

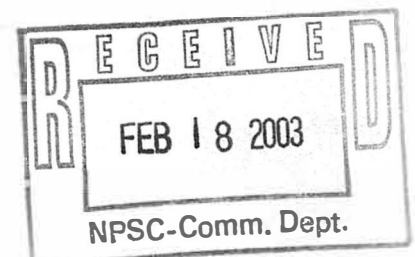
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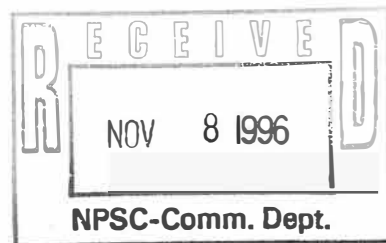
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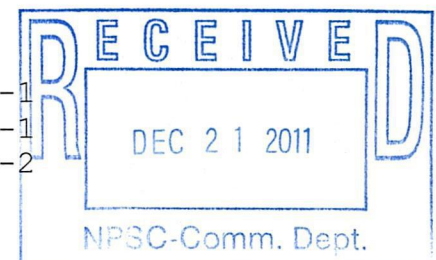
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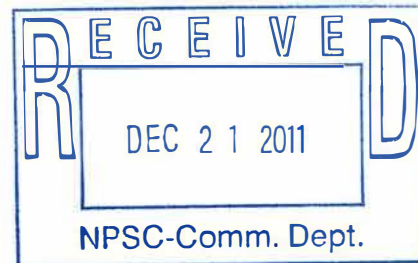
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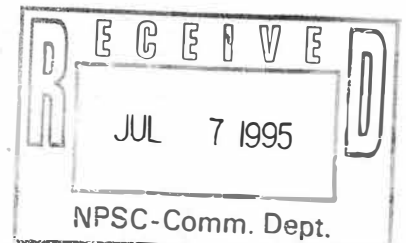
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EXPLANATION OF SYMBOLS

- C - to signify changed regulation.
- D - to signify discontinued rate or regulation.
- I - to signify increase to a rate or change.
- M - to signify matter relocated without change.
- N - to signify new rate or regulation.
- R - to signify reduction to a rate or charge.
- S - to signify matter reissued without change.
- T - to signify a change in text but no change in rate or regulation.
- Z - to signify a correction.

EXPLANATION OF ABBREVIATIONS

- ACR - Access Charge Residual
- ANI - Automatic Number Identification
- AP - Program Audio
- BHMC - Busy Hour Minutes of Capacity
- CCS - Common Channel Signaling
- CDP - Customer Designated Premises
- CI - Channel Interface
- CO - Central Office
- Cont'd - Continued
- CPE - Customer Provided Equipment
- CPN - Calling Party Number
- CSP - Carrier Selection Parameter
- DA - Directory Assistance
- dB - Decibel
- DDD - Direct Distance Dialing
- EAS - Extended Area Service
- EDD - Envelope Delay Distortion
- EML - Expected Measured Loss
- EPL - Echo Path Loss
- ERL - Echo Return Loss
- F.C.C. - Federal Communications Commission
- HC - High Capacity
- Hz - Hertz
- IC - Interexchange Carrier
- ICB - Individual Case Basis
- kbps - kilobits per second
- kHz - kilohertz
- LATA - Local Access and Transport Area
- Mbps - Megabits per second
- MHz - Megahertz
- MOU - Minutes of Use
- MRC - Monthly Recurring Charge
- MT - Metallic



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EXPLANATION OF ABBREVIATIONS (Cont'd.)

MTS	-	Message Telecommunications Service(s)
MTSO	-	Mobile Telephone Switching Office
NPA	-	Numbering Plan Area
NRC	-	Nonrecurring Charge
NXX	-	Three-Digit Central Office Prefix
PBX	-	Private Branch Exchange
PIC	-	Presubscribed Interexchange Carrier
POT	-	Point of Termination
SAC	-	Service Area Code
SNAL	-	Signaling Network Access Link
SP	-	Signaling Point
SPOI	-	Signaling Point of Interface
SRL	-	Singing Return Loss
SSP	-	Service Switching Point
SS7	-	Signaling System 7
STP	-	Signal Transfer Point
SWC	-	Serving Wire Center
TV	-	Television
VG	-	Voice Grade
V & H	-	Vertical and Horizontal
WATS	-	Wide Area Telecommunications Service(s)
WSO	-	WATS Serving Office

REFERENCE TO OTHER CATALOGS, RATE LISTS OR TARIFFS

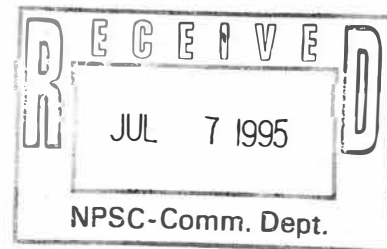
Whenever reference is made in this catalog to other catalogs, rate lists or tariffs of the Telephone Company, the reference is to those documents in force as of the effective date of this catalog and to amendments thereto and successive issues thereof.

The following tariffs are referenced in this catalog and may be obtained from the Federal Communications Commission's commercial contractor:

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
ACCESS SERVICE
TARIFF F.C.C. NO. 5

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
SPECIAL CONSTRUCTION
TARIFF F.C.C. NO. 3

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
WIRE CENTER INFORMATION
TARIFF F.C.C. NO 4



ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS

The following technical publications are referenced in this catalog and may be obtained from Bell Communications Research, Inc., Customer Services, 60 New England Ave., Piscataway, NJ 08854-4196:

PUB 41004 Data Communications Using Voiceband Private Line Channels
Issued: October 1973

PUB 62310 Digital Data System Channel Interface Specification
Issued: September 1983

PUB 62411 High Capacity Digital Service Channel Interface
Specification
Issued: September 1983, Addendum October 1984

TR-TSY- 000335, Issue 2 Voice Grade Special Access Service -
Transmission Parameter Limits and Interface Combinations
Issued: May 1990

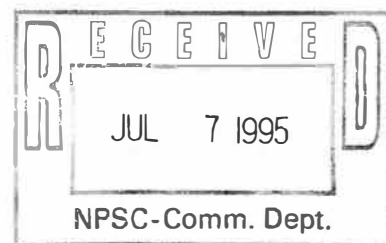
TR-NPL-000337 Program Audio Special Access Service and Local
Channel Services
Issued: July 1987

TR-NPL-000338 Television Special Access and Local Channel Services-
Transmission Parameter Limits and Interface Combinations
Issued: December 1986

TR-NPL-000341 Digital Data Special Access Service - Transmission
Parameter and Interface Combinations
Issued: March 1989

TR-INS-000342 High Capacity Digital Special Access Service
Issued: February 1991

TR-NPL-000054 High Capacity Digital Service (1.544 Mbps) Interface
Generic Requirements for End Users
Issued: April 1989



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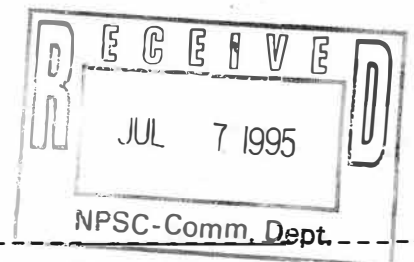
REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd.)

The following publication is referenced in this catalog and may be obtained from Director-Sales Operations, Integrated Network Corporation, P.O. Box 6875, Bridgewater, N.J. 08807.

Integrated Network Corporation
Document CB-INC-100
Available: June 1990

The following publication is referenced in this tariff and may be obtained from AT&T, 26 Parsippany Road, Whippany, N.J. 07981.

AT&T PUB 62310
(and its Addendum 2 and Addendum 3)
Available: October 1989



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Effective: July 16, 1995

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REFERENCE TO NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF

Please refer to the NATIONAL EXCHANGE CARRIER ASSOCIATION (NECA), INC., TARIFF F.C.C. NO. 5 for regulations, terms and conditions. Exceptions to that tariff are listed as follows. All applicable references to "interstate" are considered to be "intrastate" for the purposes of this catalog.

1. Application of Catalog

- 1.1 This catalog contains regulations, rates and charges applicable to the provision of Switched Access, Special (T) Access, Carrier Common Line, and other miscellaneous services, hereinafter referred to collectively as service(s). These services are provided to customers by Hamilton Telephone Company, a Nebraska local exchange carrier, hereinafter referred to as the Telephone Company. This catalog also contains Access Ordering regulations and charges that are applicable when these services are ordered or modified by the customer.

- 1.3 The provisions of this catalog apply to intrastate intraLATA and interLATA access service. The regulations, rates and charges contained herein are in addition to the applicable regulations, rates and charges specified in other rate lists and/or catalogs of the Telephone Company which are referenced herein.

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2. General Regulations

2.3 Obligations of the Customer

2.3.11 Jurisdictional Report and Certification Requirements

(A) Certification Requirements - Special Access

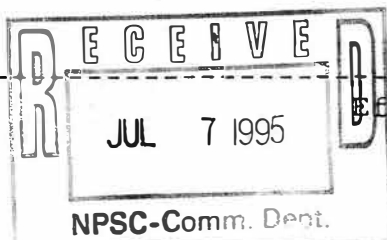
When the customer orders Special Access Service, and the customer certifies to the Telephone Company in writing that less than 10 percent of the traffic is interstate, the service is considered to be intrastate and is provided under this catalog.

Following initial certification, should the jurisdictional nature of the customer's Special Access Service change, the customer should inform the Telephone Company in writing of the change. The effective date of the change will be the date the Telephone Company receives the customer's notice of change. No charge applies for the jurisdictional change.

(B) Disputes Involving Jurisdictional Certification - Special Access

If a dispute arises concerning the certification of projected interstate/intrastate traffic as described in (A) above or a regulatory commission questions the customer-provided interstate percentage, the Telephone Company will ask the customer to provide the data the customer used to determine the traffic split. The customer shall supply the data within thirty (30) days of the Telephone Company request. The customer shall keep records of system design and functions from which the percentage of interstate and intrastate use can be ascertained and, upon request of the Telephone Company, make the records available for inspection as reasonably necessary for purposes of verification of the percentages. If the reply results in a jurisdictional change of a Special Access Service, the effective date of the change will be the date

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2. General Regulations (Cont'd.)

2.3 Obligations of the Customer (Cont'd.)

2.3.11 Jurisdictional Report and Certification Requirements (Cont'd.)

(B) Disputes Involving Jurisdictional Certification - Special Access (Cont'd.)

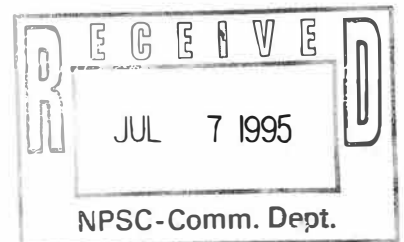
the Telephone Company receives the customer's reply. There is no charge when the customer's reply results in a jurisdictional change in the Special Access Service.

(C) Jurisdictional Reports - Switched Access

For Switched Access Service, the Telephone Company cannot in all cases determine the jurisdictional nature of customer traffic and its related access minutes. In such cases the customer may be called upon to provide a projected estimate of its traffic, split between the interstate and intrastate jurisdictions. The following regulations govern such estimates, their reporting by the customer and cases where the Telephone Company will develop jurisdictional percentages.

(1) General

A call that originates in Nebraska and terminates in Nebraska is an intrastate call, regardless of where the call enters the interexchange carrier's network.



ACCESS SERVICE

2. General Regulations (Cont'd.)

2.3 Obligations of the Customer (Cont'd.)

2.3.11 Jurisdictional Report Certification Requirements
(Cont'd.)

(C) Jurisdictional Reports - Switched Access
(Cont'd.)

(1) General (Cont'd)

The percentage of interstate use (PIU) factors described in NECA TARIFF F.C.C. NO. 5, Section 2.3.11 (C) (2)-(4) are applied to usage rated Carrier Common Line, Information Surcharge, Local Switching, and Local Transport (or Tandem Switched Transport, where appropriate) charges. Separate PIUs are required for flat rated Entrance Facilities, Direct Trunked Transport and Multiplexers. (T)

Except where the Telephone Company measured access minutes are used as set forth following, the customer shall report the percentage of interstate use as set forth in Section 2.3.11 (C) (2) or (3) of NECA TARIFF F.C.C. NO. 5, and such report will be used for billing purposes until the customer reports a different projected PIU for an in-service end office group. When the customer adds busy hour minutes of capacity (BHMC), lines or trunks to an existing end office group, the customer shall furnish a revised projected PIU that applies to the total BHMC, lines or trunks.

When the customer discontinues BHMC, lines or trunks from an existing group, the customer shall furnish a revised projected PIU for the remaining BHMC, lines or trunks in the end office group. The revised report will serve as the basis for future billing and will be effective on the next bill date. No prorating or back billing will be done based on the report.

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2. General Regulations (Cont'd.)

2.3 Obligations of the Customer (Cont'd.)

2.3.11 Jurisdictional Report Certification Requirements
(Cont'd.)

(C) Jurisdictional Reports - Switched Access
(Cont'd.)

(1) General (Cont'd)

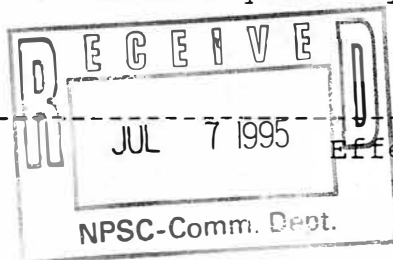
Effective on the first of January, April, July and October of each year the customer shall update the interstate and intrastate jurisdictional report. The customer shall forward to the Telephone Company, to be received no later than fifteen (15) days after the first of each such month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate use.

Except where the Telephone Company is billing according to actuals by jurisdiction, the revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on the report.

When the quarterly reports are not supplied by the customer, the following steps, as set forth in (a) through (e) following, will be taken by the Telephone Company.

- (a) If the customer does not supply the reports, the Telephone Company will assume the percentages to be the same as those provided in the last quarterly report. For those cases in which a quarterly report has never

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2. General Regulations (Cont'd.)

2.3 Obligations of the Customer (Cont'd.)

2.3.11 Jurisdictional Report Certification Requirements
(Cont'd.)

(C) Jurisdictional Reports - Switched Access
(Cont'd.)

(1) General (Cont'd.)

(a) (Cont'd.)

been received from the customer, the Telephone Company will assume the percentages to be the same as those provided in the order for service as set forth in NECA TARIFF F.C.C. NO. 5, Section 2.3.11(C)(2)-(4).

(b) If no report is received by the date specified, the Telephone Company will send a letter to the customer (by certified U. S. Mail, return receipt requested) requesting an updated interstate percentage within thirty (30) days and reminding them that if no report is received, the procedures set forth in (c) following will begin.

(c) If no report is received within thirty (30) days, the Telephone Company will designate a fifty percent (50%) interstate percentage beginning with the next billing period. This interstate percentage will be applied until an updated PIU report is submitted or until the provisions set forth in (d) or (e) following are met. The Telephone Company will send a letter to the customer (by certified U. S. Mail, return receipt requested) requesting work papers used by the customer to substantiate the most recent interstate percentage. The requested information must be submitted by the customer to the

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2. General Regulations (Cont'd.)

2.3 Obligations of the Customer (Cont'd.)

2.3.11 Jurisdictional Report Certification Requirements
(Cont'd.)

(C) Jurisdictional Reports - Switched Access
(Cont'd.)

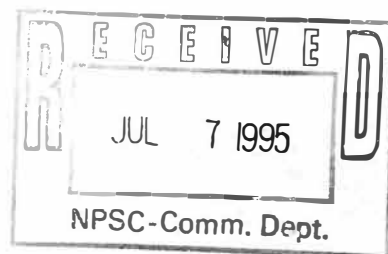
(1) General (Cont'd.)

(c) (Cont'd.)

Telephone Company within thirty (30) days after receipt of the certified letter.

(d) Upon receipt of the customer's work papers and summary, the Telephone Company will begin using the interstate percentage derived from the work papers and summary with the next billing period and will review the work papers and summary submitted within thirty (30) days from receipt of the information.

(e) If after review of the information, it is determined that a billing dispute exists, the Telephone Company will continue to use the derived interstate percentage, until the Telephone Company and the customer review documentation and agree to establish a revised interstate percentage. The Telephone Company will use the revised percentage with the next billing period.



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2.4 Payment Arrangements and Credit Allowances

2.4.1 Payment of Rates, Charges and Deposits

(B) Bill Dates

(1) End User Access Service and
Presubscription

The alternate billing schedule described in NECA TARIFF F.C.C. NO. 5, Section 2.4.1(B)(1) is not applicable on an intrastate basis.

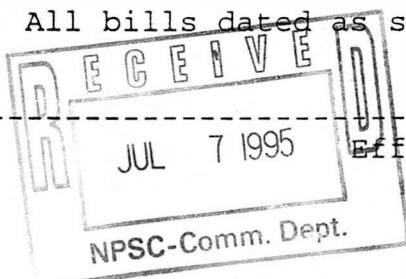
(2) Miscellaneous Access Services

For miscellaneous services and nonusage sensitive Switched Access Service charges, the Telephone Company will establish a bill day each month for each customer account or advise the customer in writing of an alternate billing schedule. Alternate billing schedules shall not be established on less than 60 days notice or initiated by the Telephone Company more than twice in any consecutive 12 month period. The bill will cover nonusage sensitive service charges for the ensuing billing period for which the bill is rendered, any known unbilled nonusage sensitive charges for prior periods and unbilled usage charges for the period after the last bill day through the current bill day. Any known unbilled usage charges for prior periods and any known unbilled adjustments will be applied to this bill. Payment for such bills is due in immediately available funds by the payment date, as set forth in (C) following. If payment is not received by the payment date, a late payment penalty will be assessed as set forth in (C) following.

(C) Payment Dates and Late Payment Penalties

(1) All bills dated as set forth in (B)(2)

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2.4 Payment Arrangements and Credit Allowances (Cont'd.)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd.)

(C) Payment Dates and Late Payment Penalties
(Cont'd.)

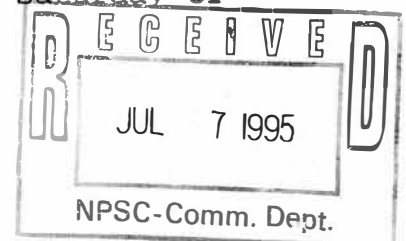
(1) (Cont'd.)

preceding for service provided to the customer by the Telephone Company are due 31 days (payment date) after the bill day or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, except as provided herein, and are payable in immediately available funds. If the customer does not receive a bill at least 20 days prior to the 31 day payment due date, then the bill shall be considered delayed. When the bill has been delayed, upon request of the customer the due date will be extended by the number of days the bill was delayed. Such request of the customer must be accompanied with proof of late bill receipt.

If such payment date would cause payment to be due on a Saturday, Sunday or Legal Holiday, payment for such bills will be due from the customer as follows:

-If the payment date falls on a Sunday or on a Legal Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Legal Holiday.

-If the payment date falls on a Saturday or on a Legal Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Legal Holiday.



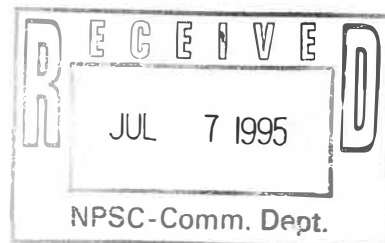
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2.4 Payment Arrangements and Credit Allowances (Cont'd.)

2.4.4 Credit Allowance for Service Interruptions

(C) When a Credit Allowance Does Not Apply

- (5) No credit allowance will be made for interruptions of a service which continue because of the failure of the customer to authorize replacement of any element of special construction, as set forth in Section 8 of this catalog. The period for which no credit allowance is made begins on the seventh day after the customer receives the Telephone Company's written notification of the need for such replacement and ends on the day after receipt by the Telephone Company of the customer's written authorization for such replacement.



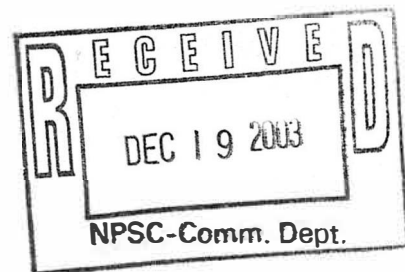
Issued: July 6, 1995

Effective: July 16, 1995

ACCESS SERVICE

3. Reserved for Future Use

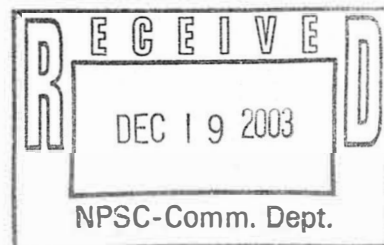
(D)



ACCESS SERVICE

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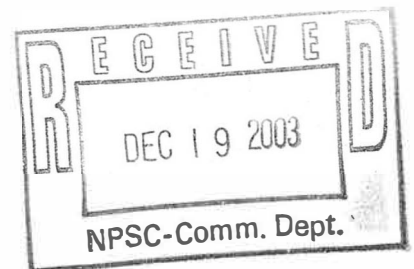
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ACCESS SERVICE

3. Reserved for Future Use

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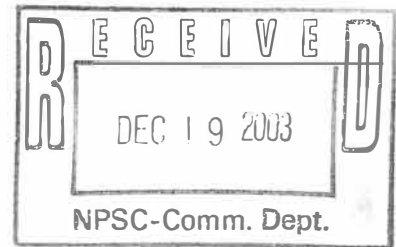
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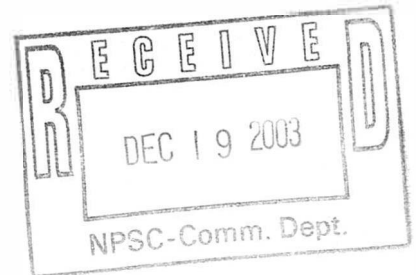
Issued: December 19, 2003

Effective: January 1, 2004

ACCESS SERVICE

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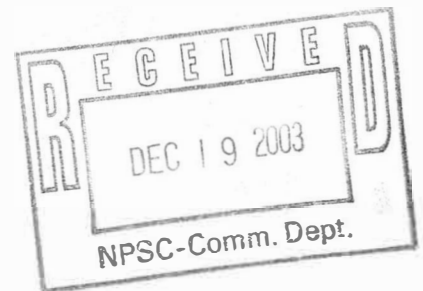
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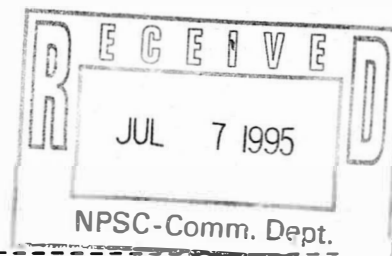


Issued: December 19, 2003

Effective: January 1, 2004

ACCESS SERVICE

4. Reserved for future use.



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Effective: July 16, 1995

ACCESS SERVICE

5. Access Ordering

5.1 General

This section sets forth the regulations and order related charges for services set forth in other sections of this catalog. Order related charges are in addition to other applicable charges for the services provided.

An Access Order is an order to provide the customer with Switched and Special Access or Access Related Service or to provide changes to existing services.

The regulations, rates and charges for special construction are set forth in Section 8 of this catalog and are in addition to the regulations, rates and charges specified in this section.

A customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identical except those for multipoint service.

The customer shall provide to the Telephone Company the order information required in Section 5.2 and in addition the customer must also provide:

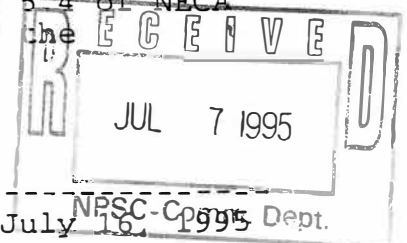
-Customer name and premises address(es).

-Billing name and address (when different from customer name and address).

-Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

5.1.2 Expedited Orders

When placing an Access Order, a customer may request a service date that is prior to the applicable service date. A customer may also request an earlier service date on a pending Access Order. In this case, an access order modification as set forth in Section 5.4 of NECA TARIFF F.C.C. NO. 5 is required. If the



ACCESS SERVICE

5. Access Ordering (Cont'd.)

5.1 General (Cont'd.)

5.1.2 Expedited Orders

Telephone Company determines that the service can be provided on the requested date and that additional labor cost or extraordinary costs are required to meet the requested service date, the customer will be notified and will be provided with an estimate of the additional charges involved. Charges will be billed at actual cost, not to exceed 10 percent over estimated charges. Such additional charges will be determined and billed to the customer as explained following.

To calculate the additional labor charges, the Telephone Company will, upon authorization from the customer to incur the additional labor charges, keep track of the additional labor hours used to meet the request of the customer and will bill the customer at the applicable Additional Labor charges as set forth in 17.4.3(A) following.

To develop, determine and bill the customer the extraordinary costs which may be involved, the Special Construction terms and conditions as set forth in Section 8 of this catalog will be used by the Telephone Company. Authorization to incur the costs and to bill the customer will be according to the terms and conditions of Section 8 of this catalog.

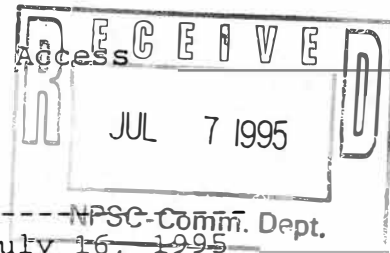
When the request for expediting occurs after the issuance of the Access Order, a Service Date Change Charge, as set forth in 17.4.1(B) following also applies.

5.2 Ordering Requirements

5.2.1 Switched Access Service

(A) Feature Group A

Orders for Feature Group A Switched Access Service shall be in lines.



ACCESS SERVICE

5. Access Ordering (Cont'd.)

5.2 Ordering Requirements (Cont'd.)

5.2.1 Switched Access Service (Cont'd.)

(A) Feature Group A (Cont'd.)

When placing an order for Feature Group A, the customer shall provide the following information in addition to that set forth in 5.1 preceding:

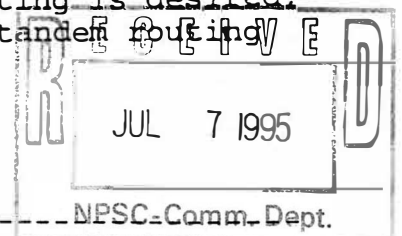
- The number of lines and the first point of switching (i.e., Dial Tone Office),
- Optional Features,
- Whether the Off-hook Supervisory Signaling is provided by the customer's equipment before the called party answers, or is forwarded by the customer's equipment when the called party answers,
- Lines to be provided as single lines,
- Lines to be arranged in multiline hunt group arrangements,
- Directionality (1-way, 2-way, etc.),
- A projected percentage of PIU as set forth in 2.3.11 preceding,
- The Interexchange Carrier to which the service is connected or, in the alternative, specification of the means by which the FGA access communications are transported within the state.

(B) Feature Group B

Orders for Feature Group B Switched Access Service shall be in trunks.

When placing an order for Feature Group B Service, the customer shall provide the following information in addition to that set forth in 5.1 preceding:

- The number of trunks,
- The end office when direct routing is desired.
- The access tandem office when tandem routing is desired,



ACCESS SERVICE

5. Access Ordering (Cont'd.)

5.2 Ordering Requirements (Cont'd.)

5.2.1 Switched Access Service (Cont'd.)

(B) Feature Group B (Cont'd.)

- Optional Features,
- Trunks to be provided as single trunks,
- Trunks to be arranged in trunk group arrangements,
- Directionality (1-way, 2-way, etc.),
- A projected percentage of PIU as set forth in 2.3.11 preceding,
- The Interexchange Carrier to which the service is connected or, in the alternative, specification of the means by which the FGB access communications are transported within the state,
- The access code dialing arrangement (i.e., a uniform access code of 950-XXXX),
- For Feature Group B service to a Mobile Telephone Switching Office (MTSO) directly interconnected to a Telephone Company access tandem office, the customer shall provide information to the Telephone Company indicating the NXX code(s) to be accessed.

5.2.2 Special Access Service

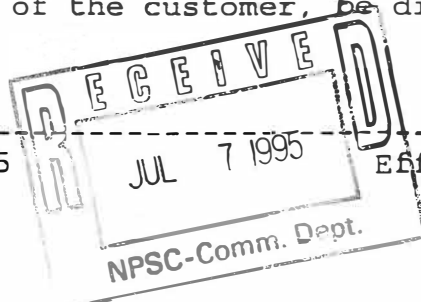
When placing an order for Special Access Service the customer must specify:

- The customer designated premises or hubs involved,
- Type of service (e.g., voice grade, high capacity, etc.),
- The channel interface(s),
- Technical specification package,
- Options desired,
- That the traffic consists of less than 10 percent interstate traffic.

For multipoint services, the channel interface at each customer designated premises may, at the request of the customer, be different, but all such

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ACCESS SERVICE

5. Access Ordering (Cont'd.)

5.2 Ordering Requirements (Cont'd.)

5.2.2 Special Access Service (Cont'd.)

interfaces shall be compatible.

All part-time Video and Program Audio services are subject to a service inquiry. A service inquiry is a request to the Telephone Company to determine if facilities exist to provide the service ordered and to determine the service date on which service can be provided to the customer.

Where the Special Access Service is exempt from the Special Access Surcharge, as set forth in 7.3 of NECA TARIFF F.C.C. NO. 5, the customer shall furnish written certification to that effect as set forth therein.

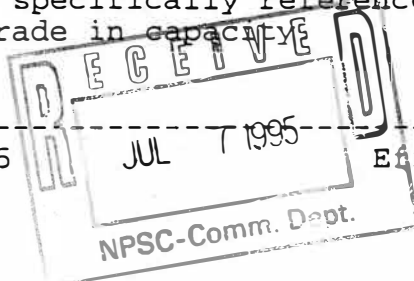
When ordering bridging and/or multiplexing the customer must specify only those hubs that provide the type of service ordered and interconnect with the wire center(s) from which the customer requires service. The Wire Center section of NECA TARIFF F.C.C. NO. 4 identifies hub types (e.g., digital data, high capacity multiplexing, etc.) and hub levels (e.g., hub, terminus hub, intermediate hub, and super-intermediate hub). Additionally, the Subtending section of NECA TARIFF F.C.C. NO. 4 identifies wire centers and the intermediate and/or super-intermediate hubs with which they interconnect.

When ordering High Capacity Optional Rate plans or upgrades to the plans, discontinuance charges, as specified in 7.2.8 of NECA TARIFF F.C.C. NO. 5, will not apply if the conditions set forth therein are met and the customer provides the following ordering information:

Term Discounts/Upgrades in Capacity (DS1 to DS3)
- The customer's order for the disconnect of the existing DS1 service and the installation of the new DS3 service must be received simultaneously and specifically reference the application of upgrade in capacity

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ACCESS SERVICE

5. Access Ordering (Cont'd.)

5.2 Ordering Requirements (Cont'd.)

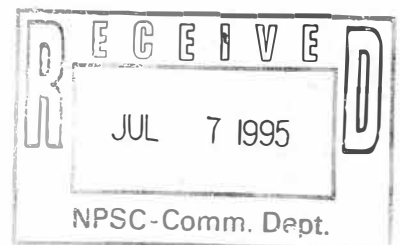
5.2.2 Special Access Service (Cont'd.)

- The customer's disconnect order for the existing DS1 service must reference the DS3 service installation order.

Customer orders to install and disconnect DS1 or DS3 services provided under a Term Discount plan, where the number of DS1s or DS3s remains constant and the customer wishes to maintain the existing Term Discount period and minimum service period, must be received simultaneously and reference continuation of the existing term discount period and the minimum service period on both the installation and disconnect orders.

DS3 Capacity Discounts/Upgrades

- The customer's order for the disconnect of the current DS3 Capacity Interface and order for the installation of the upgraded DS3 Capacity Interface must be received by the Telephone Company simultaneously and specifically reference the application of upgrade in capacity.
- The customer's disconnect order for the existing DS3 service must reference the installation order.



ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(A) Local Transport

The Local Transport rate category establishes the charges related to the transmission and tandem switching facilities between the customer designated premises and the end office switch(es) which may be a Remote Switching Module(s) or WATS Serving Office, where the customer's traffic is switched to originate or terminate the customer's communications. Mileage measurement rules are set forth in NECA TARIFF F.C.C. NO. 5, Section 6.4.6 and in this section.

Local Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency transmission path permits the transport of calls in the originating direction (from the end user end office switch to the customer designated premises) and in the terminating direction (from the customer designated premises to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300-3000 Hz. The customer must specify the choice of facilities (i.e., Voice Grade 2 or 4 wire or High Capacity DS1 or DS3) to be used in the provision of the Direct Trunked Transport or Entrance Facility.

The customer must specify when ordering (1) whether the service is to be directly routed to an end office switch or through an access tandem switch, (2) the type of Direct Trunked Transport, and whether it will overflow to Tandem Switched Transport when service is directly routed to an end office, (3) the directionality of the service, and

(M)

ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(A) Local Transport (Cont'd.)

(4) when multiplexing is required, the hub(s) (M)
at which the multiplexing will be provided.

(D)

When the customer has both Tandem Switched Transport and Direct Trunked Transport at the same end office, the customer will be provided Alternate Traffic Routing as set forth in NECA TARIFF F.C.C. NO. 5, Section 6.4.6.

Direct Trunked Transport is available at all tandems and at all end offices except those end offices identified in NECA TARIFF F.C.C. NO. 4. as not having the capability to provide Direct Trunked Transport. Direct Trunked Transport is not available from end offices that lack recording or measurement capability.

Direct Trunked Transport of originating 800 series calls from an end office is available only from certain equipped end offices, identified in NECA TARIFF F.C.C. NO. 4.

(T)

Local Transport is provided at the rates and charges set forth in 17.2.2 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.4.1(C) following. When more than one Telephone Company is involved in providing the Switched Access Service, the Local Transport rates are applied as set forth in NECA TARIFF F.C.C. NO. 5, Section 2.4.7.

ACCESS SERVICE

Switched Access Service (Cont'd.)

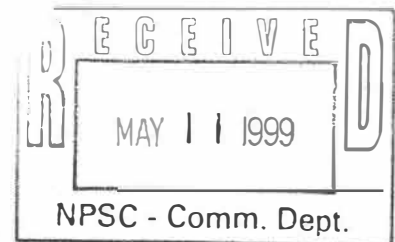
6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(A) Local Transport (Cont'd.)

The Local Transport rate category includes three classifications of rate elements: (1) Direct Trunked Transport, (2) Tandem Switched Transport, and (3) Multiplexing.

(C)
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(C)



ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(A) Local Transport (Cont'd.)

(D)

|

(D)

(1) Direct Trunked Transport

(T)

The Direct Trunked Transport rate elements recover a portion of the costs associated with a communications path between a serving wire center and an end office or serving wire center and a tandem on circuits dedicated to the use of a single customer.

Direct Trunked Transport is available to all tandems and to all end offices except those end offices identified in NECA TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION, as not having the capability to provide Direct Trunked Transport.

Direct Trunked Transport is not available from end offices that lack recording or measurement capability.

Three types of Direct Trunked Transport are available: (1) Voice Grade, 2 or 4-wire, (2) High Capacity DS1, and (3) High Capacity DS3. The minimum period for which a High Capacity DS3 Direct Trunked Transport is provided is twelve months.

High Capacity DS3 Direct Trunked Transport cannot be terminated at end offices that are not identified as hub offices that provide DS3 to DS1 multiplexing. Additionally, DS1 Direct Trunked Transport cannot be terminated at end offices that are not

ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(A) Local Transport (Cont'd.)

(1) Direct Trunked Transport (Cont'd.)

(T)

identified as hub offices that provide DS1 to Voice Grade multiplexing or are not electronic end offices. Offices that provide multiplexing are identified in NECA TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

Direct Trunked Transport rates consist of a Direct Trunked Facility rate, specified in 17.2.2 following, which is applied on a per mile basis and a Direct Trunked Termination rate which is applied at each end of each measured segment of the Direct Trunked Facility (e.g., at the end office, hub tandem and serving wire center). When the Direct Trunked Facility mileage is zero, neither the Direct Trunked Facility rate nor the Direct Trunked Termination rate will apply.

The Direct Trunked Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits.

The Direct Trunked Termination rate, specified in 17.2.2 following, recovers a portion of the costs of the circuit equipment necessary for the termination of each end of the Direct Trunked Facility.

(2) Tandem Switched Transport

(T)

The Tandem Switched Transport rate elements recover a portion of the costs associated with a communications path between a tandem and an end

(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(A) Local Transport (Cont'd.)

(2) Tandem Switched Transport (Cont'd.)

(T)

office on circuits that are switched at a tandem switch.

Tandem Switched Transport rates consist of a Tandem Switching rate, a Tandem Switched Facility rate, and a Tandem Switched Termination rate.

(D)
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(D)

Credits will be provided for Tandem Switched Transport charges associated with FGC and FGD service for 888 (or other 800 series) traffic delivered at the tandem from an SSP equipped end office capable of handling 800 traffic on a direct trunked basis but incapable of handling 888 (or other 800 series) traffic on a direct trunked basis. Those SSP equipped end offices that cannot accommodate direct trunking of originating 888 (or other 800 series) traffic are identified in NECA TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(A) Local Transport (Cont'd.)

(2) Tandem Switched Transport (Cont'd.)

(T)

(a) The Tandem Switching rate recovers a portion of the costs of switching traffic through an access tandem. The Tandem Switching rate specified in 17.2.2 following is applied on a per access minute of use (MOU) basis for all originating and terminating MOU switched at the tandem. Tandem locations are specified in NECA TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

(b) The Tandem Switched Facility rate recovers a portion of the costs of transmission facilities, including intermediate transmission circuit equipment, between the end points of interoffice circuits. The Tandem Switched Facility rate applies on a per access minute per mile basis for all originating and terminating MOU routed over the facility, as specified in 17.2.2 following.

ACCESS SERVICE

Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(A) Local Transport (Cont'd.)

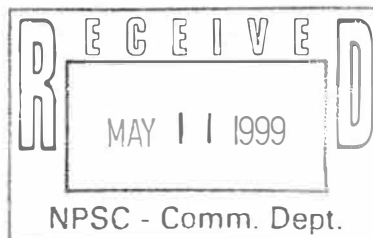
(2) Tandem Switched Transport (Cont'd.)

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(D)



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6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(A) Local Transport (Cont'd.)

(D)

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(D)

(4) Multiplexing

(T)

DS3 to DS1 Multiplexing charges specified in 17.2.2 following apply when a High Capacity DS3 Entrance Facility or High Capacity DS3 Direct Trunked Facility is connected with High Capacity DS1 Direct Trunked Transport. The DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

DS1 to Voice Grade Multiplexing charges apply when a High Capacity DS1 Entrance Facility or High Capacity DS1 Direct Trunked Facility is connected with Voice Grade Direct Trunked Transport. However, a DS1 to Voice Grade Multiplexing charge does not apply when High Capacity DS1 Direct Trunked Transport is terminated at an electronic end office and only Switched Access Service is provided over the DS1 facility (i.e., Voice Grade Special Access channels are not derived). The DS1 to Voice Grade multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

(C)

Multiplexing is available at wire centers identified in NECA TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.

ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(A) Local Transport (Cont'd.)

(6) Interface Groups

Ten Interface Groups are provided for terminating the Entrance Facility at the customer's designated premises. Technical specifications regarding the available interface groups are set forth in NECA TARIFF F.C.C. NO. 5, Section 15.1.

(7) Nonchargeable Optional Features

Where transmission facilities permit, the individual transmission path between the customer's designated premises and the first point of switching may at the option of the customer be provided with the following optional features as set forth and described in 15.1.1(E) of NECA TARIFF F.C.C. NO. 5.

- Supervisory Signaling
- Customer Specified Entry Switch Receive Level
- Customer Specification of Local Transport Termination

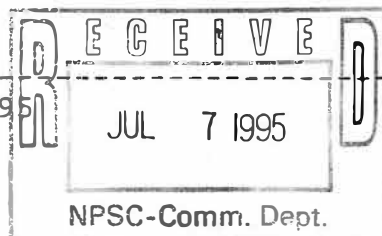
When a customer subscribes to Common Channel Signaling Network Connection (CCSNC) Service, the following optional features are made available and are described in 6.10.1 of NECA TARIFF F.C.C. NO. 5.

- SS7 Signaling
- Calling Party Number
- Carrier Selection Parameter
- Charge Number Parameter

(8) Chargeable Optional Features

Common Channel Signaling, Signaling System 7 (CCS/SS7) Network Connection (CCSNC) Service

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ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

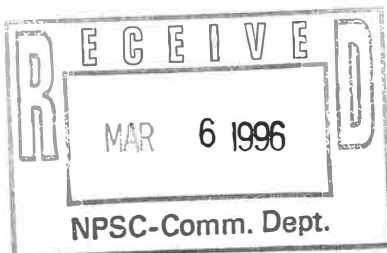
6.1.3 Rate Categories (Cont'd.)

(A) Local Transport (Cont'd.)

(8) Chargeable Optional Features (Cont'd.)

provides a signaling path between a customer's designated Signaling Point of Interface (SPOI) and a Telephone Company's Signaling Transfer Point (STP). CCSNC is provided as set forth in NECA TARIFF F.C.C. NO. 5, SECTION 6.10.5.

800 Data Base Access Service is provided to all customers in conjunction with FGC and FGD Switched Access Service. A Basic or Vertical Feature Query charge, as set forth in 17.2.2(B) following, is applied for each query launched to the 800 data base. The Basic Query provides the identification of the customer to whom the call will be delivered and includes area of service routing which allows routing of 800 series calls by telephone companies to different interexchange carriers based on the LATA in which the call originates. The Vertical Feature Query provides this same customer identification function in addition to vertical features which may include (1) call validation, ensuring that calls originate from subscribed service areas; (2) POTS translation of 800 series numbers, which is generally necessary for the routing of 800 series calls; (3) alternate POTS translation, which allows subscribers to vary the routing of 800 series calls based on factors such as time of day, place or origination of call, etc.; and (4) multiple carrier routing, which allows subscribers to route to different carriers based on factors similar to those in (3).



ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(B) End Office

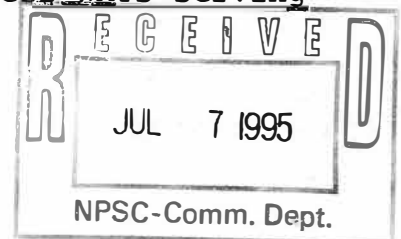
The End Office rate category establishes the charges related to the local end office switching and end user line termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching and Information Surcharge rate elements. Directory Assistance Service is set forth in Section 9. following.

(1) Local Switching

The Local Switching rate element establishes the charges related to the use of end office switching equipment, the terminations in the end office of end user lines, and terminations of calls at Telephone Company Intercept Operators or recordings. The charge is divided into two distinct categories, Local Switching 1 and Local Switching 2.

Local Switching 1 is applicable to FGA and FGB. Local Switching 1 does not apply to FGB when utilized to provide MTS/WATS service or FGA and FGB used for terminating inward WATS and WATS-type service at an equal access WATS Serving Office.

Local Switching 2 is applicable to FGC and FGD. It also applies to FGB, when utilized to provide MTS/WATS service, and FGA and FGB used for terminating inward WATS and WATS-type service at an equal access WATS Serving Office.



ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(B) End Office (Cont'd.)

(1) Local Switching (Cont'd.)

Local Switching does not apply to FGB and FGD associated with Mobile Telephone Switching Offices (MTSOs) directly interconnected to a Telephone Company access tandem office.

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with Local Switching 2 for FGC and FGD. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard FGC or FGD equipped end office.

Rates for Local Switching 1 and Local Switching 2 are set forth in 17.2.3 following. The application of these rates with respect to individual Feature Groups is as set forth in 6.4.1(C) following.

There are four types of functions included in the Local Switching rate element: Common Switching, Transport Termination, Line Termination and Intercept. These functions are described in (a) through (d) following.

(a) Common Switching

Common Switching provides the local end office switching functions associated with the various access (i.e., Feature Group) switching arrangements. The Common Switching arrangements provided for the various Feature Group

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6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(B) End Office (Cont'd.)

(1) Local Switching (Cont'd.)

(a) Common Switching (Cont'd.)

arrangements are described in 6.5 through 6.9 of NECA TARIFF F.C.C. NO. 5. Included as part of Common Switching are various nonchargeable optional features which the customer can order to meet customer specific communications requirements. These optional features are described in Section 6.10.1 of NECA F.C.C. No. 5.

(b) Transport Termination

Transport Termination functions provide for the line or trunk side arrangements which terminate the Local Transport facilities. Various nonchargeable optional termination arrangements, described in 6.10.2 of NECA TARIFF F.C.C. NO. 5, are included in Transport Termination.

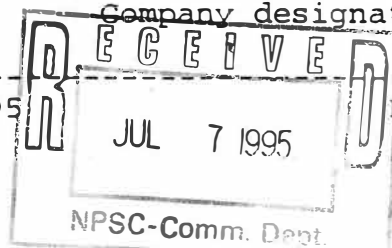
The Telephone Company will determine the number of Transport Terminations provided as set forth in 6.2.5 of NECA TARIFF F.C.C. NO. 5.

(c) Line Termination

Line termination provides for the terminations of end user lines in the local end office. There are two types of Line Terminations, i.e., Common Line Terminations and Special Access Service Terminations, used in the provision of WATS or WATS-type services at Telephone Company designated WATS Serving Offices.

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6. Switched Access Service (Cont'd.)

6.1 General (Cont'd.)

6.1.3 Rate Categories (Cont'd.)

(B) End Office (Cont'd.)

(1) Local Switching (Cont'd.)

(c) Line Termination (Cont'd.)

Special Access Service Terminations are differentiated by line side vs. trunk side terminations. In addition, there are various types of originating and terminating line side terminations, depending on the type of Special Access Service signaling. Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

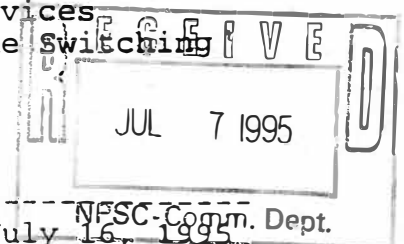
(d) Intercept

The Intercept function provides for the termination of a call at a Telephone Company Intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number.

(2) Information Surcharge

Information Surcharge rates are assessed to a customer based on the total number of access minutes. Rates for Information Surcharge are as set forth in 17.2.3(B) following. The application of these rates with respect to individual Feature Groups is as set forth in 6.4.1(C) following.

The Information Surcharge does not apply to FGB and FGD Switched Access Services associated with Mobile Telephone Switching



ACCESS SERVICE

6. Switched Access Service

6.1 General (Cont'd.)

6.1.3 Rate Categories

(B) End Office (Cont'd.)

(2) Information Surcharge (Cont'd.)

Offices (MTSOs) directly interconnected to a Telephone Company access tandem office.

The number of end office switching transmission paths will be determined as set forth in 6.2.5 of NECA TARIFF F.C.C. NO. 5.

(C) Chargeable Optional Features

Where facilities permit, the Telephone Company will provide chargeable optional features, at the request of the customer, as outlined in NECA TARIFF F.C.C. NO. 5, Section 6.1.3(C). A unique rate element for 500 Access, as outlined in 6.4.1(C)(9) shall also apply.

6.4 Rate Regulations

This section contains the specific regulations governing the rates and charges which apply for Switched Access Service.

6.4.1 Description and Application of Rates and Charges

Two types of rates and charges apply to Switched Access Service: recurring (usage and flat rates) and nonrecurring charges. These rates and charges are applied to the various rate elements as set forth in (C) following.

(A) Recurring Rates

(1) Usage rates for Switched Access Service are rates which apply on a per access minute or per call basis. These charges are accumulated over a monthly period.

(2) Flat rates for Switched Access Service are rates which apply on a per rate element

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ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

6.4.1 Description and Application of Rates and Charges
(Cont'd.)

(B) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity. The types of nonrecurring charges for Switched Access Service are installation of service, Interim NXX Translation optional feature, and service rearrangements. These charges, with the exception of the Interim NXX Translation optional feature, are in addition to the Access Order Charge, specified in 17.4.1(A) following.

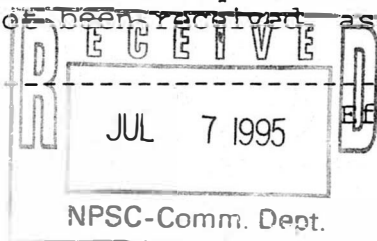
(1) Installation of Service

When the Telephone Company has not received a bona fide request for Direct Trunked Transport (as identified in NECA TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION), a nonrecurring Installation per Line or Trunk Group Charge applies, as set forth in 17.2.1(F) following, to each Switched Access Service installed. For FGA, which is ordered on a per line basis, and FGB, FGC and FGD, which are ordered on a per trunk basis, the charge is applied on a per line or trunk basis respectively. For FGC and FGD, which are ordered on a busy hour minutes of capacity basis, the charge applies on a per trunk basis. However, the charge applies only when the capacity ordered requires installation or activation of an additional trunk(s), uniquely identified for the sole use of the ordering customer.

For Entrance Facilities, a Local Transport nonrecurring charge applies as set forth in 17.2.1(A) following. The charge applies at the serving wire center for each Entrance Facility installed. It is not applied if a bona fide request for direct trunking has not been received, as identified in NECA

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6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

6.4.1 Description and Application of Rates and Charges
(Cont'd.)

(B) Nonrecurring Charges (Cont'd.)

(1) Installation of Service (Cont'd.)

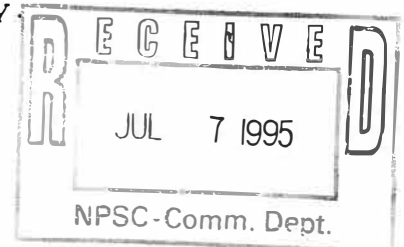
TARIFF F.C.C. NO. 4, WIRE CENTER
INFORMATION.

For Direct Trunked Transport ordered to the end office, a Local Transport nonrecurring trunk activation charge, as set forth in 17.2.1(E) following, will be applied at the end office on a per order basis for each group of 24 Direct Trunked Transport trunks or fraction thereof that is activated at the end office.

For Direct Trunked Transport ordered to the access tandem a Local Transport nonrecurring trunk activation charge, as set forth in 17.2.1(E) following, will be applied at the access tandem on a per order basis for each group of 24 Direct Trunked Transport trunks or fraction thereof that is activated at the access tandem.

For Tandem Switched Transport, a Local Transport nonrecurring trunk activation charge, as set forth in 17.2.1(E) following, will be applied at the access tandem on a per order basis for each group of 24 dedicated trunks or fraction thereof that is activated at the access tandem.

A maximum of 24 trunks can be activated on a DS1 facility and a maximum of 672 trunks can be activated on a DS3 facility.



ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

6.4.1 Description and Application of Rates and Charges
(Cont'd.)

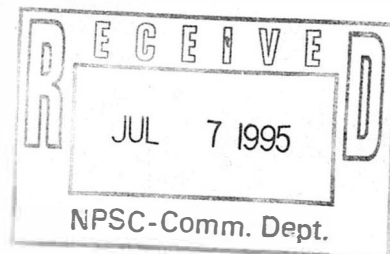
(B) Nonrecurring Charges (Cont'd.)

(2) Interim NXX Translation Optional Feature

This nonrecurring charge applies to the initial order for the installation of the Interim NXX Translation optional feature with FGC or FGD and for each subsequent order received to add or change NXX translation codes. The charge applies whether this optional feature is installed coincident with or at any time subsequent to the installation of Switched Access Services. The charge is applied per order, per LATA or Market Area by the Telephone Company. When multiple telephone companies provide the translation function, the nonrecurring charge is assessed only by the Telephone Company providing the final translation function, which identifies the customer's traffic. This traffic is then delivered to the customer's point of termination without further translation.

(3) Service Rearrangements

All changes to existing services, other than changes involving administrative activities and FGA off-hook supervisory signaling, will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) preceding applies for this work activity. Moves that change the



ACCESS SERVICE

6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

6.4.1 Description and Application of Rates and Charges
(Cont'd.)

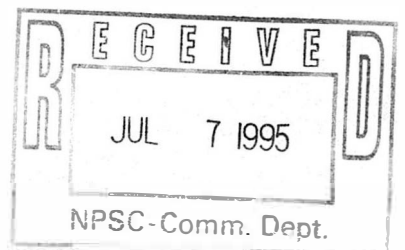
(B) Nonrecurring Charges (Cont'd.)

(3) Service Rearrangements (Cont'd.)

physical location of the point of termination are described and charged for as set forth in 6.4.4 of NECA TARIFF F.C.C. NO. 5. If due to technical limitations of the Telephone Company, a customer may not combine its Interim NXX traffic with its other trunk side Switched Access Services, no charge applies to combine these trunk groups, when it becomes technically feasible.

Administrative changes, as follows, will be made without charge(s) to the customer:

- Change of customer name,
- Change of customer or customer's end user premises address when the change is not a result of physical relocation of equipment,
- Change in billing data (name, address, contact name or contact telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.



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6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

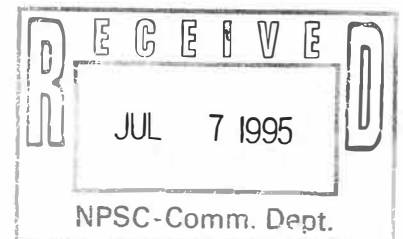
6.4.1 Description and Application of Rates and Charges
(Cont'd.)

(B) Nonrecurring Charges (Cont'd.)

(3) Service Rearrangements (Cont'd.)

Other changes made without charge to the customer are as follows:

- Changes/additions to existing Switched Access Services because of Telephone Company initiated network reconfigurations. (The Telephone Company will provide the same grade of service as existed prior to reconfiguration.) Charges will apply to those changes/additions in excess of those required to provide the same grade of service and/or capacity. Grade of service will be determined by industry standard engineering tables.



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6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

6.4.1 Description and Application of Rates and Charges
(Cont'd.)

(B) Nonrecurring Charges (Cont'd.)

(3) Service Rearrangements (Cont'd.)

Changes to the point in time when the off-hook supervisory signal is provided in the originating call sequence are subject to the Access Order Charge as set forth in 17.4.1(A) following.

For additions, changes or modifications to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

For additions, changes or modifications to optional features which do not have their own specific nonrecurring charges, an Access Order Charge, as set forth in 17.4.1(A) following will apply. When an optional feature is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply.

For conversion of FGC and FGD trunks from multifrequency address signaling to SS7 signaling or from SS7 signaling to MF address signaling, nonrecurring charges will apply as set forth in 17.2.1(D).

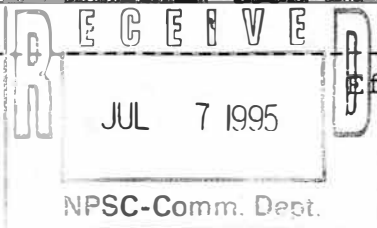
(C) Application of Rates

Rates are applied as premium rates, because all Telephone Company exchanges have converted to equal access.

The application of these rates is dependent upon the Feature Group, type of Entrance Facility, and type of transport (e.g. direct trunked, tandem switched, type of multiplexing).

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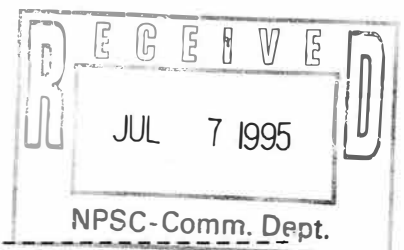
6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

6.4.1 Description and Application of Rates and Charges
(Cont'd.)

(C) Application of Rates (Cont'd.)

- (1) Reserved for future use.
- (2) Reserved for future use.
- (3) Reserved for future use.
- (4) Reserved for future use.



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6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

6.4.1 Description and Application of Rates and Charges
(Cont'd.)

(C) Application of Rates (Cont'd.)

(5) Unmeasured FGA and FGB Access Services

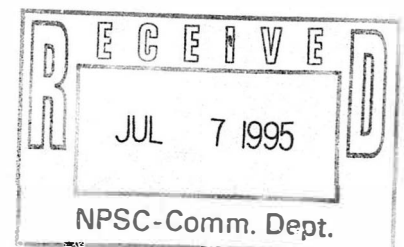
Where originating and/or terminating measurement capability does not exist for FGA or FGB services provided to the first point of switching, the number of assumed access minutes are as set forth in 6.5.4 and 6.6.4 respectively of NECA TARIFF F.C.C. NO. 5.

(6) Reserved for future use.

(7) Common Channel Signaling/Signaling System 7 (CCS/SS7) Network Configuration

The CCS/SS7 Network Connection is comprised of a Signaling Mileage Facility charge, a Signaling Mileage Termination charge, a Signaling Entrance Facility charge, and a Signaling Transfer Point (STP) Port charge.

The Signaling Mileage Facility charge is assessed on a per facility per mile basis. The Signaling Mileage Termination charge is assessed on a per termination basis, at each end of the facility. When the Signaling Mileage Facility mileage measurement is zero, Signaling Mileage Termination charges will not apply.



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6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

6.4.1 Description and Application of Rates and Charges
(Cont'd.)

(C) Application of Rates (Cont'd.)

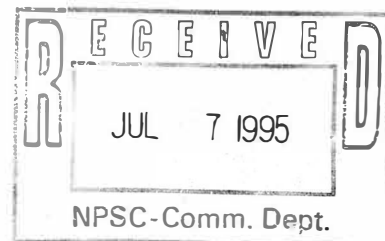
(7) Common Channel Signaling/Signaling System 7
(CCS/SS7) Network Configuration (Cont'd.)

The Signaling Entrance Facility charge is assessed on a per facility basis for the connection between the customer's designated premises (Signaling Point of Interface) and the serving wire center of the premises.

The STP port charge is assessed on a per port basis for each termination of a Signaling Mileage Facility at an STP.

(8) 800 Data Base Access Service

A basic Query or Vertical Feature Query charge applies for each query launched to an 800 data base and identifies the customer to whom the call will be delivered. Query charges are set forth in 17.2.2(B) following. Charges will be applied only by those companies whose wire centers are identified as assessing query charges in NECA TARIFF F.C.C. NO. 4, WIRE CENTER INFORMATION.



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6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

6.4.1 Description and Application of Rates and Charges
(Cont'd.)

(C) Application of Rates (Cont'd.)

(8) 800 Data Base Access Service (Cont'd.)

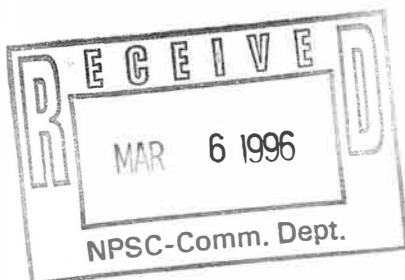
When FGC or FGD service is used for the provision of 800 Data Base Access service and the total minutes of use (MOU) and/or count of queries can be determined for each customer at a tandem or SSP but cannot be determined by individual end office, an allocation method will be utilized to determine MOU and/or queries by end office and customer. For each end office, a ratio will be developed and applied against the total MOU and/or count of queries for a given customer as determined by the SSP or tandem. These ratios will be developed by dividing the unidentified originating 800 series MOU at an end office by the total unidentified originating MOU in all end offices subtending the tandem or SSP.

(C)

(9) 500 Access Service

500 Access Service is an originating trunk side switched service which provides for the forwarding of an end user dialed 0+ or 1+500+NXX-XXXX call to the customer, based on the NXX dialed. This six digit routing function is performed at the required point of six-digit translation as determined by the Telephone Company.

500 Access Service is available only as a LATA-wide service, must be ordered to all end offices in a LATA, and must be provisioned, at a minimum, to all access tandems in a LATA. The service is provisioned as Feature Group D.



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6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

6.4.1 Description and Application of Rates and Charges
(Cont'd.)

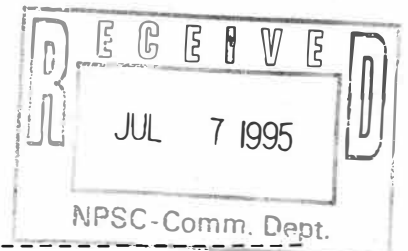
(C) Application of Rates (Cont'd.)

(9) 500 Access Service

500 traffic may be combined in the same trunk group arrangement with non-500 traffic or provisioned as a separate trunk group, unless prohibited by technical limitations.

Calls originating from an office in which the customer has not ordered 500 Access Service are blocked. In addition, 0+ and 1+500+NXX-XXXX calls originating where 500 Access Service has been established are blocked from 1+ sent-paid pay telephones (except customer owned coin operated telephones), 10XXX or 101XXXX, Inmate Service, toll restricted lines and multiparty service.

Measurement of 500 Access Service shall be in accordance with regulations for Feature Group D.



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6. Switched Access Service (Cont'd.)

6.4 Rate Regulations (Cont'd.)

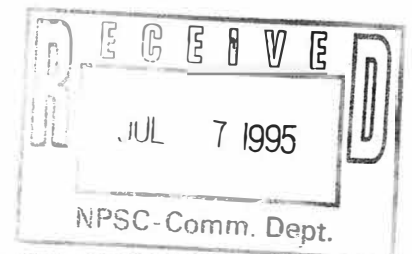
6.4.1 Description and Application of Rates and Charges
(Cont'd.)

(C) Application of Rates (Cont'd.)

(9) 500 Access Service

A 500 Access Service Carrier Identification Charge is assessed for each 500 call delivered to the customer. This charge is in addition to the rates and charges for Switched Access Services. The per call rate is set forth in 17.2.2 following.

The Interim NXX Translation Optional Feature nonrecurring charge applies to activate the 500 NXX code(s). This charge is assessed per order per LATA.



ACCESS SERVICE

7. Special Access Service

7.1 General

7.1.1 Channel Types

Following is a brief description of each type of channel:

Voice Grade- a channel for the transmission of analog signals within an approximate bandwidth of 300 to 3000 Hz.

Program Audio- a channel for the transmission of audio signals. The nominal frequency bandwidths are from 200 to 3500 Hz, from 100-5000 Hz, from 50-8000 Hz, or from 50-15000 Hz.

Video- a channel for the transmission of standard 525 line 60 field monochrome or National Television Systems Committee color video signals and one or two associated 5 or 15 kHz audio signals. The bandwidth is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz.

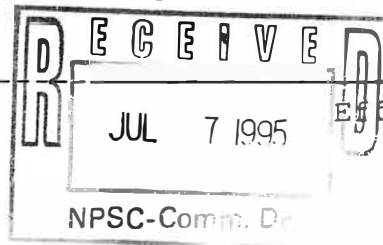
Digital Data- a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 Kbps.

High Capacity- a channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps.

Detailed descriptions of each of the channel types are provided in 7.6 through 7.10 of NECA TARIFF F.C.C. NO. 5.

The customer also has the option of ordering Voice Grade and High Capacity facilities to Telephone Company hubs for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in 7.6 and 7.10 of NECA TARIFF F.C.C. NO. 5. Additionally, the customer may specify optional features for the individual channels of the facility to further customize the channel to meet specific communications requirements. Optional features and

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7. Special Access Service (Cont'd.)

7.1 General (Cont'd.)

7.1.1 Channel Types (Cont'd.)

functions are described in 7.2.1 of NECA TARIFF F.C.C. NO. 5.

7.1.2 Service Descriptions

For the purposes of ordering, there are five categories of Special Access Service:

	<u>Service Designator Codes</u>
Voice	VG
Program Audio	AP
Video	TV
Digital Data	DA
High Capacity	HC

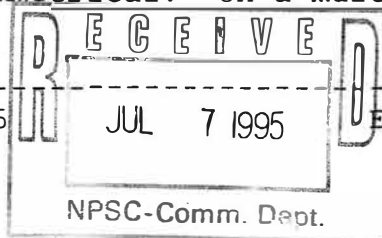
Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Technical specifications packages and channel interfaces are described in NECA TARIFF F.C.C. NO. 5, Section 15. This information indicates the transmission parameters that are available with each package. Optional features and functions are described in Section 7, NECA TARIFF F.C.C. NO. 5.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and allowed to change the order.

When a customized channel is ordered, the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be advised and allowed to change the order.

(A) Channel interfaces at each Point of Termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may

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7. Special Access Service (Cont'd.)

7.1 General (Cont'd.)

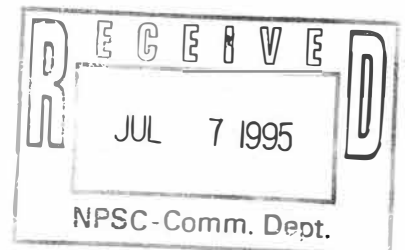
7.1.2 Service Descriptions (Cont'd.)

(A) (Cont'd.)

also be symmetrical or asymmetrical, but communications can only be provided between compatible channel interfaces. Only certain channel interfaces are compatible, as set forth in NECA TARIFF F.C.C. NO. 5, Section 15.2.

(B) Only certain channel interface combinations are available with the predefined technical specifications packages. These are defined in the Technical References set forth in (D) following. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.

(C) The Telephone Company will maintain services installed prior to April 1, 1985, at their existing transmission specifications provided such performance specifications do not exceed the standards listed in this provision. Those services exceeding the standards listed will be maintained at the performance levels specified in NECA TARIFF F.C.C. NO. 5.



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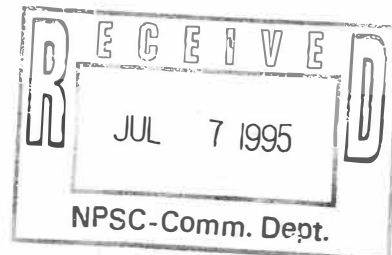
7. Special Access Service (Cont'd.)

7.1 General (Cont'd.)

7.1.2 Service Descriptions (Cont'd.)

(D) All services installed after April 1, 1985, will conform to the transmission specifications standards contained in NECA TARIFF F.C.C. NO. 5 or in the following Technical References for each category of service:

Voice Grade	TR-TSY-000335 PUB 41004, Table 4
Program Audio	TR-NPL-000337 and associated Addendum
Video	TR-NPL-000338
Digital Data	TR-NPL-000341 and associated Addendum
For 2.4, 4.8, 9.6, and 56.0 Kbps	Bellcore Pub 62310 INC Bulletin CB-INC- 100
For 19.2 Kbps	
For 64.0 Kbps High Capacity	AT&T PUB 62310 TR-INS-000342 TR-NPL-000054 PUB 62411



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7. Special Access Service (Cont'd.)

7.2 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access.

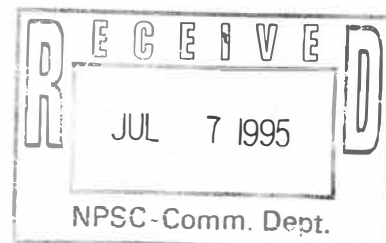
7.2.1 Rate Categories

There are three basic rate categories which apply to Special Access Service:

- Channel Terminations (described in 7.2.1(A) following,
- Channel Mileage (described in 7.2.1(B) following,
- Optional Features and Functions (described in 7.2.1(C) following.

(A) Channel Termination

The Channel Termination rate category recovers the costs associated with the communications path between a customer designated premises (CDP) and the serving wire center (SWC) of that premises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability is provided as an optional feature as set forth in (C) following. One Channel Termination charge applies per CDP at which the channel is terminated. This charge will apply even if the CDP and the SWC are collocated in a Telephone Company building. If the CDP is considered by the Telephone Company to be located an extraordinary distance from the SWC, Special Construction charges will apply.



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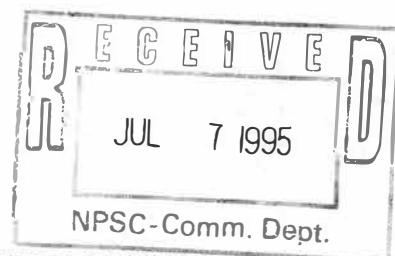
7. Special Access Service (Cont'd.)

7.2 Rate Regulations (Cont'd.)

7.2.1 Rate Categories (Cont'd.)

(A) Channel Termination (Cont'd.)

For DS3 High Capacity Service, the Channel Termination rates are made up of the DS3 Capacity Interface rate and the DS3 Channel Installed rate. The Capacity Interface rate is dependent upon the capacity ordered (i.e., Capacity Interface of 1, 3, 6 or 12) and is applicable at each CDP. The capacity ordered is the maximum number of DS3 services that can be terminated on a given service at the CDP (e.g., a capacity of 3 can terminate 1, 2 or 3 DS3 services). One DS3 Channel Installed rate applies per CDP at which the channel is terminated for each DS3 channel ordered. These charges will apply even if the CDP and the SWC are collocated in a Telephone Company building. If the CDP is considered by the Telephone Company to be located an extraordinary distance from the SWC, Special Construction charges will apply.



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7. Special Access Service (Cont'd.)

7.2 Rate Regulations (Cont'd.)

7.2.1 Rate Categories (Cont'd.)

(B) Channel Mileage

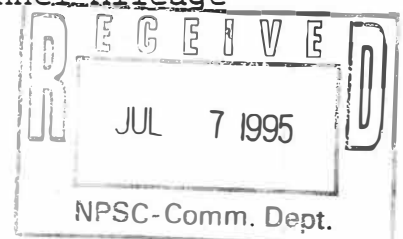
The Channel Mileage rate category recovers the costs associated with the end office equipment and the transmission facilities between the serving wire center (SWC) associated with two customer designated premises (CDP), between a SWC associated with a CDP and a Telephone Company hub or between two Telephone Company hubs. Channel Mileage rates are comprised of the Channel Mileage Facility rate and the Channel Mileage Termination rate.

(1) Channel Mileage Facility

The Channel Mileage Facility rate recovers the per mile cost for the transmission path which extends between the Telephone Company SWCs and/or hub(s).

(2) Channel Mileage Termination

The Channel Mileage Termination rate recovers the cost for end office equipment associated with terminating the facility (i.e., basic circuit equipment and terminations at SWCs and hubs). The Channel Mileage Termination rate will apply at the SWC(s) for each CDP and Telephone Company hub where the channel is terminated. If the Channel Mileage is between Telephone Company bridging hubs, the Channel Mileage Termination rate will apply per Telephone Company designated hub. If the Channel Mileage is between the SWC for a CDP and a WATS Serving Office, the Channel Mileage



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7. Special Access Service (Cont'd.)

7.2 Rate Regulations (Cont'd.)

7.2.1 Rate Categories (Cont'd.)

(B) Channel Mileage (Cont'd.)

Termination rate will apply at both the SWC associated with the CDP and the WATS Serving Office. When the Channel Mileage Facility is zero (i.e., collocated SWCs), neither the Channel Mileage Facility rate nor the Channel Mileage Termination rate will apply.

(C) Optional Features and Functions

The Optional Features and Functions rate category recovers the costs associated with optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

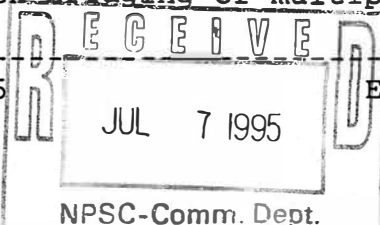
- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

Descriptions for each of the available Optional Features and Functions are set forth in 7.6 through 7.10 of NECA F.C.C. TARIFF NO. 5.

A hub is a Telephone Company designated SWC at which bridging or multiplexing functions are

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ACCESS SERVICE

7. Special Access Service (Cont'd.)

7.2 Rate Regulations (Cont'd.)

7.2.1 Rate Categories (Cont'd.)

(C) Optional Features and Functions (Cont'd.)

performed. The bridging functions performed are to connect three or more CDPs in a multipoint arrangement. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

NECA TARIFF F.C.C. NO. 4 identifies SWCs, hub locations, hub level (i.e., hub, terminus hub, intermediate hub, or super-intermediate hub) and the type of bridging or multiplexing functions available. Additionally, subtending wire centers are identified for intermediate and super-intermediate hubs.

7.2.2 Types of Rates and Charges

There are three types of rates and charges. These are monthly rates, daily rates and nonrecurring charges. The rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

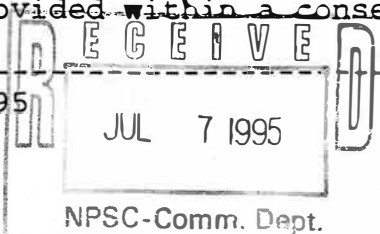
(B) Daily Rates

Daily rates are recurring rates that apply to each 24 hour period or fraction thereof that a Program Audio or Video Special Access Service is provided for part-time use. For purposes of applying daily rates, the 24 hour period is not limited to a calendar day.

Part-time Video or Program Audio Service provided within a consecutive 30 day period will

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ACCESS SERVICE

7. Special Access Service (Cont'd.)

7.2 Rate Regulations (Cont'd.)

7.2.2 Types of Rates and Charges (Cont'd.)

(B) Daily Rates (Cont'd.)

be charged the daily rate, not to exceed the monthly rate. For each day or partial day after a consecutive 30 day period of service, a charge equal to 1/30th of the monthly rate shall apply.

(C) Nonrecurring Charges

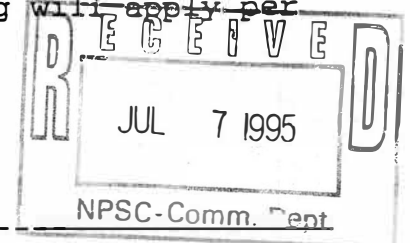
Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are installation of service, installation of optional features and functions, and service rearrangements. These charges are in addition to the Access Order Charge, as specified in 17.4.1 following.

(1) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set for each channel type as a nonrecurring charge for the Channel Termination.

(2) Installation of Optional Features and Functions

When optional features and functions are installed coincident with the initial installation of service, no separate nonrecurring charge is applicable. When optional features and functions are installed or changed after the installation of service, an Access Order Charge as specified in 17.4.1 following ~~will apply per~~ order.



ACCESS SERVICE

7. Special Access Service (Cont'd.)

7.2 Rate Regulations (Cont'd.)

7.2.2 Types of Rates and Charges (Cont'd.)

(C) Nonrecurring Charges (Cont'd.)

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature or that involve actual physical change to the service. Changes to pending orders are set forth in 5.4 of NECA TARIFF F.C.C. NO. 5.

Changes in the physical location of the point of termination or customer designated premises are moves as set forth in 7.2.3. of NECA TARIFF F.C.C. NO. 5.

Changes in the type of Service or Channel Termination which result in a change of the minimum period requirement will be treated as a discontinuance of the service and an installation of a new service.

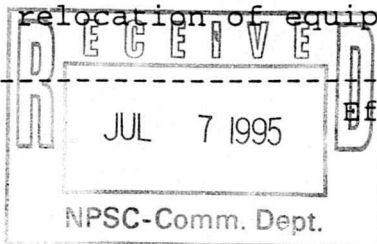
Changes in ownership or transfer of responsibility from one customer to another will be treated as a discontinuance of the service and an installation of new service. In the event the change in ownership or transfer of responsibility is as set forth in 2.1.2(A) of NECA TARIFF F.C.C. NO. 5, where there is no change in facilities or arrangements, the change will be treated as an administrative change.

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment,

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ACCESS SERVICE

7. Special Access Service (Cont'd.)

7.2 Rate Regulations (Cont'd.)

7.2.2 Types of Rates and Charges (Cont'd.)

(B) Nonrecurring Charges (Cont'd.)

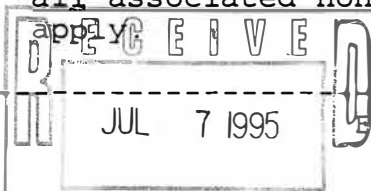
(3) Service Rearrangements (Cont'd.)

- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

All other service rearrangements will be charged as follows:

- If the change involves the addition of other customer designated premises to an existing service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added. The charge(s) will be in addition to an Access Order Charge as set forth in 17.4.1 following.
- If the change involves the addition of an optional feature or function (with the exception of the addition of Clear Channel Capability to an existing service), or if the change involves changing the type of signaling on a Voice Grade service, and for all other changes the Access Order Charge as set forth in 17.4.1 following will apply.
- When the Clear Channel Capability optional feature is installed on an existing facility, the addition will be treated as a discontinuance and start of service and all associated nonrecurring charges will

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7. Special Access Service (Cont'd.)

7.4 Metallic Service

Metallic Service is not currently offered by Hamilton Telephone Company.

7.5 Telegraph Grade Service

Telegraph Grade Service is not currently offered by Hamilton Telephone Company.

7.6 Voice Grade Service

7.6.3 Optional Features and Functions

(B) Central Office Multiplexing

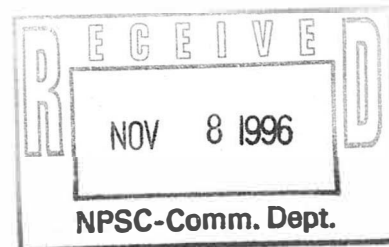
Voice to Telegraph Grade Multiplexing is not currently offered by Hamilton Telephone Company.

7.12 Internet Service to K-12 Schools

The Internet is a public service offering which provides access to a network of computers located in universities, schools, industrial sites and scientific laboratories. Rates, as set forth in 17.3.11 following, will apply to one 56 kbps Digital Data Service circuit per local calling area for connection to the Internet. These connections, provided as a public service to K-12 schools in the State of Nebraska, may be used for educational access to the Internet to the nearest Educational Service Unit (ESU) or frame relay point. Schools may not allow Internet access to third parties, other than teachers, administrators, or students, through this service. Commercial access to the Internet is available at rates and charges listed in other catalog sections.

(C)

(C)



ACCESS SERVICE

7. Special Access Service (Cont'd.)

7.13 Other High Speed Access to Internet Service for Schools

Charges for 64 kbps Digital Data Services and High Capacity Services will be discounted when sold to the State of Nebraska, any Nebraska Public School District, any Educational Service Unit or any accredited Nebraska Post Secondary School for provision of access to the Internet. This service is subject to the same restrictions as set forth in 7.12 above for 56 kbps service. Discounts will be determined on an individual case basis.

(N)

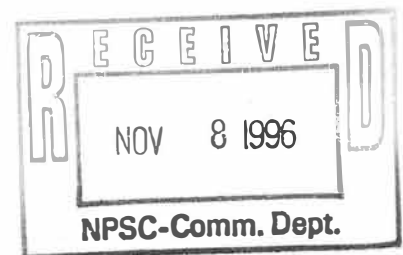
(N)

7.14 Educational Interactive Video Services

The charges for Digital Data Services and High Capacity Services will be discounted when sold to the State of Nebraska, any Nebraska Public School District, any Educational Service Unit or any accredited Nebraska Post Secondary School for provision of two-way interactive video services. Discounts will be determined on an individual case basis. Educational Interactive Video Services that use transmission methods other than Digital Data or High Capacity Service will be priced on an individual case basis.

(M)

(M)



ACCESS SERVICE

8. Special Construction

8.1 General

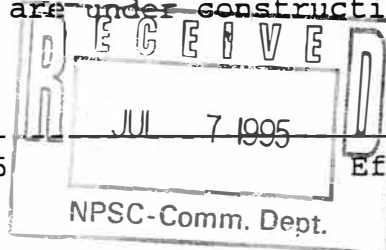
This section contains a description of the regulations, rates, charges and liabilities applicable for the special construction of facilities provided by the Telephone Company which are used to furnish intrastate access services.

Special Construction is required when a customer requests service and one or more of the following conditions exist(s):

- The facilities to provide services are not available and, at the request of the customer, the Telephone Company constructs facilities to provide the services for the customer, and there is no other requirement for the facilities so constructed.
- At the request of the customer, the Telephone Company constructs facilities of a type other than that which they would normally furnish in order to provide services for the customer.
- In order to comply with requirements specified by the customer, construction by the Telephone Company involves a routing of facilities other than that which they would normally utilize to provide services for the customer.
- At the request of the customer, the Telephone Company constructs a greater quantity of facilities than that which they would otherwise construct in order to fulfill the customer's initial requirement for services.
- The facilities to provide services are not available and, at the request of the customer, the Telephone Company expedites construction of the facilities at greater expense than would otherwise be incurred.
- The facilities to provide services are not available and, at the request of the customer, the Telephone Company constructs temporary facilities to provide services for the period during which the permanent facilities are under construction.

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ACCESS SERVICE

8. Special Construction

8.2 Regulations

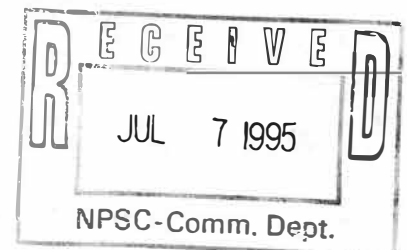
When special construction of facilities is required, the following regulations shall apply.

8.2.1 Ownership of Facilities

The Telephone Company shall retain ownership of all specially constructed facilities which it provides.

8.2.2 Interval to Provide Facilities

Based on available information and the type of service ordered, the Telephone Company will establish a completion date for the specially constructed facilities. If circumstances beyond the Telephone Company's control force the completion date to be rescheduled, the Telephone Company will work with the customer to establish a new completion date.



ACCESS SERVICE

8. Special Construction (Cont'd.)

8.2 Regulations (Cont'd.)

8.2.3 Special Construction Involving Both Intrastate and Interstate Facilities

When special construction involves facilities to be used to provide both intrastate and interstate services, charges for the portion of the construction used to provide intrastate service shall be in accordance with this catalog. Charges for the portion of the construction used to provide interstate service shall be in accordance with terms and conditions as set forth in NECA TARIFF F.C.C. NO. 3.

8.2.4 Payments for Special Construction

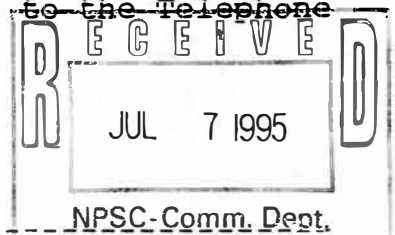
(A) Payment of Charges

All bills are due 31 days after the bill date and are payable in immediately available funds.

(B) Late Payment Penalties

If the entire amount billed, excluding any disputed amount, is received by the Telephone Company later than 31 days after the bill date, a late factor shall apply. The late factor shall be the lesser of:

- (1) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company, or
- (2) 0.000292 per day, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company.



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8. Special Construction (Cont'd.)

8.2 Regulations (Cont'd.)

8.2.4 Payments for Special Construction (Cont'd.)

(C) Billing Disputes Resolved in Favor of the Telephone Company

Late payment charges will apply to amounts withheld pending settlement of the dispute. Late payment charges are calculated as set forth in (B) preceding except that when the customer disputes the bill on or before the payment date and pays the undisputed amount on or before the payment date, the penalty interest period shall not begin until 10 days following the payment date.

(D) Billing Disputes Resolved in Favor of the Customer

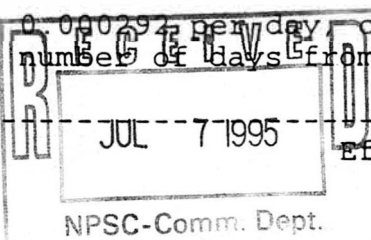
If the customer pays the total billed amount and disputes all or part of the amount, the Telephone Company will refund any overpayment. In addition, the Telephone Company will pay to the customer penalty interest on the overpayment. When a claim is filed within 90 days of the due date, the penalty interest period shall begin on the payment date. When a claim is filed more than 90 days after the due date, the penalty interest period shall begin from the date of the claim or the date of overpayment, whichever is later.

The penalty interest period shall end on the date that the Telephone Company actually refunds the overpayment to the customer. The penalty interest rate shall be the lesser of:

- (1) the highest interest rate (in decimal value) which may be levied by law for commercial transactions, compounded daily for the number of days from the first date to and including the last date of the period involved, or

- (2) 0.000297 per day, compounded daily for the number of days from the first date to and

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8. Special Construction (Cont'd.)

8.2 Regulations (Cont'd.)

8.2.4 Payments for Special Construction (Cont'd.)

(D) Billing Disputes Resolved in Favor of the Customer (Cont'd.)

(2) (Cont'd.)

including the last date of the period involved.

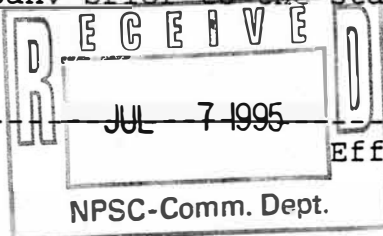
(E) Partial Payments

For special construction projects requiring a construction period longer than one month, the Telephone Company will require partial payments. The partial payment amounts will be determined by dividing the estimated total nonrecurring charge for the special construction project by the number of months between the time when the special construction begins and the completion date. Partial payments may not exceed the total nonrecurring charge for the special construction project. Partial payments will be billed monthly, and payment will be due 31 days after the bill date. If any partial payment is not received by the due date the Telephone Company will immediately cease all work on the special construction project, and cancellation charges will apply as set forth in 8.2.5(C)(3) following.

8.2.5 Liabilities and Charges for Special Construction

(A) General

This section describes the various charges and liabilities that may apply when the Telephone Company provides special construction of facilities in accordance with an order for service. Written approval of all liabilities and charges must be provided to the Telephone Company prior to the start of construction.



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8. Special Construction (Cont'd.)

8.2 Regulations (Cont'd.)

8.2.5 Liabilities and Charges for Special Construction
(Cont'd.)

(B) Development of Liabilities and Charges

Special construction charges and liabilities will be developed based on estimated costs. These estimates will be adjusted and an appropriate charge or credit determined upon project completion, on an individual case basis.

(C) Types of Liabilities and Charges

Depending on the specifics associated with each individual case, one or more of the following special construction charges and/or liabilities may be applicable:

(1) Nonrecurring Charge

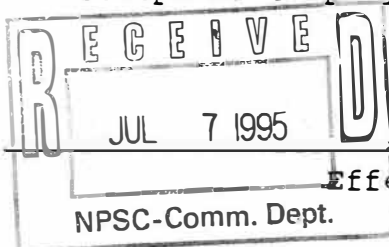
A nonrecurring charge always applies and includes one or more of the following components:

(a) Case Preparation Charge

A nonrecurring charge always includes a case preparation charge component to cover the administrative expenses associated with preparing a special construction case.

(b) Construction Charge

A construction charge will be applied to recover all direct labor and material costs required to complete the special construction project, along with overhead loadings which are developed according to standard Telephone Company policies.



ACCESS SERVICE

8. Special Construction (Cont'd.)

8.2 Regulations (Cont'd.)

8.2.5 Liabilities and Charges for Special Construction
(Cont'd.)

(C) Types of Liabilities and Charges (Cont'd.)

(1) Nonrecurring Charge (Cont'd.)

(c) Replacement Charge

If any portion of specially constructed facilities requires replacement involving capital investment, a replacement charge will apply. This charge will be the installed cost of the replaced specially constructed facilities. If any portion of the specially constructed facilities fails, service will not be restored until notification is provided in writing that replacement is required and such replacement is ordered.

(d) Rearrangement Charge

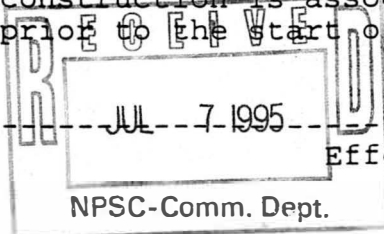
If the Telephone Company is requested to rearrange existing specially constructed facilities, a nonrecurring charge equal to the cost of any additional special construction will apply.

(2) Lease Charge

A lease charge applies when the Telephone Company leases equipment in order to meet service requirements. The amount of the charge is equal to the net added cost to the Telephone Company caused by the lease.

(3) Cancellation Charge

If a service order with which special construction is associated is cancelled prior to the start of service, a



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8. Special Construction (Cont'd.)

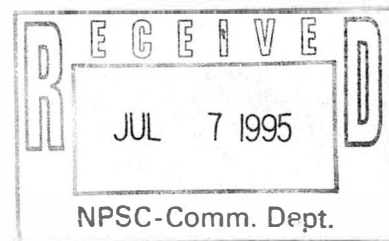
8.2 Regulations (Cont'd.)

8.2.5 Liabilities and Charges for Special Construction
(Cont'd.)

(C) Types of Liabilities and Charges (Cont'd.)

(3) Cancellation Charge (Cont'd.)

cancellation charge equal to the costs incurred by the Telephone Company, less estimated net salvage value will apply. Such costs include the nonrecoverable cost of equipment and material ordered, provided or used; plus the nonrecoverable cost of installation and removal, including the costs of engineering, labor, supervision, transportation, and rights-of-way; and other associated costs incurred by the Telephone Company up to and including the time of cancellation.



ACCESS SERVICE

9. Directory Assistance Service

9.1 General Description

9.1.3 Rate Categories

There are two rate categories which apply to Directory Assistance Service:

- Directory Assistance Service Call
- Directory Transport Service

(A) Directory Assistance Service Call

The Directory Assistance Service Call rate category provides for the use of general Directory Assistance (DA) Services, such as operators and DA access equipment necessary to provide DA Service to a customer.

(B) Directory Transport Service

Directory Transport Service provides the transmission facilities and transport termination between the premises of the ordering customer and the DA location. For purposes of determining Directory Transport Mileage, distance will be measured from the wire center that normally serves the customer premises to the DA location(s).

Directory Transport is a two-way voice frequency transmission path composed of Switched Access Local Transport facilities as set forth in 6.1.3 preceding. The two-way voice frequency path transports calls in the terminating direction (from the premises of the ordering customer to the DA location). The following rate elements, which are more fully described in 6.1.3(A) preceding, are applicable:

-Entrance Facility for the transport of the DA call from the customer's premises to the serving wire center (SWC) of that premises.

-Direct Trunked Transport (i.e., Direct Trunked Facility and Direct Trunked Termination) for

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9. Directory Assistance Service (Cont'd.)

9.1 General Description (Cont'd.)

9.1.3 Rate Categories (Cont'd.)

(B) Directory Transport Service (Cont'd.)

the transport of the DA call from the customer's SWC to the DA location without switching at a tandem or from the SWC to the tandem.

- Tandem Switched Transport (i.e., Tandem Switched Facility, Tandem Switched Termination, and Tandem Switching) for the transport of the DA call from the customer's SWC to the DA location with switching at a tandem, or from the tandem to the DA location.
- Interconnection Charge for the Local Transport costs that are not recovered by the Entrance Facility, Direct Trunked Transport, Tandem Switched Transport, Multiplexing, or dedicated signaling (i.e., SS7) rates.
- Multiplexing. DS3 to DS1 Multiplexing charges apply when a High Capacity DS3 Entrance Facility or Direct Trunked Facility is connected with High Capacity DS1 Direct Trunked Transport. The DS3 to DS1 multiplexer will convert a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

DS1 to Voice Grade Multiplexing charges apply when a High Capacity DS1 Entrance Facility or Direct Trunked Facility is connected with Voice Grade Direct Trunked Transport. A DS1 to Voice Grade Multiplexing charge does not apply when a High Capacity DS1 Direct Trunked Facility is terminated at an electronic end office and only Switched Access Service is provided over the DS1 facility. The DS1 to voice multiplexer will convert a 1.544 Mbps channel to 24 Voice Grade channels.

Multiplexing is only available at wire centers identified in NECA TARIFF F.C.C. NO. 4.

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9. Directory Assistance Service (Cont'd.)

9.1 General Description (Cont'd.)

9.1.3 Rate Categories (Cont'd.)

(B) Directory Transport Service (Cont'd.)

The customer will specify whether the DA Service is to be routed directly to a DA location or through an access tandem switch appropriately equipped for DA measurement and served by DA trunks to the DA location, when such an access tandem switch is available. The combination of FGB, FGC or FGD Switched Access Service with DA Service will only be provided at such available and appropriately equipped access tandem switches.

When Directory Transport is provided using a Direct Trunked Transport to the DA location, no address signaling is provided. When Directory Transport is provided with the use of an access tandem switch, wink start-start pulsing signaling is provided at the access tandem switch.

Directory Transport is provided with one of the Local Transport Interface Groups, as set forth in 15.1.1 of NECA TARIFF F.C.C. NO. 5.

9.4 Rate Regulations

This section contains the specific regulations governing rates and charges that apply for Directory Assistance Service.

9.4.1 Nonrecurring Charges

Nonrecurring charges for DA Service are one-time charges that apply for a specific work activity.

(A) Installation of Service

Nonrecurring Local Transport Installation and Direct Trunked Transport Activation charges as set forth in 17.2.1(A) and (F) following are applied as set forth in 6.4.1(B)(1) preceding to each DA Service installed.

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9. Directory Assistance Service (Cont'd.)

9.4 Rate Regulations (Cont'd.)

9.4.1 Nonrecurring Charges (Cont'd.)

(B) DA Service Arrangements

All changes to existing services other than changes involving administrative activities will be treated as a discontinuance of the existing service and an installation of a new service.

9.4.2 DA Service Call Charge

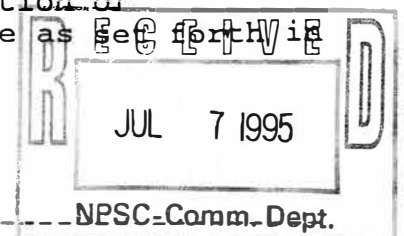
The DA service call charge, as set forth in 17.2.5(A) following, applies for each call to DA Service. (A "call" is defined as one which has been answered by a DA operator.) The charge applies whether or not the DA operator provides the requested telephone number. The number of calls answered by DA operators will be accumulated by Telephone Company measuring equipment. A credit for the provision of an incorrect telephone number will be applied as set forth in 9.4.8 of NECA TARIFF F.C.C. NO. 5.

9.4.3 Directory Transport Service

The premium Local Transport charges set forth in 17.2 following are also applicable to Directory Transport Service and will be assessed on the same basis as the Switched Access Local Transport rate elements set forth in 6.1.3(A) preceding: Entrance Facility, Direct Trunked Transport, Tandem Switched Transport, Multiplexing, and Interconnection Charge.

9.4.6 DA Service Rearrangements

Nonrecurring charges apply for service rearrangements. Service rearrangements and the regulations concerning the application of associated nonrecurring charges are as set forth in 6.4.1(B)(3) preceding.



ACCESS SERVICE

10. Voice Over Internet Protocol - Public Switched Telephone Network Factor

10.1 General.

10.1.a The following prospective Intercarrier Compensation ("ICC") framework shall apply to Voice over Internet Protocol ("VoIP") - Public Switched Telephone Network ("PSTN") traffic that would otherwise be subject to the Company's terminating intrastate toll access charges. This framework is being established solely as a result of the Report and Order and Further Notice of Proposed Rulemaking, FCC 11-161, released November 18, 2011 (the "Report and Order") by the Federal Communications Commission ("FCC") and the FCC's Order, DA 12-147, released February 3, 2012.

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10.1.b The filing of this Section 10 by the Company is not and may not be used as an admission that the prior ICC frameworks applicable to the assessment of access charges to intrastate traffic originated on or terminated to the Company's network do not apply.

10.1.c The Company retains the right to alter the terms and conditions of this Section 10 in order to conform to the requirements of the Report and Order, including any and all changes that may be made to the ICC structure adopted by the FCC in the Report and Order.

10.2 Scope of Section 10.

10.2.a The terms of this Section 10 shall only apply to traffic that a Customer, in good faith, demonstrates to be within the definition of "Intrastate Toll VoIP-PSTN Traffic."

10.2.b. For purposes of applying the definition of Intrastate Toll VoIP-PSTN Traffic the following shall apply:

10.2.b.i The term "Intrastate Toll" means traffic involving calling and called



end users, both of which are identified as being located in the State of Nebraska, one of which is identified as being located outside of the local calling area of the Company, and the other of which is a Company end user identified as being located within the local calling area. The determination of Intrastate Toll shall be made through the application of the traffic identification provisions of this Tariff and those that may exist in the Company's then effective interstate tariff (including provisions related to Percent Interstate Use) or through some other negotiated traffic identification arrangements included in an interconnection agreement between the Customer and the Company.

10.2.b.ii The term "VoIP" means traffic that is originated by or terminated to an end user in Internet Protocol format, i.e., calls that utilize Internet protocol-compatible customer premises equipment.

10.2.b.iii The term "PSTN" means traffic that, regardless of the originating or terminating format used by the Customer and the Company, is exchanged between the Customer and the Company in Time Division Multiplexing format.

10.3 Establishment of the Percent VoIP Usage Factor

10.3.a Should the Customer desire to avail itself of the provisions of this Section 10, the Customer shall first provide to the Company a factor for Intrastate Toll VoIP-PSTN Traffic identified through the application of Section 10.2, above (the "Percent VoIP Usage" or "PVU" factor).

10.3.b No Customer shall provide a PVU factor without the ability to promptly supply traffic studies or other reasonable analyses prepared in



good faith to demonstrate the accuracy of the PVU factor.

10.3.c Timing of and procedures applicable to the update of a PVU factor by a Customer shall be governed by the provisions applicable to updating of a Percent Interstate Usage as contained in this Tariff or in the Company's interstate exchange access tariff.

10.3.d Timing of and procedures applicable to an audit by the Company of a Customer's PVU factor shall be governed by the audit provisions applicable to the Percent Interstate Usage as contained in this Tariff or in the Company's interstate exchange access tariff. Notwithstanding anything to the contrary set forth herein, upon reasonable request by the Company, a Customer shall promptly provide the Company with the Customer's traffic studies or other reasonable analyses that demonstrate the accuracy of the PVU factor.

10.3.e. Provided that the Customer has not already included such traffic in its PVU factor calculation, in the event that the Company provides service to its end users via Internet Protocol-capable customer premises equipment, the Company shall report to the Customer the percentage of its end users that utilize such an arrangement and shall apply such percentage to the total Intrastate Toll traffic and rate such traffic in a manner consistent with Section 10.4, below.

10.4 Application of the PVU Factor.

10.4.a Although subject to the dispute provisions of this Tariff and treated as intrastate jurisdictional traffic by the Company, traffic delivered to the Customer or received from the Customer for termination on the Company's network that is determined to be Intrastate Toll VoIP-PSTN Traffic by application of the PVU factor shall be subject to the lower of then applicable (C)



interstate access rates and rate structure
established by the Company or the Company's (C)
corresponding then existing intrastate access I
rates. (C)

10.4.b Any dispute arising from the provisions of this Section 10 shall be subject to the dispute provisions of this Tariff. Notwithstanding any provision to the contrary, should a dispute arise under this Section 10 regarding the level of the reported PVU factor, until such time as such dispute is resolved, the Customer shall pay the Company the applicable interstate access rate for the Intrastate Toll VoIP-PSTN Traffic that is subject to the dispute based on the Customer's reported PVU factor. True-ups of charges by the Company shall be based on the resolution of the dispute along with applicable interest as provided for in the dispute provisions of this Tariff.



ACCESS SERVICE

(N)

12. Special Arrangements

12.1 General

Special Arrangements may be provided by the Company on an Individual Case Basis (ICB) if such arrangements meet the following criteria:

- the requested arrangements are not offered under other sections of this tariff, and
- the arrangements are subject to the availability of the necessary Telephone Company personnel and capital resources.

Rates and charges and additional regulations, if applicable, are provided on an ICB and are set forth in 17.4.7 following.

12.2 Ethernet Transport Service

12.2.1 Service Arrangement/Description

An ethernet transport service is provided by the Company between the Nebraska exchanges of Aurora, Giltner, Trumbull, Hampton, Marquette, Hordville, Doniphan, Stockham, and Phillips. The ethernet network connects customer owned routers and consists of fiber between exchanges with Transition Solution 100 Base-FX single mode simplex fiber converters to TX converters.

12.2.2 Maintenance of Service

The Company will be responsible for maintaining and upgrading all of its facilities utilized in providing this service.

12.2.3 Preemption of Service

The Company may preempt the service if and when the Company determines it is necessary to utilize the facilities for its own network communications purposes. Further, the Company may give preference to the maintenance of service for other users of the facilities based on their relative lengths of service. In the event of preemption, the Company will incur no liability for damages or loss to the users of its facilities, except that it will refund to said users the pro rata monthly service fee for the period of time that the service is preempted.

(N)

ACCESS SERVICE

(N)

12. Special Arrangements (cont'd.)

12.3 Video Transport Service

12.3.1 Service Arrangement/Description

A video transport service is provided by the Company between the Nebraska exchanges of Aurora, Giltner, Trumbull, Hampton, Marquette, Hordville, and Doniphan. The video network consists of fiber between exchanges with fiber transmitters/receivers/converters at each exchange.

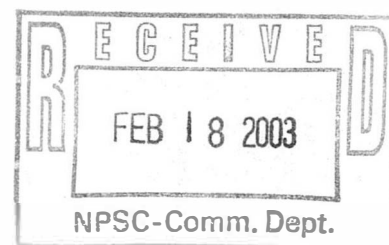
12.3.2 Maintenance of Service

The Company will be responsible for maintaining and upgrading all of its facilities utilized in providing this service.

12.3.3 Preemption of Service

The Company may preempt the service if and when the Company determines it is necessary to utilize the facilities for its own network communications purposes. Further, the Company may give preference to the maintenance of service for other users of the facilities based on their relative lengths of service. In the event of preemption, the Company will incur no liability for damages or loss to the users of its facilities, except that it will refund to said users the pro rata monthly service fee for the period of time that the service is preempted.

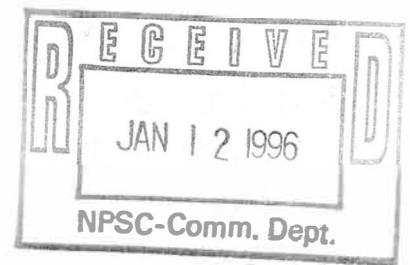
(N)



ACCESS SERVICE

16. Reserved for future use.

(N)



Issued: January 15, 1996

Effective: January 25, 1996

ACCESS SERVICE
RATE LIST

17. Rates and Charges

17.1 Reserved for Future Use

17.2 Switched Access Service

17.2.1 Nonrecurring Charges

(A) Reserved for future use.

(B) Reserved for future use.

(C) Interim NXX Translation Per Order Rate

(Per LATA or Market Area)

(See NOTE)

NOTE: Rate mirrors NECA Tariff No. 5

Issued: May 25, 2015

Effective: July 1, 2015

ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.2 Switched Access Service (Cont'd.)

- 17.2.1 Nonrecurring Charges (Cont'd) Rate
- (D) FGC and FGD Conversion of Multi-Frequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling.
- Per 24 Trunks Converted or fraction thereof on a Per Order Basis (See NOTE)
- (E) Trunk Activation
- Per 24 Trunks Activated or fraction thereof, on a Per Order Basis (See NOTE)
- (F) Reserved for future use.

- 17.2.2 Local Transport Rate
- Entrance Facility
Per Termination
 - Voice Grade-2 Wire (See NOTE)
 - Voice Grade-4 Wire (See NOTE)
 - High Capacity DS1 (See NOTE)
 - High Capacity DS3 (See NOTE)
 - Direct Trunked Transport
Direct Trunked Facility
Per Mile
 - Voice Grade (See NOTE)
 - High Capacity DS1 (See NOTE)
 - High Capacity DS3 (See NOTE)
Direct Trunked Termination
Per Termination
 - Voice Grade (See NOTE)
 - High Capacity DS1 (See NOTE)
 - High Capacity DS3 (See NOTE)

NOTE: Rate mirrors NECA Tariff No. 5

ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.2 Switched Access Service (Cont'd.)

17.2.2	<u>Local Transport</u> (Cont'd.)	<u>Rate</u>	
-	<u>Multiplexing</u> Per Arrangement		
	- DS3 to DS1	(See Note)	
	- DS1 to Voice	(See Note)	
-	<u>Tandem Switched Transport</u> (Applies to Non-Toll Free Only)		(C)
-	<u>Tandem Switched Facility</u> Per Access Minute Per Mile		
	Originating	\$.0007232	
	Terminating	(See Note)	
-	<u>Tandem Switched Termination</u> Per Access Minute Per Termination		
	Originating	\$.00480667	
	Terminating	(See Note)	
-	<u>Tandem Switching</u> Per Access Minute Per Tandem	(See Note)	
	<u>Network Blocking Per Blocked Call</u> Applies to FGD only	(See Note)	

Note: Rate mirrors NECA Tariff No. 5

Issued: June 29, 2021

Effective: July 9, 2021

Received by NPSC
07/01/2021

ACCESS SERVICE
 RATE LIST

17. Rates and Charges (Cont'd.)

17.2 Switched Access Service (Cont'd.)

17.2.2 Local Transport (Cont'd.)

(A) Common Channel Signaling Network Connection

(1) Signaling Network Access Link Rate

- Signaling Mileage Facility NA
 Per Mile

- Signaling Mileage Termination NA
 Per Terminating

- Signaling Entrance Facility NA
 Per Facility

NRC*
 NA

(2) STP Port

- Per Port NA

(B) 800 Data Base Access Service Queries (C)

Per Query

- Basic ** (R)

- Vertical Feature ** (R)

(C) 500 Access Service Carrier

Identification Charge

Per Call \$0.0075

* NRC is an abbreviation for nonrecurring charge.

** Rate mirrors NECA Tariff No. 5 for 800 Data Base Queries.

 Issued: June 29, 2021

Effective: July 9, 2021

ACCESS SERVICE
 RATE LIST

17. Rates and Charges (Cont'd.)

17.2 Switched Access Service (Cont'd.)

17.2.3 End Office

(A)	<u>Local Switching</u>	<u>Rate</u>	
	Per Access Minute		
	(Applies to Non-Toll Free)		(C)
	Originating	\$.02893375	
	Terminating	(See Note 1)	
	(Applies to Toll Free Only)		(N)
	Originating	(See Note 2)	(N)
	Terminating	(See Note 2)	(N)
(B)	<u>Information Surcharge</u>		
	Per Access Minute		
	(Applies to Non-Toll Free)		(C)
	Originating	\$.00021625	
	Terminating	(See Note 1)	
	(Applies to Toll Free Only)		(N)
	Originating	(See Note 2)	(N)
	Terminating	(See Note 2)	(N)

17.2.4 Reserved for future use.

17.2.5 Directory Assistance Service

(A)	<u>Directory Assistance Service</u>	<u>Rate</u>
		\$0.9000
	A Directory Assistance Service Charge applies for each call to Directory Assistance Service	
	(B) Reserved for future use.	

Note 1: Rate mirrors NECA Tariff FCC No. 5 for terminating Local Switching and terminating Information Surcharge.

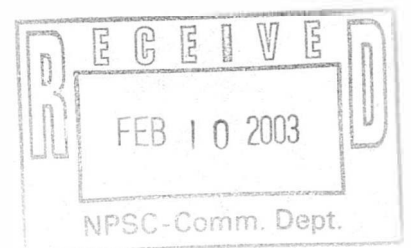
Note 2: Rate mirrors NECA Tariff FCC No. 5 for Toll Free Local Switching and Toll Free Information Surcharge.

 Issued: June 29, 2021

Effective: July 9, 2021

Bill Message (last page) for 03/01/03
Telephone Company Bills
RE: Directory Assistance Rate Increase

Effective March 20, 2003, the rate for directory assistance will increase to \$.90 per call. This charge applies when you call 4-1-1 from any phone line served by Hamilton Telephone Company. Directory assistance calls using 1+(desired area code of the number you want), then 555-1212, will be billed at the established rate charged by your chosen long distance service provider. If you have Hamilton Long Distance as your carrier, the directory assistance rate will also be \$.90 per call. The cost of providing directory assistance has been increasing for several years causing the need for this rate adjustment. Please call our business office at 694-5101 if you have any questions.



ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

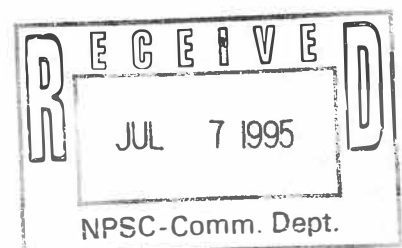
17.2 Switched Access Service (Cont'd.)

17.2.5 Directory Assistance Service (Cont'd.)

(C) Credit Allowance for Uncompleted Rate
DA Calls

In addition to the credit allowance for Directory Assistance Service Call as set forth in 9.4.8(A) of NECA TARIFF F.C.C. NO. 5, there is also a credit allowance for the Switched Access Service portion in the originating LATA of such DA call. The credit will be as set forth following:

- (1) Reserved for future use.
- (2) Credit per call \$.1117
for FGA or FGB Switched
Access Service
- (3) Credit per call \$.1117
for FGC or FGD Switched
Access Service



ACCESS SERVICE
RATE LIST

17. Rates and Charges

17.2 Switched Access Service (Cont'd.)

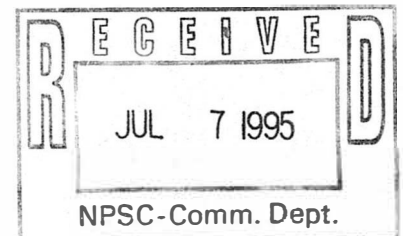
17.2.6 Assumed Minutes of Use

Assumed
Minutes
Per Month
Per Line or
Trunk

(A) Feature Group A, Two Way Calling (1510 Originating, 2685 Terminating)	4195
(B) Feature Group A, Originating Only	1510
(C) Feature Group A, Terminating Only	2685
(D) Feature Group B, Two Way Calling (3132 Originating, 5568 Terminating)	8700
(E) Feature Group B, Originating Only	3132
(F) Feature Group B, Terminating Only	5568

17.2.7 Operator Transfer Service
Per Call Transferred

Rate
\$0.4588



NEBRASKA PUBLIC SERVICE COMMISSION

DIRECTORY ASSISTANCE

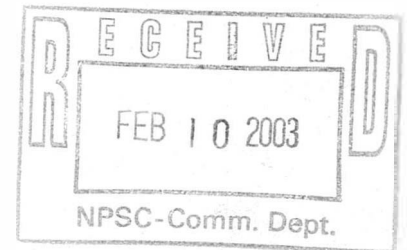
Local Directory Assistance (411) \$0.90/call (I)

COIN SUPERVISION ADDITIVE SERVICE

Hamilton will provide Coin Supervision Additive Service to Payphone Service Providers who order local exchange service lines for the provision of pay telephone service and require central office coin supervision capability. Coin Supervision Additive Service provides the capability of central office line equipment to pass signals and/or tones for a local exchange service line to a trunk terminating at the Payphone Service Provider's operator service provider. The service allows the operator service provider to recognize coin deposits, return coins to users, and automatically ring back the originating line upon completion of a call. A monthly Coin Supervision Additive Service charge is assessed on a per line basis.

COIN SUPERVISION ADDITIVE SERVICE

Coin Supervision Additive Service Charge \$2.21/line/month



Issued: February 10, 2003

Effective: March 20, 2003

ACCESS SERVICE
 RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service Monthly Rate

-Per Voice Grade Equivalent \$25.00

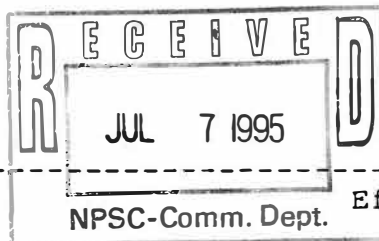
17.3.2 Reserved for future use.

17.3.3 Reserved for future use.

17.3.4 Voice Grade Service

Regulations for Voice Grade Service are set forth in NECA TARIFF F.C.C. NO. 5, Section 7.6.

	<u>Monthly Rate</u>	<u>Nonrecurring</u>
(A) Channel Termination Per Termination		
- Two-wire	\$30.00	\$223.24
- Four-wire	\$50.00	\$223.24
(B) Channel Mileage		<u>Monthly Rate</u>
(1) Channel Mileage Facility Per Mile		\$ 2.00
(2) Channel Mileage Termination Per Termination		\$ 20.00
(C) Optional Features and Functions		
(1) Bridging		
(a) <u>Voice Bridging</u> Per Port		
-Two-Wire		\$ 4.19
-Four-Wire		\$ 4.19
(b) <u>Data Bridging</u> Per Port		
-Two-Wire		\$ 4.19
-Four-Wire		\$ 4.19



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Effective: July 16, 1995

ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service (Cont'd.)

17.3.4 Voice Grade Service (Cont'd.)

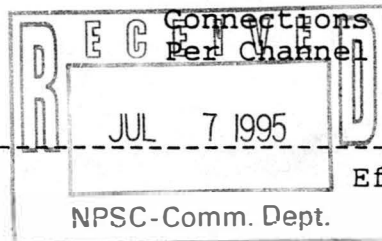
(1) Bridging (Cont'd.)

(C) Optional Features and Functions (Cont'd.)

	<u>Monthly Rate</u>
(c) <u>Telephoto Bridging</u> Per Port	
-Two-Wire	\$ 4.19
-Four-Wire	\$ 4.19
(d) <u>DATAPHONE Select-A-Station Bridging</u>	
Sequential Arrangement, Ports Per Channel Connected	
-Two-Wire	\$ 22.19
-Four-Wire	\$117.70
Addressable Arrangement, Ports Per Channel Connected	
-Two-Wire	\$ 23.75
-Four-Wire	\$102.80
(e) <u>Telemetry and Alarm Bridging</u>	
Active Bridging Channel Connections Per Channel Connected	
-Split Band	\$ 8.88
-Summation	\$ 1.51
Passive Bridging Channel Connections Per Channel Connected	\$ 0.22

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Effective: July 16, 1995



ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

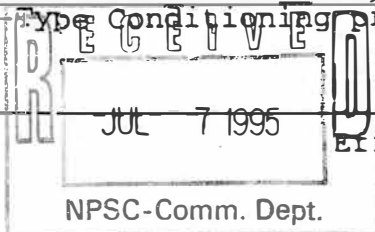
17.3 Special Access Service (Cont'd.)

17.3.4 Voice Grade Service (Cont'd.)

	<u>Monthly Rate</u>
(C) Optional Features and Functions (Cont'd.)	
(2) Conditioning Per Termination	
- C-Type	\$ 6.25
- Improved Attenuation Distortion*	None
- Improved Envelope Delay Distortion*	None
- Data Capability	\$ 4.00
- Telephoto Capability	\$ 8.00
- Sealing Current	None
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination	
- Two-Wire	\$ 1.85
- Four-Wire	\$ 1.85
(4) Customer Specified Receive Level Per Two-Wire Termination	ICB
(5) Reserved for future use.	
(6) Signaling Capability Per Termination	\$14.42

* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

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ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service (Cont'd.)

17.3.4 Voice Grade Service (Cont'd.)

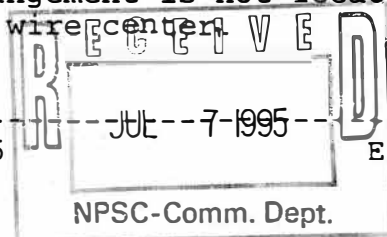
	<u>Monthly Rate</u>
(C) Optional Features and Functions (Cont'd.)	
(7) Selective Signaling Arrangement Per Termination	\$15.42
(8) Transfer Arrangement (key activated or dial-up*)	
- Per four port arrangement including control channel termination**	\$ 3.30
- Per five port arrangement including control channel termination**	\$ 7.52
(9) Public Packet Switching Network (PPSN) Interface Arrangement Per Arrangement	ICB

NOTE: ICB rates and charges shall be filed in 17.3.9.

*The dial-up option requires the customer to purchase the
Controller Arrangement, which is described in NECA TARIFF F.C.C.
NO. 5, Section 13.3.4.

**An additional Channel Termination charge will apply whenever a
spare channel is configured as a leg to the customer designated
premises. Additional channel mileage charges will also apply when
the transfer arrangement is not located in the customer designated
premises serving wire center.

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ACCESS SERVICE
 RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service (Cont'd.)

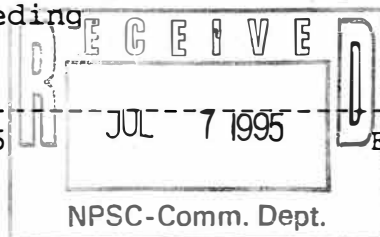
17.3.5 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.7 of NECA TARIFF F.C.C. NO. 5.

		<u>Nonrecurring Charge</u>	
	<u>Monthly Rate</u>	<u>Daily* Rate</u>	
		<u>Monthly</u>	<u>Daily</u>
(A) Channel Termination Per Termination			
- 200 to 3500 Hz	\$37.50	\$3.74	\$166.00
- 100 to 5000 Hz	41.08	4.11	166.00
- 50 to 8000 Hz	41.08	4.11	166.00
- 50 to 15000 Hz	41.08	4.11	166.00
(B) Channel Mileage			
		<u>Monthly Rate</u>	<u>Daily* Rate</u>
(1) Channel Mileage Facility Per Mile			
- 200 to 3500 Hz		\$ 2.73	\$ 0.27
- 100 to 5000 Hz		5.45	0.55
- 50 to 8000 Hz		8.18	0.82
- 50 to 15000 Hz		10.91	1.09
(2) Channel Mileage Termination Per Termination			
- 200 to 3500 Hz		\$ 27.38	\$ 2.74
- 100 to 5000 Hz		54.76	5.48
- 50 to 8000 Hz		82.14	8.21
- 50 to 15000 Hz		109.52	10.95

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding

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Effective: July 16, 1995

ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

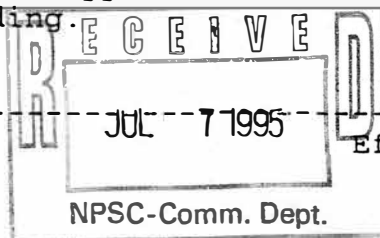
17.3 Special Access Service (Cont'd.)

17.3.5 Program Audio Service (Cont'd.)

	<u>Monthly Rate</u>	<u>Daily* Rate</u>
(C) Optional Features and Functions		
(1) Bridging, Distribution Amplifier Per Port	\$ 19.97	\$2.00
(2) Gain Conditioning Per Service	\$ 12.90	\$1.29
(3) Stereo Per Service	\$ 22.15	\$2.22

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.

Issued: July 6, 1995



Effective: July 16, 1995

ACCESS SERVICE
 RATE LIST

17. Rates and Charges (Cont'd.)

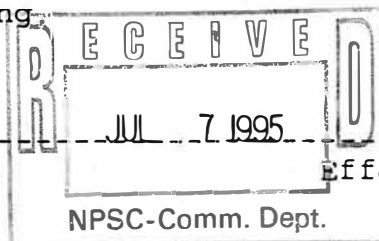
17.3 Special Access Service (Cont'd.)

17.3.6 Video Service

Regulations concerning Video Service are set forth in NECA TARIFF F.C.C. NO. 5, Section 7.8.

			<u>Nonrecurring Charge</u>	
	<u>Monthly Rate</u>	<u>Daily* Rate</u>	<u>Monthly</u>	<u>Daily</u>
(A) Channel Termination Per Termination				
- TV-1 or 2	\$389.43	\$214.18	\$310.00	\$310.00
- 4TV-5	379.36	208.92	310.00	310.00
- 6TV-5	403.58	221.97	310.00	310.00
- TV-15	418.88	230.39	310.00	310.00
			<u>Monthly Daily*</u>	
			<u>Rate</u>	<u>Rate</u>
(B) Channel Mileage				
(1) Channel Mileage Facility Per Mile				
- All			\$356.53	\$196.09
(2) Channel Mileage Termination Per Termination				
- All			\$379.86	\$208.92

* Daily Rates will be topped and maximum rates derived as set forth in 7.2.2(B) preceding.



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ACCESS SERVICE
 RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service (Cont'd.)

17.3.7 Digital Data Service

Regulations concerning Digital Data Service are set forth in NECA TARIFF F.C.C. NO. 5, Section 7.9.

	<u>Monthly Rate</u>	<u>Nonrecurring</u>
(A) Channel Termination Per Termination		
- 2.4 kbps	\$86.80	\$311.64
- 4.8 kbps	86.80	311.64
- 9.6 kbps	86.80	311.64
- 19.2 kbps	86.80	311.64
- 56.0 kbps	86.80	207.78
- 64.0 kbps	86.80	207.78

(B) Channel Mileage

(1) Channel Mileage Facility
Per Mile

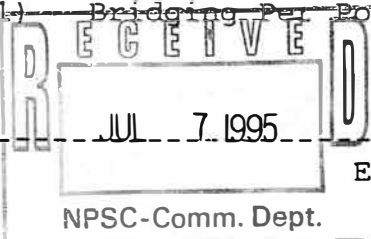
- 2.4 kbps	\$ 1.88
- 4.8 kbps	1.88
- 9.6 kbps	1.88
- 19.2 kbps	1.88
- 56.0 kbps	3.76
- 64.0 kbps	3.76

(2) Channel Mileage Termination
Per Termination

- 2.4 kbps	\$18.97
- 4.8 kbps	18.97
- 9.6 kbps	18.97
- 19.2 kbps	18.97
- 56.0 kbps	37.95
- 64.0 kbps	37.95

(C) Optional Features and Functions Monthly
Rate

(1) Bridging Per Port \$26.09



 Issued: July 6, 1995

Effective: July 16, 1995

ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service (Cont'd.)

17.3.7 Digital Data Service (Cont'd.)

(C) Optional Features and Functions (Cont'd.)	Monthly <u>Rate</u>
(2) Loop Transfer Arrangement Per Four Port Arrangement* Key activated or Dial-up**	\$ 6.54
(3) Public Packet Switching Network Interface Arrangement	
- Per 9.6 kbps arrangement	ICB
- Per 56.0 kbps arrangement	ICB
(D) Channel Service Unit Per Termination***	
- 2.4 kbps	\$31.05
- 4.8 kbps	31.05
- 9.6 kbps	31.05
- 56.0 kbps	31.05

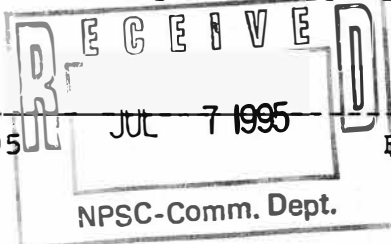
* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

** The Dial-Up option requires the customer to purchase the Controller Arrangement from 13.3.4, as described in NECA TARIFF F.C.C. NO. 5.

ICB rates and charges are filed in 17.3.9 following.

*** Channel Service Units will only be provided under this catalog if they existed in the Telephone Company's inventory as of November 18, 1983.

Issued: July 6, 1995



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ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service (Cont'd.)

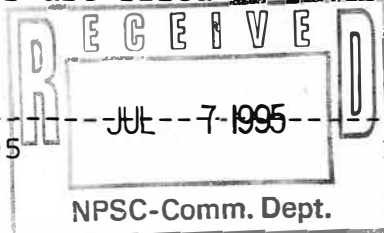
17.3.8 High Capacity Service

Regulations concerning High Capacity
Service are set forth in 7.10 of
NECA TARIFF F.C.C. NO. 5.

	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
(A) Channel Termination Per Termination		
- DS1 1.544 Mbps	\$180.00	\$381.10
- DS1C 3.152 Mbps	ICB	ICB
- DS2 6.312 Mbps	ICB	ICB
- Capacity of 1 DS3 44.736 Mbps Interface Per DS3 Channel Installed	ICB ICB	ICB ICB
- Capacity of 3 DS3 44.736 Mbps Interface Per DS3 Channel Installed	ICB ICB	ICB ICB
- Capacity of 6 DS3 44.736 Mbps Interface Per DS3 Channel Installed	ICB ICB	ICB ICB
- Capacity of 12 DS3 44.736 Mbps Interface Per DS3 Channel Installed	ICB ICB	ICB ICB
- DS4 274.176 Mbps	ICB	ICB

ICB rates and charges are filed in 17.3.9 following.

Issued: July 6, 1995



Effective: July 16, 1995

ACCESS SERVICE
 RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service (Cont'd.)

17.3.8 High Capacity Service (Cont'd.)

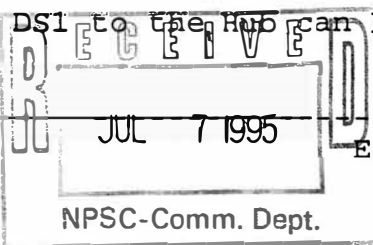
(B) Channel Mileage	<u>Monthly</u>
(1) Channel Mileage Facility Per Mile	<u>Rate</u>
- 64 kbps*	\$ 5.50
- 1.544 Mbps	25.00
- 3.152 Mbps	ICB
- 6.312 Mbps	ICB
- 44.736 Mbps	ICB
- 274.176 Mbps	ICB
(2) Channel Mileage Termination Per Termination	
- 64 kbps*	\$ 65.00
- 1.544 Mbps	140.00
- 3.152 Mbps	ICB
- 6.312 Mbps	ICB
- 44.736 Mbps	ICB
- 274.176 Mbps	ICB
(C) Term Discounts DS1 and DS3 Services	<u>Percentage</u>
36 months	10%
60 months	20%
(D) Optional Features and Functions	<u>Monthly Rate</u>
(1) Multiplexing, per arrangement	
DS4 to DS1	ICB
DS3 to DS1	ICB
DS2 to DS1	ICB
DS1C to DS1	ICB
DS1 to Voice**	\$300.00

* Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

ICB rates and charges are filed in 17.3.9 following.

** A channel of this DS1 to the Hub can be used for Digital Data Service.

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RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service (Cont'd.)

17.3.8 High Capacity Service (Cont'd.)

(D) Optional Features and Functions (Cont'd.)	<u>Monthly Rate</u>
(1) Multiplexing, per arrangement (Cont'd.)	
DS1 to DS0	\$300.00
DS0 to Subrates	
-Up to 20 2.4 kbps services	450.00
-Up to 10 4.8 kbps services	255.00
-Up to 5 9.6 kbps services	225.00
(2) Automatic Loop Transfer Per Arrangement*	\$250.00
(3) Transfer Arrangement (key activated or dial-up**) Per four port arrangement including control channel termination***	\$181.16
(E) Network Channel Terminating Equipment (NCTE) Per Termination#	
- 1.544 Mbps	\$ 93.01
- Automatic Loop Transfer	500.00
(F) Clear Channel Capability	
- Per 1.544 Mbps transmission path	None

* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises (CDP).

** The dial-up option requires the customer to purchase the Controller Arrangement from 13.3.4, as described in NECA TARIFF F.C.C. NO. 5.

*** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the CDP. Additional channel mileage charges will also apply when the transfer arrangement is not located in the CDP serving wire center.

NCTE will only be provided under this catalog if it existed in the Telephone Company's Inventory as of November 18, 1983.

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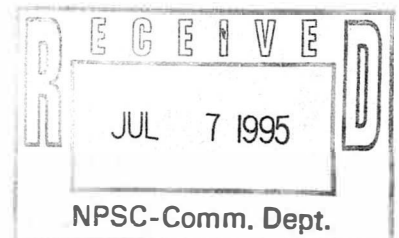
ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service (Cont'd.)

17.3.9 Individual Case Filings

Reserved for future use.



ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.3 Special Access Service (Cont'd.)

17.3.10 High Capacity Optional Rate Plan Availability

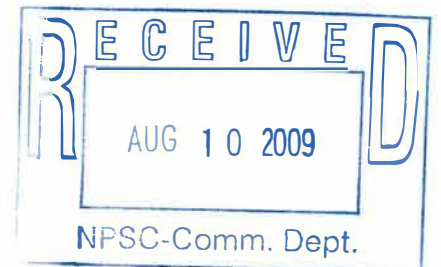
The Term Discount and Capacity Discount Optional Rate Plans, as described in NECA Tariff FCC No. 5, Section 7.2.8, are available from Hamilton Telephone Company.

17.3.11 Special Access to Schools for Distance Learning Applications

(C)

ICB

|
(C)



ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.4 Other Services

Charge

17.4.1 Access Ordering

(A) Access Order Charge

Per Order

\$ 86.00 (I)

(B) Service Date Change Charge

A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.4.1(A) preceding does not Apply.

Service Date Change Charge,
Per Order

\$ 60.00 (I)

(C) Design Change Charge

The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change.

Design Change Charge, Per Order

\$ 84.00 (I)

(D) Miscellaneous Service Order Charge

Per Occurrence

\$123.00 (I)

17.4.2 Additional Engineering

Each Half
Hour or
Fraction
Thereof

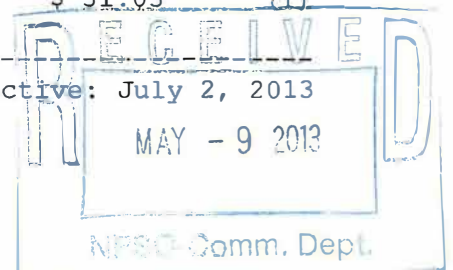
Additional Engineering Periods

(A) Basic time per engineer,
normally scheduled working
hours

\$ 31.03 (I)

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Effective: July 2, 2013



ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.4 Other Services (Cont'd.)

17.4.2 Additional Engineering (Cont'd.)

		Each Half Hour or Fraction Thereof	
	<u>Additional Engineering Periods (Cont'd)</u>		
(B)	Overtime per engineer, outside of normally scheduled working hours	\$ 46.55	(I)
(C)	Premium time, outside of scheduled work day, per engineer	\$ 62.06	(I)

17.4.3 Additional Labor

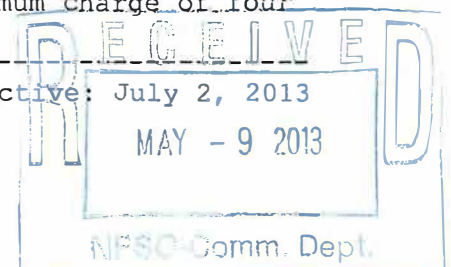
Additional Labor Periods

(A)	Installation or Repair		
	Overtime, outside of normally scheduled working hours on a scheduled workday Per Technician*	\$ 47.57	(I)
	Premium time, outside of scheduled work day Per Technician*	\$ 63.42	(I)
(B)	Stand By		
	Basic time, normally scheduled working hours Per Technician	\$ 21.18	(I)
	Overtime, outside of normally scheduled working hours on a scheduled work day Per Technician	\$ 31.77	(I)

*A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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ACCESS SERVICE
 RATE LIST

17. Rates and Charges (Cont'd.)

17.4 Other Services (Cont'd.)

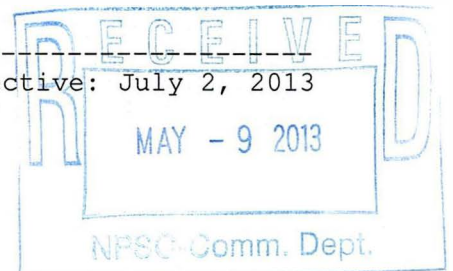
17.4.3 Additional Labor (Cont'd.)

<u>Additional Labor Periods (Cont'd)</u>	<u>Each Half Hour or Fraction Thereof</u>		
(B) Stand By (Cont'd)			
Premium time, outside of scheduled work day Per Technician*	\$ 42.36		(I)
		<u>Each Half Hour or Fraction Thereof</u>	
		C.O. Install. Main- & Repair tenance Tech. Tech.	
(C) Testing and Maintenance with other Telephone Companies, or Other Labor			
Basic time per technician, normally scheduled working hours	\$31.71	\$34.66	(I)
Overtime per technician outside of normally scheduled working hours on a work day*	\$47.57	\$51.99	(I)
Premium time per technician, outside of scheduled work day*	\$63.42	\$69.32	(I)

*A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.4 Other Services (Cont'd.)

17.4.4 Miscellaneous Services

(A) Additional Cooperative Acceptance Testing-
Switched Access

<u>Testing Periods</u>	<u>Each Half Hour or Fraction Thereof</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.

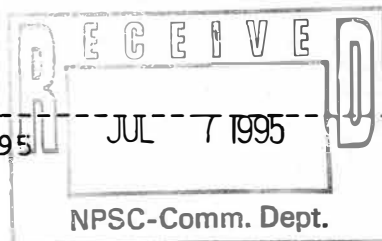
(B) Additional Automatic Testing - Switched Access

<u>Additional Tests To First Point of Switching</u>	<u>Per Test Per Transmission Path</u>
Gain-Slope Tests	\$2.89
C-Notched Noise Tests	\$2.89
1004 Hz Loss**	\$2.89
C-Message Noise**	\$2.89
Balance (return loss)**	\$2.89

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

** The 1004 Hz, C-Message Noise and Balance tests are non-chargeable routine tests; however, they may be requested on an as needed or more than routine scheduled basis, in which cases the charges herein apply. See NECA TARIFF F.C.C. NO. 5, 13.3.1(A)(2).

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RATE LIST

17. Rates and Charges (Cont'd.)

17.4 Other Services (Cont'd.)

17.4.4 Miscellaneous Services (Cont'd.)

(C) Additional Manual Testing - Switched Access

Additional Tests To First Point of Switching

	Each Half Hour Or Fraction <u>Thereof</u>
Gain-Slope, C-Notched Noise and any other agreed to tests Per Technician	See the rates for Additional Labor, as set forth in 17.4.3(C) preceding.

(D) Additional Cooperative Acceptance Testing -
Special Access

	Each Half Hour Or Fraction <u>Thereof</u>
<u>Testing Periods</u> Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.

(E) Additional Manual Testing -
Special Access

	Each Half Hour Or Fraction <u>Thereof</u>
<u>Testing Periods</u> Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.

* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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17. Rates and Charges (Cont'd.)

17.4 Other Services (Cont'd.)

17.4.4 Miscellaneous Services (Cont'd.)

(F) Maintenance of Service

Maintenance of
Service Periods

Each Half Hour
Or Fraction
Thereof

Basic Time, Overtime*
and Premium Time*

See the rates
for Additional
Labor as set
forth in
17.4.3 (C)
preceding.

(G) Telecommunications Service Priority

Per Service Arranged

Nonrecurring Charge
\$ 54.63

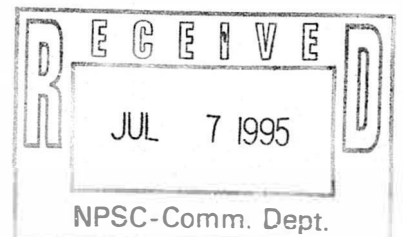
(H) Controller Arrangement

Per Arrangement

Monthly Rate
\$100.00

(I) Reserved for future use

- * A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.



ACCESS SERVICE
RATE LIST

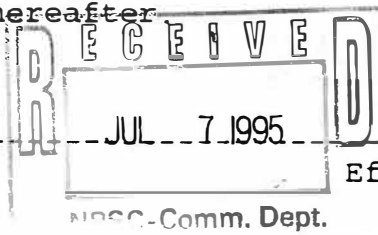
17. Rates and Charges (Cont'd.)

17.4 Other Services (Cont'd.)

17.4.4 Miscellaneous Services (Cont'd.)

(J) <u>Unauthorized PIC Change</u>	<u>Nonrecurring Charge</u>
- Residence/Business Per Telephone Exchange Service Line or Trunk	\$35.65
- Public and/or Semi-Public Pay Telephone Per Telephone Exchange	\$57.57
(K) <u>Blocking Service*</u>	
- Per exchange service line, trunk and/or per FGA Switched Access Line	\$11.20
(L) <u>Billing Name and Address Service</u>	
- Per BNA Order	\$50.94
- Per BNA Record	\$.33
- Optional Magnetic Tape Charge, Per Magnetic Tape	\$91.44
- Optional Format Programming Charge, Per Each Half Hour or Fraction Thereof	\$37.20

* Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter



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RATE LIST

17. Rates and Charges (Cont'd.)

17.4 Other Services (Cont'd.)

17.4.4 Miscellaneous Services (Cont'd.)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(M) <u>Originating Line Screening Service</u>			
- Per exchange service line		\$ 7.95	(N)
(N) <u>Coin Supervision Additive Service</u>			
- Per exchange service line	\$ 2.21		(N)



ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.4 Other Services (Cont'd.)

17.4.5 Special Federal Government Access Services

(A) Voice Grade Secure Communications

Any intrastate service of this category will use monthly rates, nonrecurring charges and termination charges developed on an individual case basis.

(Reserved for future use.)

(B) Wideband Digital Special Access Service

Any intrastate service of this category will use monthly rates, nonrecurring charges and termination charges developed on an individual case basis.

(Reserved for future use.)

17.4.6 Special Facilities Routing of Access Services

(A) Diversity

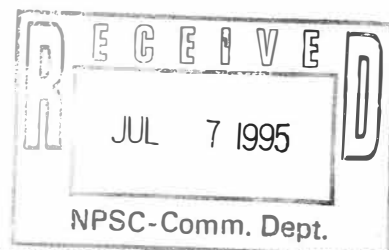
For each service provided in accordance with Section 11.1.1, as described in NECA TARIFF F.C.C. NO. 5, the rates and charges will be developed on an individual case basis.

(Reserved for future use.)

(B) Avoidance

For each service provided in accordance with Section 11.1.2, as described in NECA TARIFF F.C.C. NO. 5, the rates and charges will be developed on an individual case basis.

(Reserved for future use.)



ACCESS SERVICE
RATE LIST

17. Rates and Charges (Cont'd.)

17.4 Other Services (Cont'd.)

17.4.6 Special Facilities Routing of Access Services (Cont'd.)

(C) Diversity and Avoidance Combined

For each service provided in accordance with Sections 11.1.1 and 11.1.2, as described in NECA TARIFF F.C.C. NO. 5, the rates and charges will be developed on an individual case basis.

(Reserved for future use.)

(D) Cable-Only Facilities

For each service provided in accordance with Section 11.1.4, as described in NECA TARIFF F.C.C. NO. 5, the rates and charges will be developed on an individual case basis.

(Reserved for future use.)

17.4.7 Specialized Service or Arrangements

Specialized Service or Arrangements are provided on an individual case basis as set forth following:

(A) Ethernet Transport Service

(N)

Monthly service fee: \$30.00 per route mile

Installation Charge: ICB

Service term: month to month

Minimum monthly Company billing to ethernet transport service customer: \$5,000.00

(B) Video Transport Service

Monthly service fee: \$35.00 per route mile

Installation Charge: ICB

Service term: month to month

Minimum monthly Company billing to video transport service customer: \$2,500.00

(N)

