CIR	R61HX	150.00	11,859.00	10,080.00	9,160.00	9,160.00	9,160.00	13,177.00
7500 Mbps CIR	R61NX	150.00	15,577.00	13,240.00	12,030.00	12,030.00	12,030.00	17,308.00
9500 Mbps CIR	R61RX	150.00	18,542.00	15,760.00	14,320.00	14,320.00	14,320.00	20,602.00
10000 Mbps CIR	R61SX	150.00	19,271.00	16,380.00	14,890.00	14,890.00	14,890.00	21,412.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Basic Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

Basic Service Arrangement (Cont'd)

Interactive Class of Service Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,075.00	\$470.00	\$425.00	\$425.00	\$425.00	\$1,100.00
4 Mbps CIR	R6E4X	150.00	1,100.00	520.00	465.00	465.00	465.00	1,175.00
5 Mbps CIR	R6EAX	150.00	1,175.00	610.00	550.00	550.00	550.00	1,250.00
8 Mbps CIR	R6E8X	150.00	1,200.00	700.00	635.00	635.00	635.00	1,275.00
10 Mbps CIR	R6EBX	150.00	1,270.00	940.00	850.00	850.00	850.00	1,375.00
20 Mbps CIR	R6EDX	150.00	1,630.00	1,210.00	1,100.00	1,100.00	1,100.00	1,800.00
50 Mbps CIR	R6EHX	150.00	1,810.00	1,350.00	1,225.00	1,225.00	1,225.00	2,000.00
100 Mbps CIR	R6ELX	150.00	2,060.00	1,540.00	1,400.00	1,400.00	1,400.00	2,270.00
150 Mbps CIR	R6ENX	150.00	2,620.00	1,650.00	1,500.00	1,500.00	1,500.00	2,890.00
250 Mbps CIR	R6EQX	150.00	2,910.00	2,180.00	1,975.00	1,975.00	1,975.00	3,210.00
500 Mbps CIR	R6ETX	150.00	3,380.00	2,530.00	2,300.00	2,300.00	2,300.00	3,720.00
600 Mbps CIR	R6EUX	150.00	3,850.00	2,890.00	2,625.00	2,625.00	2,625.00	4,240.00
1000 Mbps CIR	R6EZX	150.00	4,380.00	3,280.00	2,975.00	2,975.00	2,975.00	4,820.00
2000 Mbps CIR	R61BX	150.00	6,659.00	5,660.00	5,140.00	5,140.00	5,140.00	7,399.00
2500 Mbps CIR	R61CX	150.00	7,977.00	6,780.00	6,160.00	6,160.00	6,160.00	8,863.00
4000 Mbps CIR	R61FX	150.00	9,424.00	8,010.00	7,280.00	7,280.00	7,280.00	10,471.00
5000 Mbps CIR	R61HX	150.00	11,083.00	9,420.00	8,560.00	8,560.00	8,560.00	12,314.00
7500 Mbps CIR	R61NX	150.00	14,553.00	12,370.00	11,240.00	11,240.00	11,240.00	16,170.00
9500 Mbps CIR	R61RX	150.00	17,318.00	14,720.00	13,380.00	13,380.00	13,380.00	19,242.00
10000 Mbps CIR	R61SX	150.00	18,012.00	15,310.00	13,910.00	13,910.00	13,910.00	20,014.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Basic Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

Basic Service Arrangement (Cont'd)

Interactive Class of Service Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,075.00	\$470.00	\$425.00	\$425.00	\$425.00	\$1,100.00
4 Mbps CIR	R6E4X	150.00	1,100.00	520.00	465.00	465.00	465.00	1,175.00
5 Mbps CIR	R6EAX	150.00	1,175.00	610.00	550.00	550.00	550.00	1,250.00
8 Mbps CIR	R6E8X	150.00	1,200.00	700.00	635.00	635.00	635.00	1,275.00
10 Mbps CIR	R6EBX	150.00	1,270.00	940.00	850.00	850.00	850.00	1,375.00
20 Mbps CIR	R6EDX	150.00	1,630.00	1,210.00	1,100.00	1,100.00	1,100.00	1,800.00
50 Mbps CIR	R6EHX	150.00	1,810.00	1,350.00	1,225.00	1,225.00	1,225.00	2,000.00
100 Mbps CIR	R6ELX	150.00	2,060.00	1,540.00	1,400.00	1,400.00	1,400.00	2,270.00
150 Mbps CIR	R6ENX	150.00	2,620.00	1,650.00	1,500.00	1,500.00	1,500.00	2,890.00
250 Mbps CIR	R6EQX	150.00	2,910.00	2,180.00	1,975.00	1,975.00	1,975.00	3,210.00
400 Mbps CIR	R6ESX	150.00	3,195.00	2,390.00	2,170.00	2,170.00	2,170.00	3,520.00 (N)
500 Mbps CIR	R6ETX	150.00	3,380.00	2,530.00	2,300.00	2,300.00	2,300.00	3,720.00
600 Mbps CIR	R6EUX	150.00	3,850.00	2,890.00	2,625.00	2,625.00	2,625.00	4,240.00
1000 Mbps CIR	R6EZX	150.00	4,380.00	3,280.00	2,975.00	2,975.00	2,975.00	4,820.00
2000 Mbps CIR	R61BX	150.00	6,659.00	5,660.00	5,140.00	5,140.00	5,140.00	7,399.00
2500 Mbps CIR	R61CX	150.00	7,977.00	6,780.00	6,160.00	6,160.00	6,160.00	8,863.00
4000 Mbps CIR	R61FX	150.00	9,424.00	8,010.00	7,280.00	7,280.00	7,280.00	10,471.00
5000 Mbps CIR	R61HX	150.00	11,083.00	9,420.00	8,560.00	8,560.00	8,560.00	12,314.00
7500 Mbps CIR	R61NX	150.00	14,553.00	12,370.00	11,240.00	11,240.00	11,240.00	16,170.00
9500 Mbps CIR	R61RX	150.00	17,318.00	14,720.00	13,380.00	13,380.00	13,380.00	19,242.00
10000 Mbps CIR	R61SX	150.00	18,012.00	15,310.00	13,910.00	13,910.00	13,910.00	20,014.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Basic Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

Basic Service Arrangement (Cont'd)

Business Critical-High Class of Service Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,038.00	\$400.00	\$360.00	\$360.00	\$360.00	\$1,075.00
4 Mbps CIR	R6E4X	150.00	1,063.00	455.00	410.00	410.00	410.00	1,125.00
5 Mbps CIR	R6EAX	150.00	1,138.00	555.00	500.00	500.00	500.00	1,200.00
8 Mbps CIR	R6E8X	150.00	1,163.00	655.00	595.00	595.00	595.00	1,225.00
10 Mbps CIR	R6EBX	150.00	1,233.00	830.00	750.00	750.00	750.00	1,325.00
20 Mbps CIR	R6EDX	150.00	1,475.00	1,100.00	1,000.00	1,000.00	1,000.00	1,630.00
50 Mbps CIR	R6EHX	150.00	1,665.00	1,240.00	1,125.00	1,125.00	1,125.00	1,840.00
100 Mbps CIR	R6ELX	150.00	1,920.00	1,430.00	1,300.00	1,300.00	1,300.00	2,115.00
150 Mbps CIR	R6ENX	150.00	2,330.00	1,585.00	1,438.00	1,438.00	1,438.00	2,570.00
250 Mbps CIR	R6EQX	150.00	2,625.00	1,960.00	1,775.00	1,775.00	1,775.00	2,895.00
500 Mbps CIR	R6ETX	150.00	3,085.00	2,310.00	2,100.00	2,100.00	2,100.00	3,395.00
600 Mbps CIR	R6EUX	150.00	3,560.00	2,670.00	2,460.00	2,460.00	2,460.00	3,920.00
1000 Mbps CIR	R6EZX	150.00	4,090.00	3,060.00	2,775.00	2,775.00	2,775.00	4,500.00
2000 Mbps CIR	R61BX	150.00	6,436.00	5,470.00	4,970.00	4,970.00	4,970.00	7,151.00
2500 Mbps CIR	R61CX	150.00	7,712.00	6,555.00	5,955.00	5,955.00	5,955.00	8,569.00
4000 Mbps CIR	R61FX	150.00	9,112.00	7,745.00	7,040.00	7,040.00	7,040.00	10,125.00
5000 Mbps CIR	R61HX	150.00	10,718.00	9,110.00	8,280.00	8,280.00	8,280.00	11,909.00
7500 Mbps CIR	R61NX	150.00	14,071.00	11,960.00	10,870.00	10,870.00	10,870.00	15,634.00
9500 Mbps CIR	R61RX	150.00	16,748.00	14,235.00	12,940.00	12,940.00	12,940.00	18,608.00
10000 Mbps CIR	R61SX	150.00	17,418.00	14,805.00	13,455.00	13,455.00	13,455.00	19,353.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Basic Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

Basic Service Arrangement (Cont'd)

Business Critical-High Class of Service Committed Information Rate ^(2/)								
Rate Element	USOC	Nonrecurring Charges ^(1/)	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,038.00	\$400.00	\$360.00	\$360.00	\$360.00	\$1,075.00
4 Mbps CIR	R6E4X	150.00	1,063.00	455.00	410.00	410.00	410.00	1,125.00
5 Mbps CIR	R6EAX	150.00	1,138.00	555.00	500.00	500.00	500.00	1,200.00
8 Mbps CIR	R6E8X	150.00	1,163.00	655.00	595.00	595.00	595.00	1,225.00
10 Mbps CIR	R6EBX	150.00	1,233.00	830.00	750.00	750.00	750.00	1,325.00
20 Mbps CIR	R6EDX	150.00	1,475.00	1,100.00	1,000.00	1,000.00	1,000.00	1,630.00
50 Mbps CIR	R6EHX	150.00	1,665.00	1,240.00	1,125.00	1,125.00	1,125.00	1,840.00
100 Mbps CIR	R6ELX	150.00	1,920.00	1,430.00	1,300.00	1,300.00	1,300.00	2,115.00
150 Mbps CIR	R6ENX	150.00	2,330.00	1,585.00	1,438.00	1,438.00	1,438.00	2,570.00
250 Mbps CIR	R6EQX	150.00	2,625.00	1,960.00	1,775.00	1,775.00	1,775.00	2,895.00
400 Mbps CIR	R6ESX	150.00	2,900.00	2,170.00	1,970.00	1,970.00	1,970.00	3,195.00 (N)
500 Mbps CIR	R6ETX	150.00	3,085.00	2,310.00	2,100.00	2,100.00	2,100.00	3,395.00
600 Mbps CIR	R6EUX	150.00	3,560.00	2,670.00	2,460.00	2,460.00	2,460.00	3,920.00
1000 Mbps CIR	R6EZX	150.00	4,090.00	3,060.00	2,775.00	2,775.00	2,775.00	4,500.00
2000 Mbps CIR	R61BX	150.00	6,436.00	5,470.00	4,970.00	4,970.00	4,970.00	7,151.00
2500 Mbps CIR	R61CX	150.00	7,712.00	6,555.00	5,955.00	5,955.00	5,955.00	8,569.00
4000 Mbps CIR	R61FX	150.00	9,112.00	7,745.00	7,040.00	7,040.00	7,040.00	10,125.00
5000 Mbps CIR	R61HX	150.00	10,718.00	9,110.00	8,280.00	8,280.00	8,280.00	11,909.00
7500 Mbps CIR	R61NX	150.00	14,071.00	11,960.00	10,870.00	10,870.00	10,870.00	15,634.00
9500 Mbps CIR	R61RX	150.00	16,748.00	14,235.00	12,940.00	12,940.00	12,940.00	18,608.00
10000 Mbps CIR	R61SX	150.00	17,418.00	14,805.00	13,455.00	13,455.00	13,455.00	19,353.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Basic Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)**D. Rates (Cont'd)**1. Service Elements (Cont'd)

Basic Service Arrangement (Cont'd)

Business Critical-Medium Class of Service Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,000.00	\$330.00	\$300.00	\$300.00	\$300.00	\$1,050.00
4 Mbps CIR	R6E4X	150.00	1,025.00	390.00	350.00	350.00	350.00	1,075.00
5 Mbps CIR	R6EAX	150.00	1,100.00	500.00	450.00	450.00	450.00	1,150.00
8 Mbps CIR	R6E8X	150.00	1,125.00	610.00	550.00	550.00	550.00	1,175.00
10 Mbps CIR	R6EBX	150.00	1,195.00	720.00	650.00	650.00	650.00	1,275.00
20 Mbps CIR	R6EDX	150.00	1,320.00	990.00	900.00	900.00	900.00	1,460.00
50 Mbps CIR	R6EHX	150.00	1,520.00	1,130.00	1,025.00	1,025.00	1,025.00	1,680.00
100 Mbps CIR	R6ELX	150.00	1,780.00	1,320.00	1,200.00	1,200.00	1,200.00	1,960.00
150 Mbps CIR	R6ENX	150.00	2,040.00	1,520.00	1,375.00	1,375.00	1,375.00	2,250.00
250 Mbps CIR	R6EQX	150.00	2,340.00	1,740.00	1,575.00	1,575.00	1,575.00	2,580.00
500 Mbps CIR	R6ETX	150.00	2,790.00	2,090.00	1,900.00	1,900.00	1,900.00	3,070.00
600 Mbps CIR	R6EUX	150.00	3,270.00	2,450.00	2,225.00	2,225.00	2,225.00	3,600.00
1000 Mbps CIR	R6EZX	150.00	3,800.00	2,840.00	2,575.00	2,575.00	2,575.00	4,180.00
2000 Mbps CIR	R61BX	150.00	6,212.00	5,280.00	4,800.00	4,800.00	4,800.00	6,902.00
2500 Mbps CIR	R61CX	150.00	7,448.00	6,330.00	5,750.00	5,750.00	5,750.00	8,275.00
4000 Mbps CIR	R61FX	150.00	8,800.00	7,480.00	6,800.00	6,800.00	6,800.00	9,778.00
5000 Mbps CIR	R61HX	150.00	10,353.00	8,800.00	8,000.00	8,000.00	8,000.00	11,504.00
7500 Mbps CIR	R61NX	150.00	13,589.00	11,550.00	10,500.00	10,500.00	10,500.00	15,099.00
9500 Mbps CIR	R61RX	150.00	16,177.00	13,750.00	12,500.00	12,500.00	12,500.00	17,974.00
10000 Mbps CIR	R61SX	150.00	16,824.00	14,300.00	13,000.00	13,000.00	13,000.00	18,693.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Basic Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

Basic Service Arrangement (Cont'd)

Business Critical-Medium Class of Service Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,000.00	\$330.00	\$300.00	\$300.00	\$300.00	\$1,050.00
4 Mbps CIR	R6E4X	150.00	1,025.00	390.00	350.00	350.00	350.00	1,075.00
5 Mbps CIR	R6EAX	150.00	1,100.00	500.00	450.00	450.00	450.00	1,150.00
8 Mbps CIR	R6E8X	150.00	1,125.00	610.00	550.00	550.00	550.00	1,175.00
10 Mbps CIR	R6EBX	150.00	1,195.00	720.00	650.00	650.00	650.00	1,275.00
20 Mbps CIR	R6EDX	150.00	1,320.00	990.00	900.00	900.00	900.00	1,460.00
50 Mbps CIR	R6EHX	150.00	1,520.00	1,130.00	1,025.00	1,025.00	1,025.00	1,680.00
100 Mbps CIR	R6ELX	150.00	1,780.00	1,320.00	1,200.00	1,200.00	1,200.00	1,960.00
150 Mbps CIR	R6ENX	150.00	2,040.00	1,520.00	1,375.00	1,375.00	1,375.00	2,250.00
250 Mbps CIR	R6EQX	150.00	2,340.00	1,740.00	1,575.00	1,575.00	1,575.00	2,580.00
400 Mbps CIR	R6ESX	150.00	2,610.00	1,950.00	1,770.00	1,770.00	1,770.00	2,875.00 (N)
500 Mbps CIR	R6ETX	150.00	2,790.00	2,090.00	1,900.00	1,900.00	1,900.00	3,070.00
600 Mbps CIR	R6EUX	150.00	3,270.00	2,450.00	2,225.00	2,225.00	2,225.00	3,600.00
1000 Mbps CIR	R6EZX	150.00	3,800.00	2,840.00	2,575.00	2,575.00	2,575.00	4,180.00
2000 Mbps CIR	R61BX	150.00	6,212.00	5,280.00	4,800.00	4,800.00	4,800.00	6,902.00
2500 Mbps CIR	R61CX	150.00	7,448.00	6,330.00	5,750.00	5,750.00	5,750.00	8,275.00
4000 Mbps CIR	R61FX	150.00	8,800.00	7,480.00	6,800.00	6,800.00	6,800.00	9,778.00
5000 Mbps CIR	R61HX	150.00	10,353.00	8,800.00	8,000.00	8,000.00	8,000.00	11,504.00
7500 Mbps CIR	R61NX	150.00	13,589.00	11,550.00	10,500.00	10,500.00	10,500.00	15,099.00
9500 Mbps CIR	R61RX	150.00	16,177.00	13,750.00	12,500.00	12,500.00	12,500.00	17,974.00
10000 Mbps CIR	R61SX	150.00	16,824.00	14,300.00	13,000.00	13,000.00	13,000.00	18,693.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Basic Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

Basic Service Arrangement (Cont'd)

Non-Critical High Class of Service Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$925.00	\$310.00	\$290.00	\$290.00	\$290.00	\$950.00
4 Mbps CIR	R6E4X	150.00	950.00	370.00	340.00	340.00	340.00	975.00
5 Mbps CIR	R6EAX	150.00	1,025.00	465.00	430.00	430.00	430.00	1,050.00
8 Mbps CIR	R6E8X	150.00	1,050.00	570.00	530.00	530.00	530.00	1,075.00
10 Mbps CIR	R6EBX	150.00	1,120.00	670.00	620.00	620.00	620.00	1,175.00
20 Mbps CIR	R6EDX	150.00	1,260.00	925.00	860.00	860.00	860.00	1,390.00
50 Mbps CIR	R6EHX	150.00	1,450.00	1,055.00	980.00	980.00	980.00	1,600.00
100 Mbps CIR	R6ELX	150.00	1,700.00	1,230.00	1,140.00	1,140.00	1,140.00	1,870.00
150 Mbps CIR	R6ENX	150.00	1,940.00	1,410.00	1,310.00	1,310.00	1,310.00	2,140.00
250 Mbps CIR	R6EQX	150.00	2,230.00	1,615.00	1,500.00	1,500.00	1,500.00	2,460.00
500 Mbps CIR	R6ETX	150.00	2,660.00	1,945.00	1,810.00	1,810.00	1,810.00	2,920.00
600 Mbps CIR	R6EUX	150.00	3,110.00	2,280.00	2,120.00	2,120.00	2,120.00	3,420.00
1000 Mbps CIR	R6EZX	150.00	3,610.00	2,640.00	2,450.00	2,450.00	2,450.00	3,980.00
2000 Mbps CIR	R61BX	150.00	5,910.00	4,920.00	4,560.00	4,560.00	4,560.00	6,560.00
2500 Mbps CIR	R61CX	150.00	7,080.00	5,900.00	5,470.00	5,470.00	5,470.00	7,870.00
4000 Mbps CIR	R61FX	150.00	8,360.00	6,970.00	6,460.00	6,460.00	6,460.00	9,290.00
5000 Mbps CIR	R61HX	150.00	9,840.00	8,200.00	7,600.00	7,600.00	7,600.00	10,930.00
7500 Mbps CIR	R61NX	150.00	12,910.00	10,765.00	9,980.00	9,980.00	9,980.00	14,350.00
9500 Mbps CIR	R61RX	150.00	15,370.00	12,815.00	11,880.00	11,880.00	11,880.00	17,080.00
10000 Mbps CIR	R61SX	150.00	15,990.00	13,325.00	12,350.00	12,350.00	12,350.00	17,760.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Basic Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

Basic Service Arrangement (Cont'd)

Non-Critical High Class of Service Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$925.00	\$310.00	\$290.00	\$290.00	\$290.00	\$950.00
4 Mbps CIR	R6E4X	150.00	950.00	370.00	340.00	340.00	340.00	975.00
5 Mbps CIR	R6EAX	150.00	1,025.00	465.00	430.00	430.00	430.00	1,050.00
8 Mbps CIR	R6E8X	150.00	1,050.00	570.00	530.00	530.00	530.00	1,075.00
10 Mbps CIR	R6EBX	150.00	1,120.00	670.00	620.00	620.00	620.00	1,175.00
20 Mbps CIR	R6EDX	150.00	1,260.00	925.00	860.00	860.00	860.00	1,390.00
50 Mbps CIR	R6EHX	150.00	1,450.00	1,055.00	980.00	980.00	980.00	1,600.00
100 Mbps CIR	R6ELX	150.00	1,700.00	1,230.00	1,140.00	1,140.00	1,140.00	1,870.00
150 Mbps CIR	R6ENX	150.00	1,940.00	1,410.00	1,310.00	1,310.00	1,310.00	2,140.00
250 Mbps CIR	R6EQX	150.00	2,230.00	1,615.00	1,500.00	1,500.00	1,500.00	2,460.00
400 Mbps CIR	R6ESX	150.00	2,490.00	1,815.00	1,685.00	1,685.00	1,685.00	2,735.00 (N)
500 Mbps CIR	R6ETX	150.00	2,660.00	1,945.00	1,810.00	1,810.00	1,810.00	2,920.00
600 Mbps CIR	R6EUX	150.00	3,110.00	2,280.00	2,120.00	2,120.00	2,120.00	3,420.00
1000 Mbps CIR	R6EZX	150.00	3,610.00	2,640.00	2,450.00	2,450.00	2,450.00	3,980.00
2000 Mbps CIR	R61BX	150.00	5,910.00	4,920.00	4,560.00	4,560.00	4,560.00	6,560.00
2500 Mbps CIR	R61CX	150.00	7,080.00	5,900.00	5,470.00	5,470.00	5,470.00	7,870.00
4000 Mbps CIR	R61FX	150.00	8,360.00	6,970.00	6,460.00	6,460.00	6,460.00	9,290.00
5000 Mbps CIR	R61HX	150.00	9,840.00	8,200.00	7,600.00	7,600.00	7,600.00	10,930.00
7500 Mbps CIR	R61NX	150.00	12,910.00	10,765.00	9,980.00	9,980.00	9,980.00	14,350.00
9500 Mbps CIR	R61RX	150.00	15,370.00	12,815.00	11,880.00	11,880.00	11,880.00	17,080.00
10000 Mbps CIR	R61SX	150.00	15,990.00	13,325.00	12,350.00	12,350.00	12,350.00	17,760.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Basic Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements

PPCoS Service Arrangement

Customer Port Connection – PPCoS Port								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
100 Mbps Port	EYQLX	\$1,925.00	\$1,100.00	\$980.00	\$780.00	\$730.00	\$690.00	\$1,295.00
1 Gbps Port	EYQMX	2,100.00	1,680.00	1,380.00	1,200.00	1,110.00	1,020.00	1,960.00
10 Gbps Port	EYQNX	15,750.00	12,000.00	11,400.00	9,000.00	7,800.00	6,900.00	12,600.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements

PPCoS Service Arrangement (Cont'd)

MultiMedia High Committed Information Rate ^{2/}								
Rate Element	USOC	Nonrecurring Charges ^{1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,150.00	\$510.00	\$460.00	\$460.00	\$460.00	\$1,200.00
4 Mbps CIR	R6E4X	150.00	1,175.00	550.00	500.00	500.00	500.00	1,275.00
5 Mbps CIR	R6EAX	150.00	1,250.00	650.00	590.00	590.00	590.00	1,350.00
8 Mbps CIR	R6E8X	150.00	1,275.00	750.00	680.00	680.00	680.00	1,375.00
10 Mbps CIR	R6EBX	150.00	1,345.00	1,010.00	910.00	910.00	910.00	1,475.00
20 Mbps CIR	R6EDX	150.00	1,880.00	1,300.00	1,180.00	1,180.00	1,180.00	2,070.00
50 Mbps CIR	R6EHX	150.00	2,090.00	1,460.00	1,320.00	1,320.00	1,320.00	2,300.00
100 Mbps CIR	R6ELX	150.00	2,370.00	1,650.00	1,500.00	1,500.00	1,500.00	2,620.00
150 Mbps CIR	R6ENX	150.00	3,020.00	1,780.00	1,610.00	1,610.00	1,610.00	3,330.00
250 Mbps CIR	R6EQX	150.00	3,350.00	2,340.00	2,120.00	2,120.00	2,120.00	3,700.00
500 Mbps CIR	R6ETX	150.00	3,890.00	2,720.00	2,470.00	2,470.00	2,470.00	4,280.00
600 Mbps CIR	R6EUX	150.00	4,430.00	3,100.00	2,810.00	2,810.00	2,810.00	4,880.00
1000 Mbps CIR	R6EZX	150.00	5,040.00	3,510.00	3,190.00	3,190.00	3,190.00	5,550.00
2000 Mbps CIR	R61BX	150.00	7,118.00	6,050.00	5,500.00	5,500.00	5,500.00	7,909.00
2500 Mbps CIR	R61CX	150.00	8,542.00	7,260.00	6,600.00	6,600.00	6,600.00	9,491.00
4000 Mbps CIR	R61FX	150.00	10,083.00	8,570.00	7,790.00	7,790.00	7,790.00	11,203.00
5000 Mbps CIR	R61HX	150.00	11,859.00	10,080.00	9,160.00	9,160.00	9,160.00	13,177.00
7500 Mbps CIR	R61NX	150.00	15,577.00	13,240.00	12,030.00	12,030.00	12,030.00	17,308.00
9500 Mbps CIR	R61RX	150.00	18,542.00	15,760.00	14,320.00	14,320.00	14,320.00	20,602.00
10000 Mbps CIR	R61SX	150.00	19,271.00	16,380.00	14,890.00	14,890.00	14,890.00	21,412.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Per Packet Class of Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements

PPCoS Service Arrangement (Cont'd)

MultiMedia High Committed Information Rate ^{2/}								
Rate Element	USOC	Nonrecurring Charges ^{1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,150.00	\$510.00	\$460.00	\$460.00	\$460.00	\$1,200.00
4 Mbps CIR	R6E4X	150.00	1,175.00	550.00	500.00	500.00	500.00	1,275.00
5 Mbps CIR	R6EAX	150.00	1,250.00	650.00	590.00	590.00	590.00	1,350.00
8 Mbps CIR	R6E8X	150.00	1,275.00	750.00	680.00	680.00	680.00	1,375.00
10 Mbps CIR	R6EBX	150.00	1,345.00	1,010.00	910.00	910.00	910.00	1,475.00
20 Mbps CIR	R6EDX	150.00	1,880.00	1,300.00	1,180.00	1,180.00	1,180.00	2,070.00
50 Mbps CIR	R6EHX	150.00	2,090.00	1,460.00	1,320.00	1,320.00	1,320.00	2,300.00
100 Mbps CIR	R6ELX	150.00	2,370.00	1,650.00	1,500.00	1,500.00	1,500.00	2,620.00
150 Mbps CIR	R6ENX	150.00	3,020.00	1,780.00	1,610.00	1,610.00	1,610.00	3,330.00
250 Mbps CIR	R6EQX	150.00	3,350.00	2,340.00	2,120.00	2,120.00	2,120.00	3,700.00
400 Mbps CIR	R6ESX	150.00	3,675.00	2,570.00	2,330.00	2,330.00	2,330.00	4,050.00 (N)
500 Mbps CIR	R6ETX	150.00	3,890.00	2,720.00	2,470.00	2,470.00	2,470.00	4,280.00
600 Mbps CIR	R6EUX	150.00	4,430.00	3,100.00	2,810.00	2,810.00	2,810.00	4,880.00
1000 Mbps CIR	R6EZX	150.00	5,040.00	3,510.00	3,190.00	3,190.00	3,190.00	5,550.00
2000 Mbps CIR	R61BX	150.00	7,118.00	6,050.00	5,500.00	5,500.00	5,500.00	7,909.00
2500 Mbps CIR	R61CX	150.00	8,542.00	7,260.00	6,600.00	6,600.00	6,600.00	9,491.00
4000 Mbps CIR	R61FX	150.00	10,083.00	8,570.00	7,790.00	7,790.00	7,790.00	11,203.00
5000 Mbps CIR	R61HX	150.00	11,859.00	10,080.00	9,160.00	9,160.00	9,160.00	13,177.00
7500 Mbps CIR	R61NX	150.00	15,577.00	13,240.00	12,030.00	12,030.00	12,030.00	17,308.00
9500 Mbps CIR	R61RX	150.00	18,542.00	15,760.00	14,320.00	14,320.00	14,320.00	20,602.00
10000 Mbps CIR	R61SX	150.00	19,271.00	16,380.00	14,890.00	14,890.00	14,890.00	21,412.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Per Packet Class of Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

PPCoS Service Arrangement (Cont'd)

MultiMedia Standard Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,075.00	\$470.00	\$425.00	\$425.00	\$425.00	\$1,100.00
4 Mbps CIR	R6E4X	150.00	1,100.00	520.00	465.00	465.00	465.00	1,175.00
5 Mbps CIR	R6EAX	150.00	1,175.00	610.00	550.00	550.00	550.00	1,250.00
8 Mbps CIR	R6E8X	150.00	1,200.00	700.00	635.00	635.00	635.00	1,275.00
10 Mbps CIR	R6EBX	150.00	1,270.00	940.00	850.00	850.00	850.00	1,375.00
20 Mbps CIR	R6EDX	150.00	1,630.00	1,210.00	1,100.00	1,100.00	1,100.00	1,800.00
50 Mbps CIR	R6EHX	150.00	1,810.00	1,350.00	1,225.00	1,225.00	1,225.00	2,000.00
100 Mbps CIR	R6ELX	150.00	2,060.00	1,540.00	1,400.00	1,400.00	1,400.00	2,270.00
150 Mbps CIR	R6ENX	150.00	2,620.00	1,650.00	1,500.00	1,500.00	1,500.00	2,890.00
250 Mbps CIR	R6EQX	150.00	2,910.00	2,180.00	1,975.00	1,975.00	1,975.00	3,210.00
500 Mbps CIR	R6ETX	150.00	3,380.00	2,530.00	2,300.00	2,300.00	2,300.00	3,720.00
600 Mbps CIR	R6EUX	150.00	3,850.00	2,890.00	2,625.00	2,625.00	2,625.00	4,240.00
1000 Mbps CIR	R6EZX	150.00	4,380.00	3,280.00	2,975.00	2,975.00	2,975.00	4,820.00
2000 Mbps CIR	R61BX	150.00	6,659.00	5,660.00	5,140.00	5,140.00	5,140.00	7,399.00
2500 Mbps CIR	R61CX	150.00	7,977.00	6,780.00	6,160.00	6,160.00	6,160.00	8,863.00
4000 Mbps CIR	R61FX	150.00	9,424.00	8,010.00	7,280.00	7,280.00	7,280.00	10,471.00
5000 Mbps CIR	R61HX	150.00	11,083.00	9,420.00	8,560.00	8,560.00	8,560.00	12,314.00
7500 Mbps CIR	R61NX	150.00	14,553.00	12,370.00	11,240.00	11,240.00	11,240.00	16,170.00
9500 Mbps CIR	R61RX	150.00	17,318.00	14,720.00	13,380.00	13,380.00	13,380.00	19,242.00
10000 Mbps CIR	R61SX	150.00	18,012.00	15,310.00	13,910.00	13,910.00	13,910.00	20,014.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Per Packet Class of Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

PPCoS Service Arrangement (Cont'd)

MultiMedia Standard Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,075.00	\$470.00	\$425.00	\$425.00	\$425.00	\$1,100.00
4 Mbps CIR	R6E4X	150.00	1,100.00	520.00	465.00	465.00	465.00	1,175.00
5 Mbps CIR	R6EAX	150.00	1,175.00	610.00	550.00	550.00	550.00	1,250.00
8 Mbps CIR	R6E8X	150.00	1,200.00	700.00	635.00	635.00	635.00	1,275.00
10 Mbps CIR	R6EBX	150.00	1,270.00	940.00	850.00	850.00	850.00	1,375.00
20 Mbps CIR	R6EDX	150.00	1,630.00	1,210.00	1,100.00	1,100.00	1,100.00	1,800.00
50 Mbps CIR	R6EHX	150.00	1,810.00	1,350.00	1,225.00	1,225.00	1,225.00	2,000.00
100 Mbps CIR	R6ELX	150.00	2,060.00	1,540.00	1,400.00	1,400.00	1,400.00	2,270.00
150 Mbps CIR	R6ENX	150.00	2,620.00	1,650.00	1,500.00	1,500.00	1,500.00	2,890.00
250 Mbps CIR	R6EQX	150.00	2,910.00	2,180.00	1,975.00	1,975.00	1,975.00	3,210.00
400 Mbps CIR	R6ESX	150.00	3,195.00	2,390.00	2,170.00	2,170.00	2,170.00	3,520.00 (N)
500 Mbps CIR	R6ETX	150.00	3,380.00	2,530.00	2,300.00	2,300.00	2,300.00	3,720.00
600 Mbps CIR	R6EUX	150.00	3,850.00	2,890.00	2,625.00	2,625.00	2,625.00	4,240.00
1000 Mbps CIR	R6EZX	150.00	4,380.00	3,280.00	2,975.00	2,975.00	2,975.00	4,820.00
2000 Mbps CIR	R61BX	150.00	6,659.00	5,660.00	5,140.00	5,140.00	5,140.00	7,399.00
2500 Mbps CIR	R61CX	150.00	7,977.00	6,780.00	6,160.00	6,160.00	6,160.00	8,863.00
4000 Mbps CIR	R61FX	150.00	9,424.00	8,010.00	7,280.00	7,280.00	7,280.00	10,471.00
5000 Mbps CIR	R61HX	150.00	11,083.00	9,420.00	8,560.00	8,560.00	8,560.00	12,314.00
7500 Mbps CIR	R61NX	150.00	14,553.00	12,370.00	11,240.00	11,240.00	11,240.00	16,170.00
9500 Mbps CIR	R61RX	150.00	17,318.00	14,720.00	13,380.00	13,380.00	13,380.00	19,242.00
10000 Mbps CIR	R61SX	150.00	18,012.00	15,310.00	13,910.00	13,910.00	13,910.00	20,014.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Per Packet Class of Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)**D. Rates (Cont'd)**1. Service Elements (Cont'd)

PPCoS Service Arrangement (Cont'd)

Critical Data Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,000.00	\$330.00	\$300.00	\$300.00	\$300.00	\$1,050.00
4 Mbps CIR	R6E4X	150.00	1,025.00	390.00	350.00	350.00	350.00	1,075.00
5 Mbps CIR	R6EAX	150.00	1,100.00	500.00	450.00	450.00	450.00	1,150.00
8 Mbps CIR	R6E8X	150.00	1,125.00	610.00	550.00	550.00	550.00	1,175.00
10 Mbps CIR	R6EBX	150.00	1,195.00	720.00	650.00	650.00	650.00	1,275.00
20 Mbps CIR	R6EDX	150.00	1,320.00	990.00	900.00	900.00	900.00	1,460.00
50 Mbps CIR	R6EHX	150.00	1,520.00	1,130.00	1,025.00	1,025.00	1,025.00	1,680.00
100 Mbps CIR	R6ELX	150.00	1,780.00	1,320.00	1,200.00	1,200.00	1,200.00	1,960.00
150 Mbps CIR	R6ENX	150.00	2,040.00	1,520.00	1,375.00	1,375.00	1,375.00	2,250.00
250 Mbps CIR	R6EQX	150.00	2,340.00	1,740.00	1,575.00	1,575.00	1,575.00	2,580.00
500 Mbps CIR	R6ETX	150.00	2,790.00	2,090.00	1,900.00	1,900.00	1,900.00	3,070.00
600 Mbps CIR	R6EUX	150.00	3,270.00	2,450.00	2,225.00	2,225.00	2,225.00	3,600.00
1000 Mbps CIR	R6EZX	150.00	3,800.00	2,840.00	2,575.00	2,575.00	2,575.00	4,180.00
2000 Mbps CIR	R61BX	150.00	6,212.00	5,280.00	4,800.00	4,800.00	4,800.00	6,902.00
2500 Mbps CIR	R61CX	150.00	7,448.00	6,330.00	5,750.00	5,750.00	5,750.00	8,275.00
4000 Mbps CIR	R61FX	150.00	8,800.00	7,480.00	6,800.00	6,800.00	6,800.00	9,778.00
5000 Mbps CIR	R61HX	150.00	10,353.00	8,800.00	8,000.00	8,000.00	8,000.00	11,504.00
7500 Mbps CIR	R61NX	150.00	13,589.00	11,550.00	10,500.00	10,500.00	10,500.00	15,099.00
9500 Mbps CIR	R61RX	150.00	16,177.00	13,750.00	12,500.00	12,500.00	12,500.00	17,974.00
10000 Mbps CIR	R61SX	150.00	16,824.00	14,300.00	13,000.00	13,000.00	13,000.00	18,693.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Per Packet Class of Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

PPCoS Service Arrangement (Cont'd)

Critical Data Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$1,000.00	\$330.00	\$300.00	\$300.00	\$300.00	\$1,050.00
4 Mbps CIR	R6E4X	150.00	1,025.00	390.00	350.00	350.00	350.00	1,075.00
5 Mbps CIR	R6EAX	150.00	1,100.00	500.00	450.00	450.00	450.00	1,150.00
8 Mbps CIR	R6E8X	150.00	1,125.00	610.00	550.00	550.00	550.00	1,175.00
10 Mbps CIR	R6EBX	150.00	1,195.00	720.00	650.00	650.00	650.00	1,275.00
20 Mbps CIR	R6EDX	150.00	1,320.00	990.00	900.00	900.00	900.00	1,460.00
50 Mbps CIR	R6EHX	150.00	1,520.00	1,130.00	1,025.00	1,025.00	1,025.00	1,680.00
100 Mbps CIR	R6ELX	150.00	1,780.00	1,320.00	1,200.00	1,200.00	1,200.00	1,960.00
150 Mbps CIR	R6ENX	150.00	2,040.00	1,520.00	1,375.00	1,375.00	1,375.00	2,250.00
250 Mbps CIR	R6EQX	150.00	2,340.00	1,740.00	1,575.00	1,575.00	1,575.00	2,580.00
400 Mbps CIR	R6ESX	150.00	2,610.00	1,950.00	1,770.00	1,770.00	1,770.00	2,875.00 (N)
500 Mbps CIR	R6ETX	150.00	2,790.00	2,090.00	1,900.00	1,900.00	1,900.00	3,070.00
600 Mbps CIR	R6EUX	150.00	3,270.00	2,450.00	2,225.00	2,225.00	2,225.00	3,600.00
1000 Mbps CIR	R6EZX	150.00	3,800.00	2,840.00	2,575.00	2,575.00	2,575.00	4,180.00
2000 Mbps CIR	R61BX	150.00	6,212.00	5,280.00	4,800.00	4,800.00	4,800.00	6,902.00
2500 Mbps CIR	R61CX	150.00	7,448.00	6,330.00	5,750.00	5,750.00	5,750.00	8,275.00
4000 Mbps CIR	R61FX	150.00	8,800.00	7,480.00	6,800.00	6,800.00	6,800.00	9,778.00
5000 Mbps CIR	R61HX	150.00	10,353.00	8,800.00	8,000.00	8,000.00	8,000.00	11,504.00
7500 Mbps CIR	R61NX	150.00	13,589.00	11,550.00	10,500.00	10,500.00	10,500.00	15,099.00
9500 Mbps CIR	R61RX	150.00	16,177.00	13,750.00	12,500.00	12,500.00	12,500.00	17,974.00
10000 Mbps CIR	R61SX	150.00	16,824.00	14,300.00	13,000.00	13,000.00	13,000.00	18,693.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Per Packet Class of Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)**D. Rates (Cont'd)**1. Service Elements (Cont'd)

PPCoS Service Arrangement (Cont'd)

Business Data Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$925.00	\$310.00	\$290.00	\$290.00	\$290.00	\$950.00
4 Mbps CIR	R6E4X	150.00	950.00	370.00	340.00	340.00	340.00	975.00
5 Mbps CIR	R6EAX	150.00	1,025.00	465.00	430.00	430.00	430.00	1,050.00
8 Mbps CIR	R6E8X	150.00	1,050.00	570.00	530.00	530.00	530.00	1,075.00
10 Mbps CIR	R6EBX	150.00	1,120.00	670.00	620.00	620.00	620.00	1,175.00
20 Mbps CIR	R6EDX	150.00	1,260.00	925.00	860.00	860.00	860.00	1,390.00
50 Mbps CIR	R6EHX	150.00	1,450.00	1,055.00	980.00	980.00	980.00	1,600.00
100 Mbps CIR	R6ELX	150.00	1,700.00	1,230.00	1,140.00	1,140.00	1,140.00	1,870.00
150 Mbps CIR	R6ENX	150.00	1,940.00	1,410.00	1,310.00	1,310.00	1,310.00	2,140.00
250 Mbps CIR	R6EQX	150.00	2,230.00	1,615.00	1,500.00	1,500.00	1,500.00	2,460.00
500 Mbps CIR	R6ETX	150.00	2,660.00	1,945.00	1,810.00	1,810.00	1,810.00	2,920.00
600 Mbps CIR	R6EUX	150.00	3,110.00	2,280.00	2,120.00	2,120.00	2,120.00	3,420.00
1000 Mbps CIR	R6EZX	150.00	3,610.00	2,640.00	2,450.00	2,450.00	2,450.00	3,980.00
2000 Mbps CIR	R61BX	150.00	5,910.00	4,920.00	4,560.00	4,560.00	4,560.00	6,560.00
2500 Mbps CIR	R61CX	150.00	7,080.00	5,900.00	5,470.00	5,470.00	5,470.00	7,870.00
4000 Mbps CIR	R61FX	150.00	8,360.00	6,970.00	6,460.00	6,460.00	6,460.00	9,290.00
5000 Mbps CIR	R61HX	150.00	9,840.00	8,200.00	7,600.00	7,600.00	7,600.00	10,930.00
7500 Mbps CIR	R61NX	150.00	12,910.00	10,765.00	9,980.00	9,980.00	9,980.00	14,350.00
9500 Mbps CIR	R61RX	150.00	15,370.00	12,815.00	11,880.00	11,880.00	11,880.00	17,080.00
10000 Mbps CIR	R61SX	150.00	15,990.00	13,325.00	12,350.00	12,350.00	12,350.00	17,760.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Per Packet Class of Service Arrangement.

9. AT&T SWITCHED ETHERNET SERVICESM (Cont'd)

D. Rates (Cont'd)

1. Service Elements (Cont'd)

PPCoS Service Arrangement (Cont'd)

Business Data Committed Information Rate ^{/2/}								
Rate Element	USOC	Nonrecurring Charges ^{/1/}	12 Months	24 Months	36 Months	48 Months	60 Months	Term Extension MTM Rates
2 Mbps CIR	R6E2X	\$150.00	\$925.00	\$310.00	\$290.00	\$290.00	\$290.00	\$950.00
4 Mbps CIR	R6E4X	150.00	950.00	370.00	340.00	340.00	340.00	975.00
5 Mbps CIR	R6EAX	150.00	1,025.00	465.00	430.00	430.00	430.00	1,050.00
8 Mbps CIR	R6E8X	150.00	1,050.00	570.00	530.00	530.00	530.00	1,075.00
10 Mbps CIR	R6EBX	150.00	1,120.00	670.00	620.00	620.00	620.00	1,175.00
20 Mbps CIR	R6EDX	150.00	1,260.00	925.00	860.00	860.00	860.00	1,390.00
50 Mbps CIR	R6EHX	150.00	1,450.00	1,055.00	980.00	980.00	980.00	1,600.00
100 Mbps CIR	R6ELX	150.00	1,700.00	1,230.00	1,140.00	1,140.00	1,140.00	1,870.00
150 Mbps CIR	R6ENX	150.00	1,940.00	1,410.00	1,310.00	1,310.00	1,310.00	2,140.00
250 Mbps CIR	R6EQX	150.00	2,230.00	1,615.00	1,500.00	1,500.00	1,500.00	2,460.00
400 Mbps CIR	R6ESX	150.00	2,490.00	1,815.00	1,685.00	1,685.00	1,685.00	2,735.00 (N)
500 Mbps CIR	R6ETX	150.00	2,660.00	1,945.00	1,810.00	1,810.00	1,810.00	2,920.00
600 Mbps CIR	R6EUX	150.00	3,110.00	2,280.00	2,120.00	2,120.00	2,120.00	3,420.00
1000 Mbps CIR	R6EZX	150.00	3,610.00	2,640.00	2,450.00	2,450.00	2,450.00	3,980.00
2000 Mbps CIR	R61BX	150.00	5,910.00	4,920.00	4,560.00	4,560.00	4,560.00	6,560.00
2500 Mbps CIR	R61CX	150.00	7,080.00	5,900.00	5,470.00	5,470.00	5,470.00	7,870.00
4000 Mbps CIR	R61FX	150.00	8,360.00	6,970.00	6,460.00	6,460.00	6,460.00	9,290.00
5000 Mbps CIR	R61HX	150.00	9,840.00	8,200.00	7,600.00	7,600.00	7,600.00	10,930.00
7500 Mbps CIR	R61NX	150.00	12,910.00	10,765.00	9,980.00	9,980.00	9,980.00	14,350.00
9500 Mbps CIR	R61RX	150.00	15,370.00	12,815.00	11,880.00	11,880.00	11,880.00	17,080.00
10000 Mbps CIR	R61SX	150.00	15,990.00	13,325.00	12,350.00	12,350.00	12,350.00	17,760.00

/1/ Nonrecurring Charges will be waived for service ordered under an Ethernet Payment Plan (EPP) as specified under D.2.

/2/ The table shown in A. shows the Committed Information Rate (CIR) bandwidth supported on each Customer Port Connection under the Per Packet Class of Service Arrangement.