

TARIFF DISTRIBUTION

FILE PACKAGE NO.: TN-15-0021

DATE: January 7, 2015

STATE: TENNESSEE

EFFECTIVE DATE: 01/07/2015

TYPE OF DISTRIBUTION: Approved

PURPOSE: Dataphone Select-A-Station Service cleanup

<u>TARIFF SECTION</u>	<u>PAGE NUMBER</u>	<u>PAGE REVISION</u>
G001	6	0001
G015	18	0001
H002	13.1	0001
H002	34	0001
H002	44	0001
H003	5	0001
H003	5.1	0001
H003	6	0001
H003	7	0001
H003	15	0009
H004	7	0001
H004	8	0001
H004	9	0001
H006	1	0001
H007	14	0001
H106	1	0001
H106 Cont. (pg)	1	0001
H6 Cont. (pg)	1	0001
H Book Cont (pg)	1	0003
H Subj. Indx (pg)	4	0002

A1. DEFINITION OF TERMS

CONNECTING COMPANY

A Corporation, association, firm or individual, licensed and operating as a communications common carrier, owning and operating a toll line and/or one or more central offices providing local exchange telephone service to the public and with whom the Company interchanges traffic.

CONSTRUCTION CHARGE

A separate charge authorized in the *guidebook* for construction of pole lines, circuits, facilities, etc.

(T)

CONSULTATION HOLD

An ESSX-1 or Centrex feature which permits a station user to hold an existing call while originating a new call for the purpose of consultation. After consultations, the initial call can be restored. This feature is available on incoming calls only, unless specified as Consultation Hold-All Calls.

CREDIT CARD

Denotes a billing arrangement by which a Long Distance call may be charged to an authorized Company credit card number.

CUSTOMER NETWORK MANAGEMENT (CNM) - ADMINISTRATIVE MANAGEMENT SERVICE

Customer Network Management (CNM) - Administrative Management Service provides customers a single point of access to other Company Network Management products, and provides the customer greater control and additional information about the network services they purchase from the Company.

CUSTOMER PROVIDED PUBLIC INMATE CALLING SERVICE (CPPICS)

Coin telephone access line service provided by the Company to non-Company public telephone providers for the exclusive use of inmates served within the confines of a penal, correctional or mental institution.

CUSTOMER-PROVIDED TERMINAL EQUIPMENT

Devices, apparatus and their associated wiring, provided by a customer, which are used with the network control signaling unit or other station equipment furnished by the Company and does not include customer-provided communications systems.

(T)

DATA ACCESS ARRANGEMENT

A protective connection arrangement for use with the network control signaling unit, or in lieu of the connecting arrangement, an arrangement to identify a central office line and protective facilities and procedures to determine compliance with criteria set forth in A15.2.1.

DATA TRANSPORT SERVICE

See "FlexServ Service".

A15. CONNECTIONS WITH CERTAIN FACILITIES AND/OR EQUIPMENT OF OTHERS

A15.1 Regulations (Cont'd)

A15.1.17 Airline Companies And Federal Aviation Agency

- A.** Except as otherwise provided in A15.1.17.B. following, facilities provided by an Air Common Carrier, its authorized communications agency or the Federal Aviation Agency to communicate with aircraft in flight may be connected to Company facilities located on the premises of the customer for Telecommunications Service in cases of emergency involving the safety of life or property.
- B.** Customer-provided terminal equipment and communications systems connected to the telecommunications network in accordance with A15.1.17.A. preceding prior to January 1, 1980 may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of customer-provided terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations must be connected to the telecommunications network in accordance with A15.1.2. preceding.

A15.2 Terminal Equipment

A15.2.1 (DELETED)

(D)

A15.2.2 Reserved For Future Use

A15.2.3 Reserved For Future Use

A15.2.4 Dictation Recording Equipment

Customer-provided dictation recording equipment may be used in connection with dial PBX facilities of the Company in accordance with A15.1.2. or A15.1.3. following. Such dictation recording equipment may be used only with dial extensions of the customer's PBX or dial extensions of associated dial PBX's connected by dial tie lines, and in no case shall equipment be connected to other telephones or to the local and long distance networks.

A15.2.5 Reserved For Future Use

A15.2.6 Reserved For Future Use

B2. REGULATIONS

B2.5 Definitions (Cont'd)

(DELETED)

(D)

DEMARCATON POINT

The point of demarcation and/or interconnection between Company communications facilities and terminal equipment, protective apparatus or wiring at a subscriber's premises. Company-installed facilities at, or constituting, the demarcation point shall consist of wire or a jack conforming to Subpart F of Part 68 of the Federal Communications Commission's rules. "Premises" as used herein generally means a dwelling unit, other building or a legal unit of real property such as a lot on which a dwelling unit is located, as determined by the Company's reasonable and nondiscriminatory standard operating practices.

DIGITAL SINGLE PRIVATE LINE

A dedicated circuit which operates at digital transmission speeds of 64 Kbps or less.

DIRECT ELECTRICAL CONNECTION

The term "Direct Electrical Connection" denotes a physical connection of the electrical conductors in the communications path.

DISTRIBUTION CENTERS

The term "Distribution Center" as used in connection with Program transmission channels furnished for music networks indicates amplifying and bridging equipment located in a serving central office or studio to which various local sections of a network are connected or to which a local network or section thereof, may be connected to an interoffice channel.

DUPLEX SERVICE

The term "Duplex Service" denotes service which provides for simultaneous transmission in both directions.

EQUALIZATION

"Equalization" is the procedure applied to a Program channel so that the component frequencies of the Program material transmitted have about the same relationship at the two ends of the channel.

B2. REGULATIONS

B2.6 Connections (Cont'd)

B2.6.4 Connections Of Customer-Provided Terminal Equipment & Communications Systems Not Subject To The Federal Communications Commission's Registration Program

A. General

1. Connecting arrangements are not required and minimum protection criteria are not applicable where customer-provided terminal equipment or communications systems are connected with the following channels when such channels are used for the types of transmission specified herein due to the nature of the service provided and/or the type of channels and equipment used.
 - Series 1000 Channels
 - Series 6000 Channels
 - Series 7000 Channels
2. Except as otherwise provided in B2.6.2. and B2.6.3. preceding, customer-provided terminal equipment and communications systems may be electrically connected to private line services in accordance with this B2.6.4.
 - a. When the customer-provided terminal equipment or communications system is connected with private line service furnished by the Company and such private line service is not arranged for connection to telecommunications services, such connections shall be made to an interface provided by the Company.
 - b. When the customer-provided terminal equipment or communications system is connected with private line service furnished by the Company and such private line service is arranged for connection to telecommunications services:
 - (1) Such connections shall be made through a connecting arrangement under provisions of B2.6.4. and as found in A15.1.3. of the General *Exchange Guidebook*, and (T)
 - (2) The connection shall be such that the functions of network control signaling (except customer-provided tone type address signaling through a Company-provided connecting arrangement) are performed by equipment furnished by the Company. (T)
 - c. Customer-provided terminal equipment or communications systems connected pursuant to B2.6.4.A.2.a. or b. preceding must comply with the minimum protection criteria as specified in B2.6.4.F. following.

B. Data Terminal Equipment

1. Customer-provided data terminal equipment (including telephotograph equipment) may be connected at the customer's premises to private line service through a network control signaling unit and a data access arrangement provided by the Company in accordance with the following when such private line service is arranged as provided in B2.6.4.A.2.b. preceding.
 - a. The customer shall furnish the equipment which performs the functions of:
 - (1) Conditioning the data signals generated by the customer-provided terminal equipment to signals suitable for transmission by means of Company services, and
 - (2) Conditioning signals transmitted by means of Company services to data signals suitable for reception by customer-provided terminal equipment.
 - b. Where a data access arrangement is furnished in connection with customer-provided terminal equipment and such terminal equipment is used for both voice and data communication, the data access arrangement may be used to connect the customer-provided terminal equipment for voice communication.

B2. REGULATIONS

B2.6 Connections (Cont'd)

B2.6.9 Connections Of Services Furnished By The Company To The Same Customer (Cont'd)

D. (Cont'd)

When a two-point private line or a multipoint private line arrangement for service solely between two points utilizing the preceding type channels is used for transmission of data, through connections over the private and exchange lines may also be established as described preceding, subject to the provisions of B2.6.2.A. and B2.6.3. preceding, and the rates and regulations specified in the General *Exchange Guidebook* of this Company. (T)

E. A Series 2000 channel may be connected to a local or toll central office line to form a through connection during test alerts and during periods of local or national emergency.

F. A private line utilizing any of the Series 2000 channels for CPE, or a type 10001 channel may be connected to a local or toll central office line or a WATS access line to form a through connection either

1. on the premises of the customer or authorized user, where such connection shall be made through switching equipment provided by the customer or the Company and shall be such that the function of network control signaling is performed by a network control signaling unit furnished, installed and maintained by the Company, or
2. through Centrex or ESSX-1 Control Switching Equipment which serves the premises of the customer or authorized user and is utilized for the origination and termination of communication.

G. Type 10001 channels may be connected to private line services on the premises of the customer or authorized user where the customer has a regular and continuing requirement for the origination or termination of communications over the customer-provided communications system provided that:

1. The normal mode of operation of the customer-provided communications system shall be to provide communications originating or terminating at the premises on which the connection is made or at the customer's or authorized user's premises served by the Centrex or ESSX-1 Control Switching Equipment.
2. The connection shall be made through switching equipment provided either by the customer, or authorized user or by the Company.
3. The connection shall be to Series 10000 channels furnished by the Company or to channels created therefrom in accordance with the provisions of B2.2.6.B. preceding.

H. Series 1000 channels may be connected at the customer's premises to a local or toll central office or a WATS access line through switching equipment provided by the customer or the Company. The connection shall be through a data access arrangement and shall be such that the function of network control signaling is performed by equipment furnished, installed and maintained by the Company. (T)

B2.6.10 Connection Of Services Furnished By The Company To Different Customers

A. A private line furnished to a customer on a twenty-four hour per day, seven days per week basis may be connected:

1. With a private line furnished to a branch or agency of the United States Government for the purposes specified following, provided such connection is authorized by the branch or agency to whose service the connection is made and connections are made by means of connecting or switching arrangements furnished by the Company, or,
2. With a private line, local or toll central office line or WATS access line furnished to a different customer provided such connection is made at the premises of an authorized user as specified in B2.6.10.G. through H. following, or,

B3. CHANNELS

B3.2 Service Descriptions (Cont'd)

B3.2.2 Voice Grade Service - Series 2000 (Cont'd)

- C. Transmission parameters for voice grade service are described following:
1. Type 2230 - A two-wire interface with effective two-wire facilities engineered for a 1004 Hz net loss of 0 to 10dB. Generally furnished for voice transmission - Private Line Telephone, Mobile Radio Telephone, or Supervisory Control Use. Multipoint service may be provided at charges specified in B3.4.4.A. following.
 2. Type 2231 - A two-wire interface with two or four-wire facilities engineered for a 1004 Hz net loss of 0dB to 4.5dB. This is generally used for PBX (or similar system) off-premises main or extension station services. Signaling is required for this service.
 3. Type 2432 - A two or four-wire interface with effective four-wire facilities engineered for tie line service use between PBX's or customer-provided communications systems. Signaling is required for this service.
 4. Type 2434- A two or four-wire interface for connection to the serving wire center where loop facilities are not required. This channel is suitable for tie line service (with E&M signaling) between Centrex or ESSX-1 Systems and may be connected with Type 2432 local channels.
 5. Type 2435 - A four-wire interface with effective four-wire facilities engineered for a 1004 Hz net loss of 0 to 16db. Generally furnished for voice transmission. Multipoint service may be provided at charges specified in B3.4.4.A. following.
 6. Type 2261 - A two-wire interface with effective two-wire facilities engineered for use in Telemetry/Alarm Bridging Service (TABS). (C)
 7. Type 2462 - A four-wire interface with effective four-wire facilities engineered for use in Telemetry/Alarm Bridging Service (TABS). (C)
 8. Type 2463 - A four-wire interface with four-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of analog data services. Multipoint service may be provided at charges specified in B3.4.4.A. following.
 9. Type 2464 - A two-wire interface with four-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of analog data services. Multipoint service may be provided at charges specified in B3.4.4.A. following.

B3. CHANNELS

B3.2 Service Descriptions (Cont'd)

B3.2.2 Voice Grade Service - Series 2000 (Cont'd)

D. Signaling Arrangements

1. Off Premises Stations

- a. For use with PBX (or similar system) off-premises channels for terminal equipment. Signaling arrangements are furnished for grandfathered and registered PBX (or similar) systems in accordance with Part 68 of the FCC Rules and Regulations or for customer-provided communications systems not subject to Part 68 of the FCC Rules and Regulations.

Type A - Furnished for use with Class A PBX (or similar) system station ports capable of operation over loops with resistance in the range of 0-199 ohms.

Type B - Furnished for use with Class B PBX (or similar) system station ports capable of operations over loops with resistance in the range of 200-899 ohms.

Type C - Furnished for use with Class C PBX (or similar) system station ports capable of operation over loops with resistance in the range of 900 ohms or more.

- b. For connections to registered or grandfathered PBX (or similar) system equipment, the customer must specify the equipment capability for use with Type A, B, or C Signaling Arrangements.

2. Tie Lines

- a. E&M signaling is provided for use with tie line channels with E&M signaling interfaces. Signaling Arrangements are furnished for grandfathered and registered PBX's in accordance with Part 68 of the FCC Rules and Regulations or for customer-provided communications systems not subject to Part 68 of the FCC Rules and Regulations.

- An E&M Signaling Arrangement is required for each tie line termination, operating in a Dial Repeating mode, at a customer's premises with a registered PBX.

- An E&M Signaling Arrangement is required for each tie line termination at a customer's premises with grandfathered PBX's when the tie line is arranged with an E&M signaling interface.

- An E&M Signaling Arrangement is not required with Types 2432 and 2434 channels for additions to or for new installations of grandfathered PBX equipment when not arranged with an E&M signaling interface.

- An E&M Signaling Arrangement is required for each Type 2432 or 2434 channel termination at a customer's premises with a customer-provided communications system not subject to Part 68 of the FCC Rules and Regulations when arranged with an E&M signaling interface.

E. (DELETED)

(D)

B3. CHANNELS

B3.2 Service Descriptions (Cont'd)

B3.2.2 Voice Grade Service - Series 2000 (Cont'd)

E. (DELETED) (Cont'd)

(D)

B3. CHANNELS

B3.2 Service Descriptions (Cont'd)

B3.2.2 Voice Grade Service - Series 2000 (Cont'd)

- E. **(DELETED)** (Cont'd) (D)
- F. Telemetry/Alarm Bridging Service (TABS)
 - 1. Regulations
 - a. This Section contains the regulations applicable for Telemetry/Alarm Bridging Service (TABS) (T)
 - b. Except as otherwise specified following, the regulations contained herein are in addition to the regulations found in other sections of this *Guidebook*. (T)
 - c. TABS requires the use of equipment as specified in B3.2.2.F. and Type 2261 or 2462 voice grade local channels described in B3.2.2.C. (T)
 - d. Terminal equipment provided by the customer for use with TABS must meet specifications for such customer-provided equipment found in other sections of this *Guidebook*. (T)
 - e. No more than 128 remote stations may be connected to a master station over an individual Split Band Active Bridge.
 - f. In Split Band Active Bridging arrangements, secondary bridges must be directly connected to the primary bridge via mid-link channels. Secondary bridges cannot be connected through other secondary bridges to allow additional layers of tandeming.
 - g. Secondary bridges, utilized in Split Band, Active Bridging arrangements, reduce the two-wire remote station capacity of the primary bridge. The initial secondary bridge reduces the primary bridge capacity by twelve two-wire remote station connections. Each subsequent secondary bridge reduces the primary bridge capacity by four additional two-wire remote station connections. At the customer's option external bridging may be provided for connecting secondary bridges at the rate applicable in B3.4.4.A.1.a. without reducing the two-wire capacity of the primary bridge.
 - h. Standard multipoint bridging charges as provided in other sections of this *Guidebook* are not applicable to TABS, except as provided in g. preceding. (T)
 - i. Access over four-wire master station channels for Split Band Active Bridging is provided using a Type 2462 local channel.
 - j. Access over remote station channels is provided through a Type 2261 local channel and through the appropriate channel connection as contained in B3.4.4.A.1.e. following. Interconnection of remote stations located outside the serving wire center where the bridge to which they are to be connected is located will require interoffice channels at charges contained in B3.4.3. (T)
 - k. Access over each four-wire mid-link channel for Split Band Active Bridging is through voice grade interoffice channels at charges contained in B3.4.3. Additionally, mid-link channel connections are required as described in B3.4.4.A.1.e. following. (T)

B3. CHANNELS

B3.4 Rates And Charges (Cont'd)

B3.4.4 Optional Features And Functions (Cont'd)

A. Bridging (Cont'd)

1. Voice Grade Bridges (Series 2000) (Cont'd)

	Monthly Rate	Nonrecurring Charge	USOC	
c. (DELETED)				(D)
d. (DELETED)				(D)
e. Telemetry and Alarm Bridging - Split Band, Active Bridging				
(1) Common Equipment, per central office				
(a) First bridging shelf, capacity of 48 two-wire connections	\$376.00	\$365.00	XW1	
(b) Additional bridging shelf, capacity of 56 two-wire connections installed subsequent to the first bridging shelf	376.00	325.00	XW2	
(c) Additional bridging shelf, capacity of 56 two-wire connections installed at the same time as the first bridging shelf	190.00	205.00	XW8	
(2) Channel connections, per channel connected				
(a) Remote station channel connection	16.00	33.00	XW3	
(b) Mid-link channel connection, first channel	39.00	41.00	XW4	
(c) Mid-link channel connection, subsequent channels	39.00	41.00	XW5	

B4. EQUIPMENT

B4.3 Data Communicating Equipment

B4.3.1 (DELETED)

B4.3.2 (DELETED)

(T)

B4. EQUIPMENT

B4.3 Data Communicating Equipment(Cont'd)

B4.3.2 (DELETED) (Cont'd)

(T)

B4. EQUIPMENT

B4.3 Data Communicating Equipment (Cont'd)

B4.3.2 (DELETED) (Cont'd)

(T)

B4.3.3 (DELETED)¹

(T)

Note 1: Telemetry/Alarm Bridging Service (TABS) is now located in Sections B3. and B104.

(T)

B6. (DELETED)

(D)

CONTENTS

B6. (DELETED)

(D)

Pages 2 through 18 are hereby withdrawn and deleted in their entirety from this Guidebook.

(N)

B7. DIGITAL NETWORK SERVICE

B7.3 MegaLink Channel Service

B7.3.1 General

This service is a Flex-Price service and is regulated under terms and conditions as described in B2.1.15. (T)

- A. MegaLink channel service is an intraLATA digital service which provides channelization capability for the customer in the Company's central office. MegaLink channel service is provided in packages based on multiple voice grade channel equivalents (DS0) where 24 voice grade channels are equal to a DS1. This service provides local channels and/or interoffice channels for network access, foreign exchange, Centrex Type service station lines, WATS lines, off-premises stations, tie lines, analog data channels, Broadband Exchange Lines and digital data service (at 2.4Kbps, 4.8Kbps, 9.6 Kbps, 19.2 Kbps, 56 Kbps, 64 Kbps and 1.544 Mbps data rates).
- B. Channelization is provided by D type channel banks which are offered in various basic system capacities and feature activation types. Individual channel services are made available by selecting the specific feature activation equipment desired in a basic system. The customer may channelize all or part of a MegaLink channel service package to activate voice and data facilities for interconnection with the exchange network, voice grade and data facilities for private line channels, as well as other MegaLink channel services. The customer may also choose not to channelize all or part of a MegaLink channel service package allowing direct connection to other DS1 services as provided in this *Guidebook* or the General *Exchange Guidebook*. (T)
- C. This service is available within a LATA from wire centers where appropriate digital facilities are available as determined by the Company. Also, when exchange services are desired, wire centers must have Local Measured Service available as well as digital facilities. Service inquiries will be necessary to determine availability. Special Construction charges for MegaLink service will apply as specified in B7.1 preceding.
- D. Individual channels within a MegaLink channel service package may be connected with service offered in other sections of the Private Line *Guidebook* and General *Exchange Guidebook* as appropriate. The regulations, rates and charges in this *Guidebook* are applicable for the MegaLink channel service component of the customer's end-to-end service. Single channel service components (non-MegaLink channel service links) are subject to the regulations, rates and charges in their respective *guidebook* sections. (T)
- E. The customer may activate any number or combination of channels within a MegaLink channel service package within the limitations set forth in F. following. Channels may be activated coincident with initial service or at any time subsequent to basic system installation. Once activated, a channel is subject to a minimum service period in accordance with the contract terms. Features (channels) activated under month-to-month rates will have a minimum service period of one month.
- F. The total number of voice grade equivalent channels activated by the customer may not exceed the capacity of the basic system. Additionally, there are some necessary restrictions in total system capacities where certain types of channel services are channelized. For example, some channelizing equipment for SynchroNet service may require two voice equivalent channels per channel provided by the Company. This would reduce a system's stated capacity substantially. The Company will notify the customer when a system's capacity is affected. (T)
- G. Central Office channelization generally provides analog to digital conversion to permit individual exchange services and private line channel services to be transported over digital high capacity facilities. In addition, this equipment permits connection to required testing facilities at designated hub or node locations for some digital offerings, such as SynchroNet service. This channelization is also intended for use at Company locations where different high capacity digital network links terminate in the same central office and must be converted to individual analog or digital channels before individual service links can be cross-connected. System capacities below are provided in groups of 24 voice grade equivalent channels, and are subject to the limits as set forth in F. preceding.

B106. (DELETED)

(D)

CONTENTS

B106. (DELETED)

(D)

Pages 2 through 17 are hereby withdrawn and deleted in their entirety from this Guidebook.

(N)

TABLE OF CONTENTS

B1.	APPLICATION OF TARIFF	
B2.	REGULATIONS	
B3.	CHANNELS	
B4.	EQUIPMENT	
B5.	APPLICATION OF CONSTRUCTION (TERMINATION AND ADDITIONAL CHARGES)	
B6.	(DELETED)	(T)
B7.	DIGITAL NETWORK SERVICE	
B8.	CUSTOM NETWORK SERVICE	
B9.	OPTICAL NETWORK SERVICE	
B100.	OBSOLETE SERVICE OFFERING - GENERAL	
B101.	OBSOLETE SERVICE OFFERING - APPLICATION OF TARIFF	
B102.	OBSOLETE SERVICE OFFERING - REGULATIONS	
B103.	OBSOLETE SERVICE OFFERING - CHANNELS	
B104.	OBSOLETE SERVICE OFFERING - EQUIPMENT	
B105.	OBSOLETE SERVICE OFFERING - APPLICATION OF CONSTRUCTION (TERMINATION AND ADDITIONAL CHARGES)	
B106.	(DELETED)	(T)
B107.	OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE	
B108.	OBSOLETE SERVICE OFFERINGS – RESERVED FOR FUTURE USE	
B109.	OBSOLETE SERVICE OFFERINGS - OPTICAL NETWORK SERVICE	

SUBJECT INDEX

D.

SUBJECT	SECTION
Data Communicating Equipment	B4
(DELETED)	
Data Terminal Equipment, Connection of.....	B2
Deferment of Start of Service or Channels.....	B2
Definitions.....	B2
Demarcation Point.....	B2
Deposits.....	B2

(D)