
A29. DATA TRANSPORT SERVICE

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A29. DATA TRANSPORT SERVICE

A29.1 Derived Data Channel Service

A29.1.1 General

- A. Derived Data Channel Service (DDCS) provides full-duplex asynchronous or synchronous data transmission utilizing data over voice and sub-rate multiplexing technology. A derived data channel is provided between a customer's premises and that customer's serving central office. A sub-rate multiplexed interface is provided in the serving central office for multiplexing multiple derived data channels into a single interface. A transport facility is provided for interconnection of the sub-rate multiplexed interface to a Company provided data service or to data services provided by others.
- B. The *Terms, Conditions* and rates specified herein are in addition to the applicable *Terms, Conditions* and rates specified in other sections of this Guidebook. (T)
- C. DDCS is offered for intraLATA use only.

A29.1.2 Terms and Conditions

- A. Explanation of Terms
 - 1. Asynchronous Transmission - Transmission in which time intervals between transmitted characters may be of unequal length but time intervals between bits within a character are fixed. Transmission is controlled by start and stop elements (bits) at the beginning and end of each character.
 - 2. Derived Data Channel - A data channel derived from a local exchange facility utilizing data/voice multiplexing (DVM) equipment. A derived data channel is provided between a customer's premises and that customer's serving central office.
 - 3. DS0-B Interface - A central office sub-rate multiplexed interface that provides a 4-wire DS0 output signal conforming to the standard DDS (Digital Data System) signal formats (i.e., 2.4 Kbps, 4.8 Kbps, or 9.6 Kbps).
 - 4. DS0-B Transport Facility - Local access and interoffice facilities utilized to interconnect the DS0-B interface to a Company provided data service or to data services provided by others.
 - 5. Sub-rate Multiplexing - The process for separating a 64 Kbps DS0 signal into individual channel groups of lower transmission speeds (i.e., twenty channels at 2.4 Kbps, ten channels at 4.8 Kbps, five channels at 9.6 Kbps, or one channel at 56 Kbps).
 - 6. Synchronous Transmission - Transmission of data based upon a timing mechanism in which data is transmitted at fixed intervals.
- B. Basis of Offering
 - 1. A derived data channel provides full-duplex asynchronous or synchronous data transmission at the speed of 2.4 Kbps over a compatible two-wire facility.
 - 2. The central office DVM termination provides sub-rate multiplexing into a standard DS0-B interface for a group composed of a maximum of twenty derived data channels.
 - 3. The customer's derived data channel must be associated with a DS0-B interface. This association requires coordination between the subscriber of the derived data channel and the subscriber of the DS0-B interface.
 - 4. DDCS can be interconnected to compatible Company provided data services or to data services provided by others.

A29. DATA TRANSPORT SERVICE

A29.1 Derived Data Channel Service (Cont'd)

A29.1.2 *Terms and Conditions* (Cont'd)

B. Basis of Offering (Cont'd)

5. DDCS is provided under the following terms and conditions.
 - a. The customer will be responsible for selecting his own Customer Premises Equipment (CPE). Customer provided terminal equipment must be compatible with the Company provided terminating equipment at the central office. Network interface specifications are contained in BellSouth Technical Reference Publication 73548 for DVM equipment and BellSouth Technical Reference Publication 73548, Addendum 1, for access to a DS0-B interface. These publications are available from the Information Exchange Manager, BellSouth Telecommunications, Inc., Documentations Operations, North W5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243.
 - b. The customer will be responsible for installation, maintenance and testing of CPE.
 - c. The customer must be prepared to activate his portion of service in a timely manner as mutually agreed with the Company. If joint testing is required, each party must be prepared to test on the negotiated date.
 - d. The Company reserves the right to change its equipment vendors should equipment availability, price or technological advantages make such a change attractive or necessary.
 - e. The Company will notify the customer, generally a minimum of six months in advance, of any need to change its central office equipment to allow the customer sufficient time to respond, make any necessary changes in his equipment, and schedule cooperative testing for cutover if required.
 - f. Company dispatches to customer premises caused by CPE trouble will be handled in accordance with standard Company procedures. The Company does not assume responsibility for the compatibility or suitability of CPE.
6. DDCS is provided subject to the availability of appropriate network facilities and equipment.
7. The minimum service period for a derived data channel is twelve months. In the event service is discontinued at the customer's request within the minimum service period, a termination charge is applicable as of the date service is terminated. This charge is equal to fifty percent (50%) of the following: the number of months remaining in the service period times the monthly rate for a derived data channel. The minimum service period for the other DDCS elements is one month.
8. Suspension of service is not allowed.

C. Application of Rates

1. The derived data channel charges provide the central office DVM terminating equipment. The customer must also subscribe to a compatible two-wire exchange line (e.g., business exchange line, Centrex Type Services main station line). This two-wire exchange line charge and its associated rates and charges are in addition to the derived data channel rates and charges.
2. The DS0-B interface charge is applicable for each group of a maximum of twenty multiplexed derived data channels. Each of the twenty channels in a DS0-B interface channel group operates at a bit rate of 2.4 Kbps.

(T)

(T)

A29. DATA TRANSPORT SERVICE

A29.1 Derived Data Channel Service (Cont'd)

A29.1.2 Terms and Conditions (Cont'd)

C. Application of Rates (Cont'd)

- 3. The DS0-B transport facility is required with each subscription to a DS0-B interface. This facility is available for use with DDCS only.
- 4. Nonrecurring charges specified herein include the service ordering and installation charges.
- 5. Derived Data Channel Service is available on a month-to-month basis or under contract plan periods of twenty-four to forty-two months and forty-three to sixty months. The following conditions apply for the contract plans:
 - a. Rates under contract plans will not be increased by Company initiative until the contract period expires. Rates in effect at the time the service is installed and/or as of the service order application date will be applicable until the contract expires. At the expiration date of the customer's contract plan option, the customer may select a new contract option at the current rates. If the customer does not select a new contract option or does not request discontinuance of service, service will be continued under the terms specified in A2.4.
 - b. A termination charge is applicable at the date of termination if the customer disconnects the service prior to fulfilling the period of the contract plan. The applicable charge is dependent on the contract period subscribed to and will be equal to fifty percent (50%) of the following: the number of months remaining in the contract period times the monthly rate provided under contract.

A29.1.3 Rates and Charges

A. Derived Data Channel Service

| | Nonrecurring Charge | Month to Month | 24 to 42 Months | 43 to 60 Months | USOC |
|---|---------------------|----------------|-----------------|-----------------|-------|
| 1. Derived Data Channel | | | | | |
| (a) Per channel at 2.4 Kbps | \$248.00 | \$17.00 | \$13.50 | \$11.00 | DAXPC |
| 2. DS0-B Interface | | | | | |
| (a) Per group of twenty channels at 2.4 Kbps each | 120.00 | 80.00 | 75.00 | 72.00 | DAXP1 |
| 3. DS0-B Transport Facility | | | | | |
| (a) Per group of twenty channels at 2.4 Kbps each | 224.00 | 70.00 | 55.00 | 45.00 | DAXP2 |

A29. DATA TRANSPORT SERVICE

A29.1 Derived Data Channel Service (Cont'd)

A29.1.3 Rates and Charges (Cont'd)

B. Move Charges

1. Moves

a. A move involves a change in the physical location of one of the following:

- (1) The point of interface at the customer premises.
- (2) The customer's premises.

b. The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(1) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring charge for the affected service termination at the customer's premises.

(2) To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. However, DDCS will be provided at the new location subject to the availability of appropriate network facilities/equipment and subject to meeting DDCS technical specifications.

A29.2 Data Transport Access Channel Service

A29.2.1 General

A. Data Transport Access Channel Service provides the data channel facilities between a customer's premises and a central office or between two central offices for access to Company provided central office data switched services or to other Enhanced Services, or for connection to other Company provided channel services. These services may also be utilized between two Enhanced Service Providers.

B. The **Terms, Conditions** and Rates specified herein are in addition to the applicable **Terms, Conditions** and rates specified in other sections of this and other **service publications** of the Company. (T)

C. Channel services provided under the provisions of this Section are offered for intraLATA use only and may not be used in connection with Switched Access Service offered under the Access Services Tariff. (T)

A29.2.2 Terms and Conditions

A. Explanation of Terms

1. Analog - Transmission employing variable and continuous waveforms to represent information values, where interpretation by the receiver is an estimated approximation (quantization) of the encoded value.
2. Enhanced Service - The term "enhanced service" shall refer to services, offered by using common carrier transmission facilities, which employ computer processing applications that act on the format, content, code, protocol or similar aspects of the subscriber's transmitted information; provide the subscriber additional, different or restructured information; or involve subscriber interaction with stored information.

A29. DATA TRANSPORT SERVICE

A29.2 Data Transport Access Channel Service (Cont'd)

A29.2.2 *Terms and Conditions* (Cont'd)

A. Explanation of Terms (Cont'd)

3. Enhanced Service Provider (ESP) - The term "Enhanced Service Provider" (ESP) denotes a customer that provides enhanced services that may use the Company's transmission facilities. A customer shall be classified as an enhanced service provider only with respect to those basic services which are utilized for provision of enhanced service.
4. Digital - Referring to communications procedures, techniques and equipment where information is encoded as either a binary "1" or "0"; the representation of information in discrete binary form, discontinuous in time, as opposed to the analog representation of information in variable, but continuous, waveforms.
5. Terminating Central Office - The central office or wire center where a Data Transport Access Channel terminates in order to access an interface to a Company provided central office switched data service or data transport service, or to access another compatible Data Transport Access Channel or other compatible channel services offered in this and other *service publications* of the Company.

(T)

B. Basis of Offering

1. Data Transport Access Channels are provided for analog voice-grade or digital data transmission and are intended to be utilized with Company central office data switched services, other Company provided channel services or with Enhanced Services provided by others.
2. These services are provisioned on a link basis from A29.2.3 of this *Guidebook* and Sections B3 and B7.2 of the Private Line *Guidebook*.
3. The basic access channel charge includes the access facility only. Data Terminating Equipment (DTE) may be required at the customer's premises and/or terminating central office depending on the type of service associated with the channel.

(T)

(T)

A29. DATA TRANSPORT SERVICE

A29.2 Data Transport Access Channel Service (Cont'd)

A29.2.2 *Terms and Conditions* (Cont'd)

(T)

B. Basis Of Offering (Cont'd)

4. (DELETED)
5. An optional data set termination is provided at the central office. Central office data sets will be provided under the following terms and conditions:
 - a. The Company will provide the customer with details of the type and manufacturer of central office data set equipment to be used in each application.
 - b. The customer will be responsible for selecting his own Customer Premises Equipment (CPE). Customer provided terminal equipment must be compatible with the Company provided data set at the central office.
 - c. The Company will limit its selection of central office equipment to avoid operational and administrative difficulties associated with a multi-vendor central office environment.
 - d. The Company reserves the right to change its equipment vendors should equipment availability, price or technological advantages make such a change attractive or necessary.
 - e. The Company will notify the customer, generally a minimum of six months in advance, of any need to change its central office equipment to allow the customer sufficient time to respond, make any necessary changes in his equipment and schedule cooperative testing for cutover if required.
 - f. The customer will be responsible for installation, maintenance and testing of customer provided terminal equipment.
 - g. The customer must be prepared to activate his portion of joint service in a timely manner as mutually agreed with the Company. If joint testing is required, each party must be prepared to test on the negotiated date.
 - h. Company dispatches to customer premises caused by CPE troubles will be handled in accordance with standard Company procedures. Charges equal to the Trouble Determination Charge will apply as appropriate. The Company does not assume responsibility for the compatibility or suitability of the customer's equipment.
6. The Service Connection Charges specified herein are in lieu of the Service Charges specified in Section A4., except as noted.
7. Data Transport Access Channels are furnished for service 7 days per week, 24 hours per day, for a minimum period of one month.

C. Types And Descriptions

1. Dial Access Channel Service
 - a. Provides central office line equipment and facilities in a terminating central office for calls between the local exchange network and a Company provided data switched service or for connection to a direct access analog channel service.
 - b. Grouping service may be selected with Dial Access Channel Service.

A29. DATA TRANSPORT SERVICE

A29.2 Data Transport Access Channel Service (Cont'd)

A29.2.2 *Terms and Conditions* (Cont'd)

C. Types And Descriptions (Cont'd)

2. Direct Access Channel Service

a. Analog Channel Service

(1) Provides half duplex or full duplex data transmission at speeds up to 9.6 Kbps, on a link basis from Section B3 of the Private Line *Guidebook*. (T)

(2) All *Terms, Conditions*, charges and specifications apply as stated in Section B3 of the Private Line *Guidebook*. (T)

b. Digital Channel Service

(1) Provides simultaneous two-way digital data transmission at synchronous speeds of 2.4, 4.8, 9.6 or 56 kbps, on a link basis from B7.2 of the Private Line *Guidebook*. (T)

(2) All *Terms, Conditions*, charges and specifications apply as stated in B7.2 of the Private Line *Guidebook*. (T)

D. Application Of Rates

1. Dial Access Channels

a. Dial Access Channel Service always requires a Dial Access Line. One Dial Access Line is required for each line arranged in a multiline group.

b. Dial Access Lines arranged in multiline groups which would allow an incoming call to a line that is called to be completed over another line by means of central office equipment will require the appropriate Grouping Service charges. These Grouping Service charges apply as specified in A3.19 for a flat rate individual business line. (M)

A29. DATA TRANSPORT SERVICE

A29.2 Data Transport Access Channel Service (Cont'd)

A29.2.2 Terms and Conditions (Cont'd)

D. Application of Rates (Cont'd)

2. Central Office Data Set

- a. This option connects an Access Channel to a data set at a terminating central office. Several types of data set connections are provided according to the type of associated Access Channel and transmission speed desired by the customer.
- b. The 2.4 Kbps Dial Central Office Data Set shown in A29.2.3 is capable of transmitting/receiving a data signal at the speed of 2.4 Kbps. It also has an autobaud detection feature which allows it to adapt its speed to the speed of the call originating customer premises data set. In this autobaud mode this data set functions at 2400/1200/300 bps.
- c. The 9.6 Kbps Dial Central Office Data Set Shown in A29.2.3 is capable of transmitting/receiving a data signal at the speed of 9.6 Kbps. It also has an autobaud detection feature which allows it to adapt its speed to the speed of the call originating customer premises data set. In this autobaud mode this data set functions at 9600/2400/1200/300 bps.

A29.2.3 Rates and Charges

| | | Nonrecurring Charge | Monthly Rate | USOC | |
|----|---|------------------------|-----------------|--------------|-----|
| A. | Dial Access Channel Service | | | | |
| 1. | Dial Access Line | | | | |
| | (a) Per line | \$65.00 | \$419.00 | 1DCVX | (I) |
| B. | Central Office Data Set | | | | |
| 1. | For Dial Access Channel Service | | | | |
| | (a) Transmission Speeds 300/1200 bps | - | 26.00 | PWD31 | |
| | (b) Transmission Speed 2.4 Kps | - | 28.00 | PWD24 | |
| | (c) Transmission Speed 9.6 Kbps | - | 39.00 | PWD96 | |
| 2. | For Direct Access Channel Service - Analog | | | | |
| | (a) Transmission Speed 1.2 kbps | - | 24.00 | PWJ12 | |
| | (b) Transmission Speed 2.4 kbps | - | 28.00 | PWJ24 | |
| | (c) Transmission Speed 4.8 kbps | - | 58.00 | PWJ48 | |
| | (d) Transmission Speed 9.6 kbps | - | 54.25 | PWJ9+ | |
| 3. | For Direct Access Channel Service - Digital | | | | |
| | (a) Transmission Speed 2.4 kbps | - | 28.00 | PWP24 | |
| | (b) Transmission Speed 4.8 kbps | - | 28.00 | PWP48 | |
| | (c) Transmission Speed 9.6 kbps | - | 28.00 | PWP96 | |
| | (d) Transmission Speed 56.0 kbps | - | 30.00 | PWP56 | |

A29. DATA TRANSPORT SERVICE

A29.2 Data Transport Access Channel Service (Cont'd)

A29.2.3 Rates And Charges (Cont'd)

C. Moves and Changes

1. Any change to an existing service at the customer's request will be treated as a new request and all applicable nonrecurring charges will apply.

A29.3 Reserved For Future Use

A29.4 Reserved For Future Use

A29.5 (DELETED)

(M)

A29.6 (DELETED)

(M)

Pages 1.5 through 9 are hereby deleted in their entirety and removed from this Guidebook.

(N)

A29. DATA TRANSPORT SERVICE

A29.6 (DELETED) (Cont'd)

(D)

A29.7 Administrative Management Service (AMS)

A29.7.1 Description of Service

A. General

Administrative Management Service provides customers a single point of access to other Company network management products, and provides the customers greater control of and additional information about the network services they purchase from the Company. Although most Operation Support Systems (OSS) are optional on a nominal business day, AMS will be provided on a 24 hour basis for continuous usage of those systems that are accessible 24 hours.

B. Customer Access

Customers will have access to Administrative Management Service through a customer provided VT100 terminal with a choice of up to 2400 bits per second (bps) dial access or dedicated 9600 bps private line.

C. Maintenance and Operation

Due to the nature of Administrative Management Service, it may be necessary to perform preventive and routine maintenance on the system. At such times, the customer will be notified in advance as to the time and duration of these outages.

A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.2 Explanation of Terms

PRODUCT AND SERVICE INFORMATION

This function provides the following Central Office information: CLLI codes, switch type, V&H coordinates, network access lines, host information (if applicable), switch location, and equal access information.

TROUBLE ENTRY/STATUS

This function offers mechanized access for the customer to electronically report and receive information about trouble reports and to record and track trouble reports.

SERVICE ORDER ENTRY

The customer will have access to a mechanized interface for use when ordering service.

MISCELLANEOUS MESSAGING

This service provides the customer with a communication path to designated Company locations.

BILLING INFORMATION

The customer will have access to his records, whereby he may gain information about his last and current bill amount and any payments or adjustments posted to date. He will also have access to his Customer Service record which provides detailed information about his services provided by the Company.

(M)

A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

(T)

A29.7.3 Terms and Conditions

A. Basis of Offering

Administrative Management Service will be available where appropriate facilities are available.

Administrative Management Service will provide the customer the following capabilities:

- Product and Service Information
- Trouble Entry/Status
- Service Order Entry
- Miscellaneous Messaging
- Billing Information

The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Administrative Management Service render any facilities provided by a customer obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance.

The Company will assist the customer in resolving any installation or day to day channel service problems. However, the Company does not assume responsibility for the compatibility or suitability of the customer's equipment.

Dispatches to customer premises caused by customer equipment troubles may result in a Trouble Location charge to the customer, as provided in Section A4.

B. Provision of Service

Customer access to Administrative Management Service may be either dial/shared or dedicated.

For dial/shared access, the customer will be required to provide a terminal, a modem, and dial tone at his premises. Provided the customer's premises resides in the Company LATA, the customer will dial a non-toll access number which furnishes access to AMS. If the customer's premises does not reside in the Company LATA, the customer must obtain an access line to a Company location from which the Company offers access to AMS. The AMS port will be assigned a seven-digit number to enable the customer to access this port. If a customer desires multiple numbers to access AMS, an additional port charge will be required for each additional number requested. Individual customer data will be kept secure via the AMS password security system.

Dedicated access will be provided at 9600 bps for a customer wanting continuous access to Administrative Management Service. The customer will be required to provide at his premises a terminal and a modem and to obtain a dedicated data circuit to a location designated by the Company at which the Company provides access to Administrative Management Service.

The customer will be responsible for installation, maintenance and testing of customer-provided terminal equipment.

C. Special Service Arrangement

Unique customer applications will be provided as specified in A5.4.1.

A29.7.4 Application of Rates

A. Service Establishment

For the initial establishment of each Administrative Management Service customer, a nonrecurring Service Establishment charge will apply. These charges do not apply for any subsequent Port Access additions.

B. Usage Charge

A recurring Usage charge is required based on the customer's estimate of the maximum number of transactions that will be performed per month. If this predetermined number of transactions is exceeded for any given month, then for that month an additional per transaction charge will apply to each transaction in excess of the estimated maximum.

C. User ID Charge

The User ID charge is a nonrecurring charge per customer.

A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.4 Application of Rates (Cont'd)

D. Port Access

Port Access, which is required for each access capability desired by the customer, includes a nonrecurring charge and a recurring rate.

A customer desiring shared ports may request dial access to AMS. For dial access the Company will provide a local (non-toll) access number. This will allow the individual customer data to be kept secure via the Administrative Management Service password security system.

A customer desiring a dedicated access port to Administrative Management Service will be required to provide at his premises a terminal and a modem and to obtain a 9600 bps private line to the location at which the Company provides access to Administrative Management Service. The charge for the private line is in addition to the charges for the dedicated access port.

E. Functions

Access to the required background OSS will be provided via the normal control network at each System.

- For each function described in A29.7.6.E.1.(a) - (e) a recurring rate applies.

F. Payment Schedules

1. Administrative Management Service is offered with the following payment periods:

Month to Month Payment Plan (One month option)

24 to 48 Month Term Payment Plan

49 to 72 Month Term Payment Plan¹

(C)

2. Administrative Management Service customers may select variable payment periods under the Term Payment Plan.

3. The monthly rate for Administrative Management Service is dependent upon the payment period selected by the customer.

4. The monthly rate for Administrative Management Service under the Term Payment Plan for the periods of 24 to 48 or 49 to 72 months is not subject to Company initiated rate changes.

Note 1: Effective October 1, 2015, customers may not establish new term plans greater than 60 months, and existing term plans greater than 60 months may not be renewed or extended for a term greater than 60 months.

(N)

A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.4 Application of Rates (Cont'd)

G. Expiration of Payment Period

1. Administrative Management Service customers must upon the expiration of their payment period:
 - a. Select a new payment period as offered in the current *guidebook*, or (T)
 - b. Revert to the current rates for the one month payment option if the customer does not select a new payment period. (T)
 - c. A Service Charge as specified in Section A4 will apply.
2. Administrative Management Service customer may at any time during his selected payment period subscribe for an equal or longer payment period at the current rates, subject to the following conditions:
 - a. No credit will be given for payments made during the formerly selected period. Nonrecurring charges and installation charges will not be reapplied.
 - b. The new payment period begins with the billing date following the date the new payment period is requested.
 - c. No termination charge applies for the former payment period.
 - d. A Secondary Service Charge as specified in Section A4 will apply.
 - e. Selection of the new payment period must be from those currently available at the time of re-subscription.
3. Administrative Management Service customer may at any time during his selected payment period subscribe for a payment period, shorter in length than the time remaining in the existing service agreement, subject to the following conditions:
 - a. No credit will be given for payments made during the formerly selected period. Nonrecurring charges and installation charges will not be reapplied.
 - b. The new payment period begins with the date requested.
 - c. A termination charge will be applied which represents 50 percent (**50%**) of the difference between the remaining amount of the longer contract and the total amount of the shorter contract. (T)
 - d. A Service Charge as specified in Section A4 will apply.
 - e. Selection of the new payment period must be from those currently available at the time of re-subscription.

H. Termination Liability

1. One Month Payment Plan - there is no termination liability for this option other than the initial service period as specified in F. (T)
2. Term Payment Plan Option - 50 percent (**50%**) of the remaining amount due. (T)

I. Allowance for Interruptions

1. When service is interrupted due to a failure or malfunction of the Administrative Management Service, a pro rata adjustment of the appropriate Administrative Management Service monthly charges will be allowed at the request of the subscriber if the total system is unavailable for more than a twenty four hour period and in accordance with the **Terms and Conditions** specified in Section A2. (T)
2. No allowances will be granted for interruptions required to perform preventive or routine maintenance, or to perform software updates when the customer is notified at least 24 hours prior to such occurrences.

A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.5 Connections

- A. Security
 - 1. Extra security layers are provided which allow individual clients to customize access capabilities for each of their users. Both client information files and the Company computer systems are kept secure from intrusion.
 - 2. Administrative Management Service security uses the concept of a "user type", which is simply a variable referring to a subset of the service that can be accessed by a given customer. Every user of the system must be assigned a user type by the "admin" user during the process of adding the user to the system.

- B. System Recovery

Uninterrupted power supplies are provided to prevent unexpected system shutdowns due to commercial power failure. All processes will be smoothly terminated and all buffers written to disk before a shutdown is performed. Message queues which have been built will be saved to disk files so that any established host session can be reestablished as soon as the system is brought back up following power outages.

A29.7.6 Rates and Charges

- A. A Secondary Service Charge found in Section A4. will apply. (T)
- B. Basic Service includes the initialization of the customer's database and menu setup, multilevel security, and network administration aids.
- C. Administrative Management Service - Basic Service

| | Installation Charge | Month To Month | 24 to 48 Months | 49 to 72 ¹ Months | USOC | (C) |
|--|------------------------|----------------------|-----------------------|------------------------------------|-------|-------|
| 1. Service Establishment | | | | | | |
| (a) Initial Setup | \$705.00 | - | - | - | - | SESBC |
| 2. Usage, per Month | | | | | | |
| (a) Up to 50 transactions | - | \$ 4.55 | \$ 4.05 | \$ 3.50 | USD1X | |
| (b) Up to 250 transactions | - | 19.50 | 17.25 | 15.00 | USD2X | |
| (c) Up to 500 transactions | - | 36.40 | 32.20 | 28.00 | USD3X | |
| | | | | Charge \$.10 | | |
| (d) Excess over allocated monthly usage, per transaction | | | | | | |
| 3. User ID's, per Customer | | | | | | |
| (a) First 15 | | | | 19.00 | U1G1X | |
| (b) Each Additional set of 5 | | | | 19.00 | U1GAX | |

Note 1: Effective October 1, 2015, customers may not establish new term plans greater than 60 months, and existing term plans greater than 60 months may not be renewed or extended for a term greater than 60 months. (N)

A29. DATA TRANSPORT SERVICE

A29.7 Administrative Management Service (AMS) (Cont'd)

A29.7.6 Rates and Charges (Cont'd)

| | | Installation Charge | Month To Month | 24 to 48 Months | 49 to 72 ² Months | USOC | (C) |
|-----------|----------------------------------|---------------------|----------------|-----------------|------------------------------|-------|-----|
| D. | Port Access | | | | | | |
| 1. | Per Access Capability | | | | | | |
| (a) | Dial/Shared Access | \$230.00 | \$100.00 | \$88.00 | \$76.00 | MDQ | |
| (b) | Dedicated Access | 260.00 | 161.00 | 143.00 | 124.00 | MD6 | |
| E. | Functions | | | | | | |
| 1. | Per Subscribed System | | | | | | |
| (a) | Product and Service Information | - | 84.50 | 74.75 | 65.00 | MB5PM | |
| (b) | Trouble Entry/Status | - | 65.00 | 57.50 | 50.00 | MB5TX | |
| (c) | Service Order Entry ¹ | - | 37.70 | 33.35 | 29.00 | MB5SX | |
| (d) | Miscellaneous Messaging | - | 15.60 | 13.80 | 12.00 | MB5MX | |
| (e) | Billing Information | - | 52.00 | 46.00 | 40.00 | MB5BX | |

Note 1: A Service Charge as specified in Section A4. will apply.

Note 2: Effective October 1, 2015, customers may not establish new term plans greater than 60 months, and existing term plans greater than 60 months may not be renewed or extended for a term greater than 60 months.

(T)

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