

LIST OF EFFECTIVE SHEETS

Sheets listed below are effective as of the date shown on each sheet.

<u>Revision Number</u>	<u>Sheet</u>	<u>Revision Number</u>	<u>Sheet</u>	<u>Revision Number</u>	<u>Sheet</u>
20th Revised	CS A*	2 nd Revised	30		
2 nd Revised	1	2 nd Revised	31		
9th Revised	2*	3 rd Revised	32		
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Original	16				
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* New or revised page.

(To be inserted by utility)

Advice Letter No. 485

Decision No. FCC 20-143

Issued by

Cynthia A. Huber

NAME

President

TITLE

(To be inserted by Cal. P.U.C.)

Date Filed May 27, 2022

Effective July 1, 2022

Resolution No. _____

B1. ACCESS SERVICE

1.1 GENERAL INFORMATION

1.1.1 APPLICABILITY

Applicable to access service within or between Local Access and Transport Areas (LATAs) for connection to intrastate communication services for intrastate customers within the operating territory of Sierra Telephone Company, Inc. where facilities permit.

1.1.2 TERRITORY

Within the exchange areas, as said areas are defined on maps filed as part of the tariff schedules.

1.2 RATES AND CHARGES

A. The Utility adopts the rates and concurs in the conditions along with the amendments thereto and successive issues thereof for the application of Telecommunications Service Priority (TSP) as filed in NECA Tariff F.C.C. No. 5, Miscellaneous Services, Telecommunications Service Priority (TSP) in Sections 13.3.3 (B) and 17.4. Specific information about TSP rates and conditions is located in Rates and Charges, B. 8, and Special Conditions E., following.

B. The Utility adopts the rates as shown in Sections 1, 2, 3, 4, and 9 below and concurs in the conditions along with the amendments thereto and successive issues thereof for these services in NECA Tariff F.C.C. No. 5 for the application to the intrastate access services. This tariff shall apply to all intrastate interLATA and intrastate intraLATA traffic which either originates from or terminates to end users physically located inside and outside of the boundaries of the Utility's study area. In the case of traffic exchanged with incumbent local exchange carriers, which continue to utilize existing Feature Group C-like interconnection, the Feature Group C (FGC) provisions of the National Exchange Carrier Association, Inc. (NECA) Tariff shall apply, except that the provisions of Section 6.7.1 shall not be construed to require conversion to Feature Group D (FGD) access when FGD access becomes available in an end office. (T)

(Continued)

(To be inserted by utility)

Advice Letter No. 368

Decision No. _____

Issued by

Harry H. Baker

NAME

President

TITLE

(To be inserted by Cal. P.U.C.)

Date Filed Oct. 1, 2008

Effective Nov. 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 1999, apply:

1. Switched Access	<u>RATE</u>	
a. Originating Local Switching, Per Access Minute		
(1) Originating (Non-Toll Free)	\$ 0.009412	
(2) Originating (Toll Free Only)	0.004706	(R)
b. Originating Information Surcharge, Per 100 Access Minutes		
(1) Originating (Non-Toll Free)	0.01610	(T)
(2) Originating (Toll Free Only)	0.00805	(R)
c. Terminating Local Switching, Per Access Minute	0.0000	
d. Terminating Information Surcharge, Per 100 Access Minutes *	0.000	
e. Direct Trunked Transport Facility, Per Month, Per Mile**		
(1) Voice Grade	2.70	
(2) High Capacity DS1	19.14	
(3) High Capacity DS3	131.77	
(4) OC3 (155.52 Mbps)	140.00	
(5) OC12 (622.08 Mbps)	280.00	
f. Direct Trunked Termination, Per Month, Per Termination**		
(1) Voice Grade	27.08	
(2) High Capacity DS1	94.38	
(3) High Capacity DS3	525.64	
(4) OC3 (155.52 Mbps)	484.49	
(5) OC12 (622.08 Mbps)	1,807.00	

* The composite Terminating Local Switching rates shown above include the Terminating Information Surcharge rate element.

** Does not apply to Feature Group C-like interconnection.

(L) 1.g. and 1.h. now shown on Sheet 3.

(Continued)

(To be inserted by utility)

Advice Letter No. 485

Decision No. FCC 20-143

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Date Filed May 27, 2022

Effective July 1, 2022

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 1999, apply: - Continued

1. Switched Access - Continued

	<u>RATE</u>		
g. Tandem Switched Transport Facility, Per Mile,** Per Access Minute	\$ 0.000189	(C)	(L)
h. Tandem Switched Termination, Per Termination,** Per Access Minute	0.000933	(C)	(L)
i. Toll Free Database Access Service Queries, Per Query			(T)
(1) Basic	*		(C)
(2) Vertical	*		(C)
j. Networking Blocking Charge, Per Call Blocked	0.0135		

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>	
k. Multiplexing Per Arrangement			
(1) DS3 to DS1		\$ 474.31	
(2) DS1 to Voice		183.12	
(3) Customer Node, Per Node			
(a) OC3 (155.52 Mbps)	\$ 197.00	495.00	
(b) OC12 (622.08 Mbps)	197.00	1,430.00	
(4) Customer Premises Port, Per Port			
(a) OC3 (155.52 Mbps)	213.00	150.00	
(b) STS-1 (51.84 Mbps)	213.00	195.00	
(c) DS3 (44.736 Mbps)	213.00	195.00	
(d) DS1 (1.544 Mbps)	54.00	50.00	
(5) Add/Drop Multiplexing, Central Office Port, Per Port			
(a) OC3 (155.52 Mbps)		150.00	
(b) DS3 (44.736 Mbps)		100.00	
(c) DS1 (1.544 Mbps)		40.00	

* The Toll Free Database Access Services Queries rates will be identified as found in the NECA Tariff 5 Section 17.2.2(B). (L) (N)

** As of July 1, 2021, originating Tandem Switched Transport Facility and Tandem Switched Termination rates are not applied to originating toll free minutes. (N)

(L) 1.g. and 1.h. were previously shown on Sheet 2.

(L) 1.l. and 1.m. now shown on Sheet 3.1.

(Continued)

(To be inserted by utility)
Advice Letter No. 477

Issued by
Cynthia A. Huber
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(To be inserted by Cal. P.U.C.)
Date Filed May 20, 2021

Decision No. FCC 20-143

President
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Effective July 1, 2021

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 2011, apply:

1. Switched Access - Continued

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>	
I. SS7/MF Conversion, Per 24 Trunks or Fraction Thereof	260.00		(L)
m. Direct Trunk Activation, Per 24 Trunks or Fraction Thereof, Per Order	249.00		(L)
n. Per Entrance Facility			
(1) Voice Grade Two-Wire	\$ 450.00	\$ 76.23	
(2) Voice Grade Four-Wire	450.00	121.99	
(3) High Capacity DS1	330.00	371.65	
(4) High Capacity DS3	445.00	3,393.45	
(5) Synchronous Optical, Channel OC3	360.00	3,460.31	
(6) Synchronous Optical, Channel OC12	360.00	3,694.49	
(7) ESALT 2 Mbps	581.16	717.31	
(8) ESALT 10 Mbps	581.16	773.12	
(9) ESALT 50 Mbps	581.16	1001.63	

(L) 1.l. and 1.m. were previously shown on Sheet 3.

(Continued)

(To be inserted by utility)

Advice Letter No. 477

Decision No. FCC 20-143

Issued by

Cynthia A. Huber

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(To be inserted by Cal. P.U.C.)

Date Filed May 20, 2021

Effective July 1, 2021

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 1999, apply:

(D)

2. Special Access

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>
a. Advanced Digital Network or Digital Data Service (2.4 Kbps through 64.0 Kbps)		
(1) Channel Termination, Per Termination	\$ 177.00	\$ 69.82
(2) Channel Mileage Facility, Per Mile		
(a) 2.4 Kbps through 19.2 Kbps		2.56
(b) 56.0 and 64.0 Kbps		3.96
(3) Channel Mileage Termination, Per Termination		
(a) 2.4 Kbps through 19.2 Kbps		25.72
(b) 56.0 and 64.0 Kbps		39.79
(4) Optional Features and Functions		
(a) Bridging		7.85
(b) Loop Transfer		6.21
(c) Channel Service Unit, Per Termination for 2.4 Kbps through 56.0 Kbps		31.05

(Continued)

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Advice Letter No. 403

Decision No. _____

Issued by

Harry H. Baker

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Date Filed February 16, 2012

Effective March 31, 2012

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 1999, apply: - Continued

2. Special Access – Continued

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>
b. High Capacity Service		
(1) Channel Termination, Per Termination		
(a) DS1 (1.544 Mbps)	\$ 181.00	\$ 176.82
(b) Capacity of 1 DS3 (1X 44.736 Mbps) Interface - per DS3 Channel Installed	499.00	2,051.19 0.00
(c) Capacity of 3 DS3 (3X 44.736 Mbps) Interface - per DS3 Channel Installed	499.00	1,569.16 1,220.46
(d) Capacity of 6 DS3 (6X 44.736 Mbps) Interface - per DS3 Channel Installed	499.00	2,953.72 1,148.67
(e) Capacity of 12 DS3 (12X 44.736 Mbps) Interface - per DS3 Channel Installed	499.00	4,799.79 933.29
(2) Channel Mileage Facility, Per Mile		
(a) 64 Kbps		3.96
(b) 1.544 Mbps		19.14
(c) 44.736 Mbps		131.77

(Continued)

(To be inserted by utility)

Advice Letter No. 365

Decision No. 07-01-024

Issued by

Harry H. Baker

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TITLE

(To be inserted by Cal. P.U.C.)

Date Filed May 29, 2008

Effective August 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 1999, apply: - Continued

2. Special Access - Continued

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>
b. High Capacity Service – Continued		
(3) Channel Mileage Termination, Per Termination		
(a) 64 Kbps		\$ 39.79
(b) 1.544 Mbps		94.38
(c) 44.736 Mbps		525.64
(4) Optional Features and Functions		
(a) Multiplexing		
1) DS3 to DS1		474.31
2) DS1 to Voice		183.12
3) DS1 to DS0		183.12
4) DS0 to Subrates		
a) 2.4 Kbps		390.00
b) 4.8 Kbps		265.00
c) 9.6 Kbps		235.00
(b) Automatic Loop Transfer		158.00
(c) Transfer Arrangement Per 4 Port		172.20
(d) Network Channel Terminating Equipment		
1) 1.544 Mbps, Per Termination		89.60
2) Automatic Loop Transfer		360.00

(Continued)

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Date Filed May 29, 2008

Effective August 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 1999, apply: - Continued

2. Special Access - Continued

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>
c. Voice Grade Service		
(1) Channel Termination Two-Wire	\$ 161.00	\$ 37.83
(2) Channel Termination Four-Wire	161.00	60.53
(3) Channel Mileage Facility, Per Mile for Two-Wire or Four-Wire		2.70
(4) Channel Mileage Termination, Per Termination of Two-Wire or Four-Wire		27.08
(5) Special Access Surcharge, Per Voice Grade Equivalent		25.00
(6) Optional Features and Functions		
(a) Per Port for Two-Wire or Four-Wire Bridging for Voice, Data, or Telephoto		6.50
(b) Dataphone Sequential, Per Channel		
1) Two-Wire		22.19
2) Four-Wire		117.70
(c) Dataphone Addressable, Per Channel		
1) Two-Wire		23.75
2) Four-Wire		102.80

(Continued)

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Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 1999, apply: - Continued

2. Special Access - Continued

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>
c. Voice Grade Service - Continued		
(6) Optional Features and Functions - Continued		
(d) Telemetry/Alarm Bridging, Per Channel		
1) Split Band		\$ 8.89
2) Summation		3.47
3) Passive		0.24
(e) Conditioning Per Termination, C-Type		7.20
(f) Data Capability, Per Termination		4.95
(g) Telephoto Capability, Per Termination		9.02
(h) Improved Return Loss, Per Termination for Two-Wire or Four-Wire		12.80
(i) Customer Specified Receive Level, Per Termination		8.80
(j) Multiplexing-Voice to Telegraph, Per Arrangement		226.19
(k) Signaling Capability, Per Termination		12.95
(l) Selective Signaling, Per Arrangement		6.50
(m) Transfer Arrangement		
1) Four Port		3.13
2) Five Port		7.14

(Continued)

(To be inserted by utility)

Advice Letter No. 365

Decision No. 07-01-024

Issued by

Harry H. Baker

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President

TITLE

(To be inserted by Cal. P.U.C.)

Date Filed May 29, 2008

Effective August 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 1999, apply: - Continued

2. Special Access - Continued

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>
d. Synchronous Optical Channel Service		
(1) Channel Termination, Per Termination		
(a) OC3/OC3c (155.52 Mbps)	\$ 786.00	\$ 1,361.19
(b) OC12 (622.08 Mbps)	786.00	2,656.80
(2) Channel Mileage Facility, Per Mile		
(a) OC3/OC3c (155.52 Mbps)		140.00
(b) OC12 (622.08 Mbps)		280.00
(3) Channel Mileage Termination, Per Termination		
(a) OC3/OC3c (155.52 Mbps)		484.49
(b) OC12 (622.08 Mbps)		1,807.00
(4) Optional Features and Functions		
(a) Customer Node, Per Node		
1) OC3/OC3c (155.52 Mbps)	197.00	495.00
2) OC12 (622.08 Mbps)	197.00	1,430.00
(b) Customer Premises Port, Per Port		
1) OC3/OC3c (155.52 Mbps)	213.00	150.00
2) STS-1 (51.84 Mbps)	213.00	195.00
3) DS3 (44.736 Mbps)	213.00	195.00
4) DS1 (1.544 Mbps)	54.00	50.00
(c) Add/Drop Multiplexing, Central Office Port, Per Port		
1) OC3/OC3c (155.52 Mbps)		150.00
2) DS3 (44.736 Mbps)		100.00
3) DS1 (1.544 Mbps)		40.00

(Continued)

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Advice Letter No. 365

Decision No. 07-01-024

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Harry H. Baker

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Date Filed May 29, 2008

Effective August 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 1999, apply: - Continued

3. Access Order Charges

NON-RECURRING
CHARGE

a. Access Order Charge, Per Order	\$ 81.00
b. Service Date Change Charge, Per Order	34.00
c. Design Change Charge, Per Order	34.00

4. Miscellaneous Charges

a. Miscellaneous Order Charge, Per Order	34.00
b. Additional Engineering, Per 1/2 Hour or fraction thereof	
(1) Basic time	19.67
(2) Overtime	29.50
(3) Premium time	39.33

(Continued)

(To be inserted by utility)

Advice Letter No. 365

Decision No. 07-01-024

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Harry H. Baker

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TITLE

(To be inserted by Cal. P.U.C.)

Date Filed May 29, 2008

Effective August 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

The following NECA rates as of July 1, 1999, apply: - Continued

4. Miscellaneous Charges - Continued

	<u>NON-RECURRING CHARGE</u>
c. Additional Labor, Per 1/2 Hour or fraction thereof	
(1) Installation & Repair, Per Technician	
(a) Basic Time	\$ 20.76
(b) Overtime	31.13
(c) Premium Time	41.51
(2) Standby, Per Technician	
(a) Basic Time	19.28
(b) Overtime	28.92
(c) Premium Time	38.56
d. Testing & Maintenance, Per 1/2 Hour or fraction thereof	
(1) Per Installation and Repair Technician	
(a) Basic Time	20.76
(b) Overtime	31.13
(c) Premium Time	41.51
(2) Per Central Office Technician	
(a) Basic Time	19.05
(b) Overtime	28.57
(c) Premium Time	38.09
e. Late Payment Charge Per Day, Compounded Daily. All bills are due 31 days after the bill date.	0.000292

(Continued)

(To be inserted by utility)

Advice Letter No. 365

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Harry H. Baker

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Date Filed May 29, 2008

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Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

5. Intra-exchange Special Access Service – Grandfathered/Frozen

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>
Local Channels		
Each Local Loop		\$ 7.00
Inter-office channels		
Each mile or fraction thereof		6.40

The rates, charges, and regulations shown for services provided in Section 1.2.B.5. preceding apply only to those in service as of June 1, 1997, and which continue to be furnished to the same customer on the same premises, except that additions to the same system on the same premises for the same customer will be allowed. Such services are considered to be “grandfathered/frozen services.”

*In addition to Multi-Element Service Charges contained in Tariff Schedule Cal. P.U.C. No. A18.

(Continued)

(To be inserted by utility)

Advice Letter No. 365a

Decision No. 07-01-024

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Harry H. Baker

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TITLE

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Date Filed May 29, 2008

Effective August 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

(D)

(D)

(Continued)

(To be inserted by utility)

Advice Letter No. 469

Decision No. _____

Issued by

Cynthia A. Huber

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President

TITLE

(To be inserted by Cal. P.U.C.)

Date Filed Sept 1, 2020

Effective Oct 1, 2020

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

(D)

(D)

(Continued)

(To be inserted by utility)

Advice Letter No. 469

Decision No. _____

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Cynthia A. Huber

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B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

(D)

(D)

(Continued)

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Advice Letter No. 469

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Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

7. Billing and Collections

	<u>RATE</u>
a. Bill Processing, Per Message Billed The accumulation, guiding, and preparation of messages (including application of taxes) for customer bill rendering.	\$ 0.0350
b. Bill Rendering, Per Bill Rendered The printing and mailing of statements showing amounts due from customers, payment and remittance processing, treatment, denial of service, and the collection of money due from customers.	0.4260
c. Data Transmission of the Rated Customer Message Detail, Per Record Received or Transmitted	0.0045
d. Inquiry, Per Message Billed The answering of end user questions, either written or verbal, concerning disputed charges, explaining bills, crediting, and adjusting charges, and claims investigation.	0.0400

(Continued)

(To be inserted by utility)

Advice Letter No. 365

Decision No. 07-01-024

Issued by

Harry H. Baker

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(To be inserted by Cal. P.U.C.)

Date Filed May 29, 2008

Effective August 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

7. Billing and Collections - Continued

RATE

- | | |
|--|------------------|
| <p>e. Message Billing Services Rating, Per Message Billed
 The transforming of the recorded call into a rated or rerated message in preparation for billing.</p> | <p>\$ 0.0120</p> |
| <p>f. Record Keeping, Per End User Account, Per Bill Rendered
 The maintenance of the master file information for all billing accounts for that carrier.</p> | <p>0.0800</p> |
| <p>g. Recording Services, Per Customer Recorded Message
 The entering of the message detail onto the acceptable media.</p> | <p>0.0120</p> |

8. Telecommunications Service Priority (TSP)

The installation, use and restoration of TSP services shall be subject to the rates and conditions as set forth in NECA Tariff F.C.C. No. 5 Sections 13.3.3 (B) and 17.4.1 through 17.4.4.

(Continued)

(To be inserted by utility)

Advice Letter No. 365

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Issued by

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Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

9. Ethernet Transport Service (ETS)*

a. ETS Channel Terminations

(1) Per termination when customer designated premises located within 300 feet of ETS Serving Wire Center

	<u>NON-RECURRING CHARGE</u>		<u>MONTHLY RATE</u>	
(a) 10 Mbps	\$ 295.00	(I)	\$ 86.85	(R)
(b) 20 Mbps	295.00		95.34	
(c) 50 Mbps	295.00		110.23	
(d) 100 Mbps	295.00	(I)	122.48	
(e) 500 Mbps	442.00	(R)	195.97	
(f) 1 Gbps	442.00	(R)	293.96	(R)
(g) 2.5 Gbps	442.00		551.18	
(h) 5 Gbps	442.00		734.91	
(i) 10 Gbps	442.00		857.39	

(2) Per termination when customer designated premises located more than 300 feet from ETS Serving Wire Center

(a) 10 Mbps	\$ 295.00	(I)	\$ 252.93	(R)
(b) 20 Mbps	295.00		286.14	
(c) 50 Mbps	295.00		323.46	
(d) 100 Mbps	295.00	(I)	338.47	
(e) 500 Mbps	442.00	(R)	467.63	
(f) 1 Gbps	442.00	(R)	623.50	(R)
(g) 2.5 Gbps	442.00		1,203.01	
(h) 5 Gbps	442.00		1,827.10	
(i) 10 Gbps	442.00		2,496.33	

* ETS Term Discount Plan can be applied based on conditions listed in NECA Tariff F.C.C. No. 5 Section 17.4.8(C)(7) and 17.4.8(C)(8).

(Continued)

(To be inserted by utility)
 Advice Letter No. 478

Issued by
Cynthia A. Huber
NAME

(To be inserted by Cal. P.U.C.)
 Date Filed Jun. 21, 2021

Decision No. _____

President
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Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

9. Ethernet Transport Service (ETS)* - Continued

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>	
b. ETS Ports			
(1) Per ETS			
Basic Port			
(a) 10 Mbps	\$ 259.00 (I)	\$ 108.50	(R)
(b) 20 Mbps	259.00	120.54	
(c) 50 Mbps	259.00	127.76	
(d) 100 Mbps	259.00 (I)	139.38	
(e) 500 Mbps	388.00 (R)	223.02	
(f) 1 Gbps	388.00 (R)	334.52	(R)
(g) 2.5 Gbps	388.00	627.23	
(h) 5 Gbps	388.00	836.31	
(i) 10 Gbps	388.00	975.69	
(2) Per ETS			
Interconnection Port			
(a) 44.736 Mbps	\$ 175.00 (R)	\$1,446.58	(R)
(b) 155.52 Mbps	262.00	1,735.90	
(c) 622.08 Mbps	262.00 (R)	2,893.18	(R)
c. ETS Ethernet Virtual Connections (EVCs)			
(1) Per Intraswitch ETS			
Serving Wire Center			
(a) 5 Mbps	\$ 205.00 (I)	\$ 0.00	
(b) 10 Mbps	205.00	0.00	
(c) 20 Mbps	205.00	0.00	
(d) 50 Mbps	205.00	0.00	
(e) 100 Mbps	205.00	0.00	
(f) 500 Mbps	307.00	0.00	
(g) 1 Gbps	307.00 (I)	0.00	
(h) 2.5 Gbps	307.00	0.00	
(i) 5 Gbps	307.00	0.00	
(j) 10 Gbps	307.00	0.00	

* ETS Term Discount Plan can be applied based on conditions listed in NECA Tariff F.C.C. No. 5 Section 17.4.8(C)(7) and 17.4.8(C)(8).

(Continued)

(To be inserted by utility)

Advice Letter No. 478

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Cynthia A. Huber

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Effective Aug. 1, 2021

Resolution No. _____

B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

B. - Continued

9. Ethernet Transport Service (ETS)* - Continued

	<u>NON-RECURRING CHARGE</u>		<u>MONTHLY RATE</u>	
c. ETS Ethernet Virtual Connections (EVCs) - Continued				
(2) Per Interswitch ETS Serving Wire Center				
(a) 5 Mbps	\$ 205.00	(I)	\$ 51.43	(R)
(b) 10 Mbps	205.00		96.43	
(c) 20 Mbps	205.00		192.88	
(d) 50 Mbps	205.00		260.18	
(e) 100 Mbps	205.00		415.04	
(f) 500 Mbps	307.00		1,037.60	
(g) 1 Gbps	307.00	(I)	1,660.16	(R)
(h) 2.5 Gbps	307.00		3,631.59	
(i) 5 Gbps	307.00		6,225.59	
(j) 10 Gbps	307.00		7,470.71	
d. ETS Extended Ethernet Virtual Connections (E-EVCs)				
Per ETS E-EVC				
1) 5 Mbps	\$ 410.00	(I)	\$ 32.13	(R)
2) 10 Mbps	410.00		57.86	
3) 20 Mbps	410.00		115.73	
4) 50 Mbps	410.00		173.46	
5) 100 Mbps	410.00		278.77	
6) 500 Mbps	615.00		836.31	
7) 1 Gbps	615.00	(I)	1,393.84	(R)
8) 2.5 Gbps	615.00		2,439.23	
9) 5 Gbps	615.00		4,181.53	
10) 10 Gbps	615.00		5,017.84	

* ETS Term Discount Plan can be applied based on conditions listed in NECA Tariff F.C.C. No. 5 Section 17.4.8(C)(7) and 17.4.8(C)(8).

(Continued)

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B1. ACCESS SERVICE

1.2 RATES AND CHARGES – Continued

(N)

B. - Continued

9. Ethernet Transport Service (ETS) - Continued

	<u>NON-RECURRING CHARGE</u>	<u>MONTHLY RATE</u>
--	---------------------------------	-------------------------

e. ETS Design Change

Change to bandwidth or
removal of existing ETS
EVCs and/or ETS E-EVCs
Per ETS element

\$ 6.00

(N)

(Continued)

(To be inserted by utility)

Advice Letter No. 368

Issued by

Harry H. Baker

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Decision No. _____

President

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Resolution No. _____

B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS

A. Switched and Special Access

The Utility adopts the NECA rates as shown in Rates, 1.2.B.1. through B.4. preceding and concurs in the conditions along with the amendments thereto and successive issues thereof for these services in NECA Tariff F.C.C. No. 5 for the application to the intrastate access services.

B. Intra-exchange Special Access Service – Grandfathered/Frozen

Applicable to service provided under Rates, 1.2.B.5., preceding

The rates, charges, and regulations shown for services provided in Rates, 1.2.B.5. preceding apply only to those in service as of June 1, 1997, and which continue to be furnished to the same customer on the same premises, except that additions to the same system on the same premises for the same customer will be allowed. Such services are considered to be “grandfathered/frozen services.”

1. The rates and charges apply to local private lines used in connection with voice, telegraph, teletypewriter, program transmission, sound recording, and signaling services. These rates and charges apply to each physical, non-physical, metallic, or grounded circuit or channel.
2. Local private line channels are furnished subject to availability for specified purposes and are arranged in such a manner as the Utility may elect for its own operating conditions.
3. When unusual conditions are encountered in arranging for the service, such as loading, balancing, or special arrangements, additional charges may be applied based on the costs involved, subject to review of such charges by the California Public Utilities Commission.
4. Local private lines may not be connected for exchange or toll service. The local loop of a private line terminated on a private branch exchange switchboard may not be connected for toll service or for exchange service except to stations connected to the private branch exchange switchboard.

(Continued)

(To be inserted by utility)

Advice Letter No. 365a

Decision No. 07-01-024

Issued by

Harry H. Baker

NAME

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(To be inserted by Cal. P.U.C.)

Date Filed May 29, 2008

Effective August 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

B. Intra-exchange Special Access Service – Grandfathered/Frozen - Continued

Applicable to service provided under Rates, 1.2.B.5., preceding - Continued

5. Where construction of facilities is required to provide the requested services construction charges may apply, in accordance with tariff provisions. These charges will include Federal Income Tax and California Corporate Franchise Tax grossed-up amounts as listed in Schedule Cal. P.U.C. No. A2, Rule 3, Application for Service, Paragraph I.

6. The mileage rates for inter-office channels applies to the airline distance between the Central Offices involved.

C. Applicable to service provided under Rates, 1.2.B.2. through B.5., preceding

1. Discount to Certain Entities *

(D)

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

(To be inserted by utility)

Advice Letter No. 460

Decision No. 19-04-013

Issued by

Cynthia A. Huber

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President

TITLE

(To be inserted by Cal. P.U.C.)

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B1. ACCESS SERVICE

(D)

1.3 SPECIAL CONDITIONS - Continued

C. Applicable to service provided under Rates, 1.2.B.2. through B.5., preceding -
Continued

1. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

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Advice Letter No. 460

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B1. ACCESS SERVICE

(D)

1.3 SPECIAL CONDITIONS - Continued

C. Applicable to service provided under Rates, 1.2.B.2. through B.5. preceding -
Continued

1. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

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Advice Letter No. 460

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Cynthia A. Huber

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(To be inserted by Cal. P.U.C.)

Date Filed May 31, 2019

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Resolution No. _____

(D)

B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

C. Applicable to service provided under Rates, 1.2.B.2. through B.5. preceding -
Continued

1. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

(To be inserted by utility)

Advice Letter No. 460

Decision No. 19-04-013

Issued by

Cynthia A. Huber

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(D)

B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

C. Applicable to service provided under Rates, 1.2.B.2. through B.5. preceding -
Continued

1. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

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Advice Letter No. 460

Decision No. 19-04-013

Issued by

Cynthia A. Huber

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Date Filed May 31, 2019

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

C. Applicable to service provided under Rates, 1.2.B.2. through B.5. preceding -
Continued

1. Discount to Certain Entities – Continued

e. Utility Reimbursement

(T) (L)

The Utility will be reimbursed from the California Teleconnect Fund for the difference between the tariffed rate and the discounted rate, or if the rate negotiated is below the tariffed rate for businesses for such services, the Utility will be entitled to the sum that represents the percentage discount off the negotiated rate.

(L)

f. Resale of Discounts

(T)

The discounted rates described above may not be resold to, or shared with, any non-qualifying entity or person.

g. Funding

(T)

If the Executive Director of the California Public Utilities Commission (CPUC) determines that there are insufficient funds to reimburse the Utility for its claims against the California Teleconnect Fund, the CPUC will promptly inform the Utility concerning this condition and direct the Utility to suspend the offering of applicable discounted rates to qualifying Schools, Libraries, Government Owned Hospitals, Government Owned Health Clinics, California Community Colleges, and Community Based Taxed Exempt Organizations on a schedule consistent with fund balances and Utility claims and with appropriate prior notice to customers.

(N)

(L) Material now located on Cal. P.U.C. Schedule B1, Sheet 21.1.

(Continued)

(To be inserted by utility)

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Decision No. 08-06-020

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Harry H. Baker

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Effective Dec 29, 2008

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

D. Broadband Fast Packet Access Services

1. General

Broadband Fast Packet Access Services provide high speed connectivity over a wide geographic area. Broadband Fast Packet Services use digital transmission facilities and switching technology to provide high speed information transfers for users with large bandwidth requirements.

Broadband Fast Packet technology divides data into blocks (packets) with fixed maximum lengths. These packets are transported through the Utility's network. Each packet contains the necessary information to ensure accurate data transfer to its destination.

a. Definitions

Bit(s): The smallest unit(s) of information (data) that a computer can process.

Data Link Connection Identifier (DLCI): The address information assigned to customer designated end points used to identify permanent virtual connections and route frames of data.

Digital Signal, Level Zero (DS0): The worldwide standard speed (64,000 bits per second) for digitizing one voice conversation.

Digital Signal, Level One (DS1): DS1 is also referred to as a T-1. DS1 is a 1.544 Mbps digital signal carried on a T-1 transmission facility. DS1 equals twenty-four DS0 voice grade conversations.

Digital Service, Level 3 (DS3): A digital signal with 672 standard voice channels operating as 44.736 Mbps. It is equivalent to 28 DS1s or T-1s (a standard for digital transmission).

(Continued)

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Decision No. 07-01-024

Issued by

Harry H. Baker

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(To be inserted by Cal. P.U.C.)

Date Filed May 29, 2008

Effective August 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

D. Broadband Fast Packet Access Services - Continued

1. General - Continued

a. Definitions - Continued

Frame: A group of data bits, in a specific format, with a flag at each end to indicate the beginning and end of the frame. The defined format enables network equipment to recognize the meaning and purpose of specific bits.

KiloBits Per Second (Kbps): One thousand bits per second.

MegaBits Per Second (Mbps): One million bits per second.

Multi-Cast: The broadcast of messages to a selected group of workstations on a local area network, wide area network, or internet.

Multiplexing: To transmit two or more signals over a single communications channel or circuit.

Network-to-Network Interface (NNI): The physical link between frame relay switches.

Packet: A bundle of data, usually in binary form, organized in a specific way for transmission.

(Continued)

(To be inserted by utility)

Advice Letter No. 365

Decision No. 07-01-024

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

D. Broadband Fast Packet Access Services - Continued

1. General - Continued

a. Definitions - Continued

Permanent Virtual Connection (PVC): A virtual circuit set up administratively, by a network operator, for a dedicated point-to-point connection between two customer designated end points.

Port: The physical entry point for the local loop access to the Frame Relay Service (FRS) network.

Traffic Detail: A monthly report of data traffic information that provides the customer with details on frame and byte counts and on dropped and congested frames.

User-to-Network Interface (UNI): The physical point of connection between the customer, the carrier's point of presence, and the frame relay switch port interface.

Virtual Circuit: A connection established through a frame relay or packet network. Frames or packets are routed through the connection as an order-preserving transfer of data. This connection functions like a dedicated circuit between the end points.

(D)

(D)

(Continued)

(To be inserted by utility)

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Decision No. _____

Issued by

Cynthia A. Huber
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(To be inserted by Cal. P.U.C.)

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

D. Broadband Fast Packet Access Services - Continued

(D)

(D)

(Continued)

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

D. Broadband Fast Packet Access Services - Continued

(D)

(D)

(Continued)

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

D. Broadband Fast Packet Access Services - Continued

(D)

(D)

(Continued)

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Advice Letter No. 469

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

D. Broadband Fast Packet Access Services - Continued

(D)

(D)

(Continued)

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B1. ACCESS SERVICE

(D)

- 1.3 SPECIAL CONDITIONS - Continued
 - D. Broadband Fast Packet Access Services - Continued
 - 2. Frame Relay Service (FRS) Description - Continued
 - e. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

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Advice Letter No. 460

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B1. ACCESS SERVICE

(D)

- 1.3 SPECIAL CONDITIONS - Continued
 - D. Broadband Fast Packet Access Services - Continued
 - 2. Frame Relay Service (FRS) Description - Continued
 - e. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

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B1. ACCESS SERVICE

- 1.3 SPECIAL CONDITIONS - Continued
 - D. Broadband Fast Packet Access Services - Continued
 - 2. Frame Relay Service (FRS) Description - Continued
 - e. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

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(D)

(D)

B1. ACCESS SERVICE

- 1.3 SPECIAL CONDITIONS - Continued
 - D. Broadband Fast Packet Access Services - Continued
 - 2. Frame Relay Service (FRS) Description - Continued
 - e. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

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B1. ACCESS SERVICE

(D)

- 1.3 SPECIAL CONDITIONS - Continued
 - D. Broadband Fast Packet Access Services - Continued
 - 2. Frame Relay Service (FRS) Description - Continued
 - e. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

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B1. ACCESS SERVICE

(D)

- 1.3 SPECIAL CONDITIONS - Continued
 - D. Broadband Fast Packet Access Services - Continued
 - 2. Frame Relay Service (FRS) Description - Continued
 - e. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

D. Broadband Fast Packet Access Services - Continued

(D)

(D)

(Continued)

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

E. Telecommunications Service Priority (TSP)

1. The Telecommunications Service Priority (TSP) is the regulatory, administrative, and operational system authorizing and providing for priority treatment, to initiate and restore National Security and Emergency Preparedness (NS/EP) telecommunications services. Under the rules of the TSP system, telephone companies are authorized and required to provision and restore services with TSP assignments before services without such assignments.
2. Priority installation and/or restoration of NS/EP telecommunications services shall be provided in accordance with Part 64.401, Appendix A, of the Federal Communications Commission's (FCC's) Rules and Regulations.
3. The Utility will arrange a TSP Access Service upon receipt of certification as authorized by Part 64, Subset D, Appendix A of the FCC's Rules and Regulations.
4. In addition, TSP system service shall be provided in accordance with the guidelines set forth in the National Communications System (NCS) Service Vendor Handbook 3-1-2 dated December 10, 2000, and the NCS Service User Manual 3-1-1 dated May 5, 2000 and successive issues.
5. TSP service applicability is limited to those access services which the Utility can discretely identify for priority installation and/or restoration.
6. Additional conditions as listed in NECA Tariff F.C.C. No. 5 in Section 13.3.3 (B) are also applicable to TSP service.

(Continued)

(N)

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

F. Ethernet Transport Service (ETS)

1. General

Ethernet Transport Service (ETS) is a high-speed data transport service that provides end-to-end transmission using Ethernet packet technology at transport speeds ranging from 5 Mbps to 10 Gbps, where available, and has the ability to connect multiple locations using the Utility's ETS network. (C)

2. ETS Service Description

- a. ETS is provided using a combination of ETS Channel Terminations (ETS CTs), ETS Ports, ETS Ethernet Virtual Connections (ETS EVCs), and ETS Extended Ethernet Virtual Connections (ETS EVCs).
- b. ETS may be used in conjunction with Special Access High Capacity DS3 and Synchronous Optical Channel Service OC3 and OC12 Services. Rates for these services are provided under Section 1.2.B.2.
- c. An ETS Port is required to provide the interface into the Utility's ETS network. ETS EVCs establish a shared transmission path between any two ETS Ports on the Utility's ETS network. ETS E-EVCs may be ordered to connect the Utility's ETS network to an adjacent Utility's Ethernet network.
- d. The transmission quality of ETS is not guaranteed and is offered to ETS customers at a best effort level. The Utility will attempt to deliver all Ethernet packets received: however, network congestion may result in a loss of Ethernet packets. Transmission speeds using copper facilities may be affected by distance from the Utility's central office and other technical limitations in the Utility's copper network are also not guaranteed.
- e. Service is provided, where available, between customer-designated premises (CDPs) and designated Utility Serving Wire Centers (SWCs). ETS will be furnished where suitable facilities exist as determined by the Utility.
- f. The Utility will identify its ETS-equipped SWCs in the NECA Tariff F.C.C. No. 4.

(Continued)

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B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

(N)

F. Ethernet Transport Service (ETS)

2. ETS Service Description - Continued

g. The minimum periods for ETS service elements provided to an ETS customer and for which charges are applicable are:

- (1) Twelve months for ETS Basic Ports and ETS Interconnection Ports, and
- (2) One month for all other ETS elements.

3. Obligations of the Customer

In addition to the regulations described in other sections of this tariff, the following provisions apply to ETS:

a. The ETS customer is responsible for providing the Utility with the necessary information to provision ETS, including:

- (1) The customer designated premises;
- (2) The type(s) of ETS Port interface(s);
- (3) The speed for each ETS Port;
- (4) The number and bandwidth capacity for each ETS Channel Termination (ETS CT), ETS Ethernet Virtual Connection (ETS EVC) and ETS Extended Ethernet Virtual Connection (ETS E-EVC) associated with an ETS Port;
- (5) Options desired, if applicable;
- (6) That the traffic consists of less than 10 percent interstate traffic.

b. The ETS customer is responsible for providing and maintaining all required customer premises equipment (CPE), which is compatible with ETS and complies with the standards specified in Technical Reference IEEE Standard 802.3, Part 3.

c. When connecting to the ETS Port of another customer, the ordering customer must obtain authorization from the other customer.

4. Additional conditions as listed in NECA Tariff F.C.C. No. 5 Section 16.3 are also applicable to ETS service.

(N)

(Continued)

(To be inserted by utility)

Advice Letter No. 368

Issued by

Harry H. Baker

NAME

(To be inserted by Cal. P.U.C.)

Date Filed Oct. 2, 2008

Decision No. _____

President

TITLE

Effective Nov. 4, 2008

Resolution No. _____

B1. ACCESS SERVICE

- 1.3 SPECIAL CONDITIONS - Continued
 - F. Ethernet Transport Service (ETS)
 - 5. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(To be inserted by utility)

Advice Letter No. 460

Decision No. 19-04-013

Issued by

Cynthia A. Huber

NAME

President

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(To be inserted by Cal. P.U.C.)

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Resolution No. _____

(D)

(D)

B1. ACCESS SERVICE

(D)

1.3 SPECIAL CONDITIONS - Continued

F. Ethernet Transport Service (ETS) - Continued

5. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

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(D)

B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

F. Ethernet Transport Service (ETS) - Continued

5. Discount to Certain Entities *

*California Teleconnect Fund Discounted Services now located on Cal. P.U.C. Schedule A27. (N)

(Continued)

(D)

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Resolution No. _____

(D)

B1. ACCESS SERVICE

1.3 SPECIAL CONDITIONS - Continued

F. Ethernet Transport Service (ETS) - Continued

5. Discount to Certain Entities *

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1.3 SPECIAL CONDITIONS - Continued

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(D)

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