

Delaware LLC

Channels

A. GENERAL

A channel is defined as a transmission path between two points over which a single category of communications service is provided, usually furnished between different premises of the same customer within the same or different exchange areas.

1. CLASSIFICATION OF CHANNELS

a. NUMBERING PLAN

Channels are classified by series, and further classified within each series by types.

b. CATEGORIES OF CHANNELS

- (1) The Telephone Company reserves the right to revise technical parameters described herein for any reason, but not limited to utilization of new advances in the state of the technical arts, or to reflect changes in the design of equipment or services.
- (2) The customer is responsible for selecting the appropriate category and type of channel in accordance with the types and descriptions provided in this Section of the Guide.
- (3) The Telephone Company has responsibility for the channel facility up to the Rate Demarcation Point.
- (4) The customer is responsible for compliance with general regulations applicable to the connection of customer-provided equipment as specified in Section 31 of this Guide, and with specific regulations applicable to the series and type of service as specified in the Section.

Delaware LLC

Channels

A. GENERAL (Cont'd)

1. CLASSIFICATION OF CHANNELS (Cont'd)

c. CROSS REFERENCE GUIDE

<u>Old Terminology</u>	<u>New Terminology</u>		
	<u>Series</u>	<u>Type</u>	
Channels for:			
Branch Exchange Station	2000	2014	
Data			
Class I*	1000	1005	(C)
Class II*	1000	1006	(C)
Class III	3000	3002	
Extension Station ¹	2000	2011	
Foreign Central Office	2000	2005	
Foreign Exchange	2000	2006	
Limited Distance Data*	9000 9004	9003	(C)
Local Area Data*	9000 9002	9001	(C)
Miscellaneous Purposes			
Class I*	1000	1005	(C)
Class II*	1000	1006	(C)
Class III	3000	3001	
Private Line - Voice			

¹ Withdrawn from residential service effective July 20, 2013; still available for resale until October 19, 2013, on which date the foregoing terms shall be effective for resale.

* As of October 31, 2014, all Series 1000 and Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (N)
(N)

Delaware LLC

Channels

A. GENERAL (Cont'd)

1. CLASSIFICATION OF CHANNELS (Cont'd)

c. CROSS REFERENCE GUIDE (Cont'd)

Old Terminology

New Terminology

Series Type

Private Line - Teletypewriter

Class I*

1000

1005

(C)

Class II*

1000

1006

(C)

2000

2001

Channels for:

Program Transmission for use with
Loudspeaker Equipment, Music
Transmission or for Sound Recording*

6000

6005

(C)

6007

6009

6011

6020

6021

6022

Remote Operation And Control of
Mobile Radio Telephone Systems

2000

2002

Telephone Answering Service

2000

2040

2041

2043

Tie Line

2000

2021

2025

* As of October 31, 2014, all Series 1000 and Series 6000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

(N)
|
(N)

Delaware LLC

Channels

A. GENERAL (Cont'd)

2. APPLICATION OF RATES AND CHARGES

a. LOCAL CHANNEL DENSITY CELL CLASSIFICATION

The local channels offered in this Section of the Guide have been classified for rating purposes as Density Cell 1, 2, or 3. These Density Cells correspond to the Exchange Line Rate Groups as set forth in Tariff P.S.C.-Del.-No. 3A. Each exchange is designated a Density Cell based upon the number of dial tone lines and equivalents per central office district square mile.

b. NONRECURRING SERVICE CHARGE

The nonrecurring service charge for a private line channel covers work associated with each termination of a private line channel. It covers, but is not limited to, connection and testing work in the serving and intermediate central offices (when required), circuit engineering, and plant coordination.

For each two point channel service, the nonrecurring service charge-initial applies per termination of a private line channel.

When more than one two point channel service of the same type is connected at the same time between the same two premises, a nonrecurring service charge-additional per termination applies after the application of the nonrecurring service charge-initial for the first channels service.

Delaware LLC

Channels

A. GENERAL (Cont'd)

3. SERVICE CONFIGURATIONS

a. CHANNELS BETWEEN ADJACENT PREMISES ¹

Effective January 1, 1987, channels furnished between adjacent premises are no longer available for new installations. Such channels furnished to existing customers may be continued for the same customer at the same location.

When a channel is furnished between properties on both sides of a street, alley or public thoroughfare, owned or leased by the same customer, which would be continuous in the absence of the public thoroughfare, an adjacent premises channel is required to connect the two premises. Channel connections between the premises must be direct, i.e., accomplished by the attachment of Telephone Company facilities to the customer's buildings, other customer-provided structures, or by existing utility company poles. Channels furnished through Telephone Company-provided conduit or through the use of supporting structures provided by the Telephone Company specifically for this purpose are excluded from "adjacent premises" rate treatment.

b. INTRAEXCHANGE CHANNELS

When a channel is furnished within the same central office district, one local channel and one transmission function are required to connect the serving central office and each premises at which the channel terminates. When a channel is furnished between customer locations in different central office districts, an interoffice channel is required to connect the central offices. The number of interoffice channels required for a single channel service is one less than the total number of central offices. Within each central office district one local channel and one transmission function are required to connect the serving central office and each premises at which the channel terminates.

¹ Effective May 18, 2013, CHANNELS BETWEEN ADJACENT PREMISES is grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service are not permitted. CHANNELS BETWEEN ADJACENT PREMISES is still available for resale until October 19, 2013, on which date the foregoing terms shall be effective for resale.

NOTE: As of October 31, 2014, all Series 1000, Series 6000 and Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

(N)
|
(N)

Delaware LLC

Channels

A. GENERAL (Cont'd)

3. SERVICE CONFIGURATIONS (Cont'd)

c. INTEREXCHANGE CHANNELS

When a channel is furnished between customer locations in different exchange areas, interexchange channels are required to connect the serving central offices of the exchange areas. The number of interexchange channels required for a single channel service is one less than the total number of central offices. Within each exchange area, one local channel and one transmission function are required to connect the interexchange channel and each premises at which the channel terminates.

d. LOCAL CHANNELS BETWEEN CONTIGUOUS EXCHANGES

When a channel is furnished between customer locations in contiguous exchange areas, one local channel is required to connect the serving central offices of the exchange areas.

e. OTHER CONFIGURATIONS

- (1) Channels which have special configurations are described in the regulations applicable to the specific services described in the following Paragraphs.

Delaware LLC

Channels

A. GENERAL (Cont'd)

4. MILEAGE MEASUREMENTS

a. TWO-POINT SERVICE

(1) Interexchange Channel

Rates for interexchange channels are based on the airline mileage between the serving central offices of the exchange areas where service is terminated determined in accordance with Paragraph J. following.

(2) Local Channel Between Contiguous Exchanges

Rates for local channels between contiguous exchanges are based on the airline distance between the serving central offices of the exchange areas where service is terminated determined.

(3) Interoffice Channel

Rates for interoffice channels are based on the airline mileage between serving central offices. Fractional units of measurements are considered as full units.

(4) Special Routing

(a) Private line services furnished under this Guide are provided over such routes as the Telephone Company may elect.

(b) Rates for special routing are based on costs and apply in addition to all other rates and charges which may be applicable under this Section of the Guide.

5. SPECIAL CONSTRUCTION

Except as provided in this and other Sections of this Guide, the customer requesting channel services requiring special construction of facilities is liable for the costs incurred for that portion of the facilities not deemed to be reusable by another customer in the manner or quantity furnished.

Delaware LLC

Channels

B. SERIES 1000 CHANNELS*

1. GENERAL

- a. Series 1000 Channels as provided under this Guide for use between adjacent premises are not available for new installation as described in A.3.a. preceding.¹

Information pertaining to channels between non adjacent premises in the same or different wire center(s) has been transferred to Section 36B of this Guide.
- b. Series 1000 services include channels for transmission at speeds up to 150 baud. These channels are not suitable for the transmission of alternating current tones.
- c. These channels are furnished for service 24 hours a day, 7 days a week, for a minimum period of one month.
- d. These channels are designed and furnished to meet certain specifications based on Telephone Company standards of measurement for data transmission, teletypewriter, remote metering, supervisory control and miscellaneous signaling purposes as set forth in B.2 following.
- e. The number of stations that may be connected and the distance over which satisfactory transmission is possible may be limited by operating and transmission factors on channels furnished for data transmission.
- f. Channels are furnished for intraexchange or interexchange service on a two-point or multi-point basis to the extent specified following.
- g. It is expressly declared that metallic facilities for these services are in decreasing supply and the Telephone Company is not obligated to continue to make available or construct such metallic facilities.

¹ Withdrawn from residential service effective July 20, 2013; still available for resale until October 19, 2013, on which date the foregoing terms shall be effective for resale.

* Effective February 13, 2026, moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 1000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (N) (N)

Delaware LLC

Channels

B. SERIES 1000 CHANNELS* (Cont'd)

1. GENERAL (Cont'd)

- h. Channels provided via metallic facilities do not include a source of power as an integral part of their design.
- i. For full duplex intraexchange or interexchange service the monthly and nonrecurring rates for two local channels and two transmission functions for each premises served, apply.

2. TYPES AND DESCRIPTIONS

<u>Type</u>	<u>Description</u>
1005	A half-duplex or full-duplex interface operation engineered for a <u>signal speed up to 75 baud</u> ; for two-point service; normally suitable for <u>low-speed data transmission</u> , for <u>remote operation of radio telephone, teletypewriter, teletypesetter, data, supervisory control, miscellaneous signaling purposes and morse (up to 45 baud)</u> .
1006	A half-duplex or full-duplex interface operation engineered for a <u>signal speed up to 150 baud</u> ; for two-point service; normally suitable for <u>low-speed data transmission used for teletypewriter, data, supervisory control, and miscellaneous signaling purposes</u> .

* Effective February 13, 2026, moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 1000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (N)
(N)

Delaware LLC

Channels

B. SERIES 1000 CHANNELS* (Cont'd)

3. REGULATIONS

a. APPLICABLE TO TYPES 1005 AND 1006 CHANNELS

- (1) Type 1005 channels permit unidirectional transmission of contact closure or voltage or current transitions at speeds up to 15 bits per second. The maximum direct current voltage shall not exceed 270 volts conductor-to-conductor or 135 volts from either conductor-to-ground. Alternating current voltages shall be limited to a value of 50V RMS (70.7 volts peak) conductor-to-conductor or either conductor-to-ground, and the shortest signal element shall not be less than 33MS (.033 seconds). The direct and alternating current voltage sources shall limit the maximum current; conductor-to-conductor or either conductor-to-ground to a value not to exceed 150 MA peak-to-peak (.15 ampere).
- (2) In connection with Type 1005 channels, where the Telephone Company provides transmission equipment at the interface, the customer must provide a source of continuous 117 volt, 60Hz AC power by means of a nonswitched outlet.
- (3) The customer must in all cases provide a source of continuous 117 volt, 60Hz AC power by means of a nonswitched outlet for Type 1006 channels.
- (4) The equipment and associated station wiring shall be provided by the customer.
- (5) These channels may be connected with other channels which are furnished by the Telephone Company to the same customer if the forms of electrical communications for which they are being used are compatible.
- (6) Type 1006 channels also require the provision of station arrangement equipment as specified in J.4.a. following.

* Effective February 13, 2026, moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 1000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (N)
(N)

Delaware LLC

Channels

C. SERIES 2000 CHANNELS*

(N)

1. GENERAL

- a. Series 2000 Channels as provided under this Guide for use between adjacent premises are not available for new installations as described in A.3.a. preceding.

Information pertaining to channels provided between non-adjacent premises in the same or different wire center(s) is contained in Section 36B of this Guide (except 2005, 2006, 2011, 2040 and 2041).

- b. Series 2000 services include channels for voice transmission of approximate band-width of 300-3000 Hz.
- c. These channels are furnished for service 24 hours a day, 7 days a week, for a minimum period of one month, except as otherwise noted.
- d. Channels are furnished for intraexchange or interexchange service on a two-point basis as indicated following. The number of stations that may be connected and the distance over which satisfactory transmission is possible may be limited by operating and transmission factors.
- e. With reference to the descriptions in 2. following:
- (1) "Effective two-wire facilities" may be composed of two-wire metallic and/or four-wire metallic and/or carrier segments; "four-wire facilities" are composed entirely of four-wire metallic and/or carrier segments.
 - (2) The 1000 Hz loss objective range specified refers to the total channel offering (end-to-end) and indicates that the engineered objective loss will fall within that range at the discretion of the Telephone Company depending upon available facilities and the applicability of appropriate engineering designs. These specifications do not include gains or losses present in customer-provided equipment.
 - (3) The Telephone Company reserves the right to revise these objectives and other technical parameters as described herein.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (N)

Delaware LLC

Section 11
2nd Revised Sheet 12
Cancels 1st Revised Sheet 12

Channels

C. SERIES 2000 CHANNELS* (Cont'd)

(N)

1. GENERAL (Cont'd)

- f. For full duplex intraexchange or interexchange service the monthly and nonrecurring rates for two local channels and two transmission functions for each premises served, apply.

2. TYPES AND DESCRIPTIONS

<u>Type</u>	<u>Description</u>
2001	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 10 db; or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 0 to 16 db; for two-point or multi-point service, normally suitable for use for <u>private line telephone service</u> .
2002	A two-wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities designed for <u>remote operation of mobile radiotelephone systems</u> ; for two-point or multi-point service.
2005	Furnished for Foreign Central Office Service.
2006	Furnished for Foreign Exchange Service.
2011	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 8 db; normally suitable for <u>off-premises extension</u> use with Exchange Service. ¹
2014	A two-wire interface with effective two-wire facilities furnished for <u>PBX</u> (or similar) <u>off-premises main and extension</u> service used with PBX's.
2021	A two-wire or four-wire interface with four-wire facilities furnished for <u>tie line use between PBXs</u> ; for two-point service.

¹ Withdrawn from residential service effective July 20, 2013; still available for resale until October 19, 2013, on which date the foregoing terms shall be effective for resale.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(N)
(N)

Delaware LLC

Channels

C. SERIES 2000 CHANNELS* (Cont'd) (N)

2. TYPES AND DESCRIPTIONS (Cont'd)

<u>Type</u>	<u>Description</u>
2025	A two-wire or four-wire interface with four-wire facilities furnished for <u>tie line use between a PBX and a C.O. Centrex</u> ; for two-point service.
2040	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 8 db; normally suitable for Telephone Answering Service use for <u>secretarial lines connected directly to Telephone Answering Service Equipment</u> .
2041	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 4 db; normally suitable for Telephone Answering Service use for <u>secretarial lines terminated in concentrator equipment</u> .
2043	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz loss objective of 0 to 4 db; normally suitable for Telephone Answering Service <u>concentrator – identifier</u> use between a concentrator unit located at either the Telephone Company or the Telephone Answering Service premises and an identifier unit located at the Telephone Answering Service premises.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (N)
|
(N)

Delaware LLC

Section 11
1st Revised Sheet 14
Cancels Original Sheet 14

Channels

C. SERIES 2000 CHANNELS* (Cont'd)

(N)

3. REGULATIONS

1. APPLICABLE TO TYPE 2001 CHANNELS (PRIVATE LINE)

- (1) Type 2001 channels are furnished for voice transmission of approximate bandwidth of 300-3000 Hz.
- (2) For private line duplex service to adjacent premises as specified in J.2. following, the monthly rates for two channels apply.

b. APPLICABLE TO TYPE 2002 CHANNELS (MOBILE RADIOTELEPHONE)

- (1) The following channels are furnished between specified locations for remote operation and control of private land radio-telephone stations established for communications with mobile units.

(1) Voice Channels

These channels are similar as to transmission characteristics, to those furnished for Type 2001 channels.

(b) Control Channels

These channels are similar as to transmission characteristics, to those furnished for Type 1005 channels and are provided at the same rates as Type 1005 channels.

© For Combined Voice Transmission and Control Purposes

- (c.1.) Channels furnished for combined voice transmission and control purposes may be used by the customer, in accordance with the normal transmission characteristics of such channels, for voice transmission purposes and to transmit more than one tone or signal in sequence or simultaneously or to create additional channels for remote control and indication purposes only.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(N)
|
(N)

Delaware LLC

Channels

- C. SERIES 2000 CHANNELS* (Cont'd) (N)
3. REGULATIONS (Cont'd)
- b. APPLICABLE TO TYPE 2002 CHANNELS (MOBILE RADIOTELEPHONE) (Cont'd)
- (1) (Cont'd)
- © For Combined Voice Transmission and Control Purposes (Cont'd)
- (c.2.) On two-point services, voice channels may be used alternately for control at no additional charge, where the control function is derived through the use of standard one-way, two-state Direct Current signaling over the voice channel.
- (c.3.) On two-point services, voice channels may be used for the remote operation and control of private land radiotelephone stations, at no additional charge when the control functions are provided via tone signals.
- (d) Additional Equipment and Facilities
- Repeaters, amplifiers, special loading, equalization or special types of plant, required in connection with channels provided under either (a) or (b) preceding, are furnished at charges based upon the costs incurred.
- (2) All station equipment and station wiring, other than that necessary for the suitable termination of the channel facilities on the customer's premises, are provided by the customer.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (N)
|
(N)

Delaware LLC

Channels

C. SERIES 2000 CHANNELS* (Cont'd)

(N)

3. REGULATIONS (Cont'd)

c. APPLICABLE TO TYPE 2005 CHANNELS (FOREIGN CENTRAL OFFICE)

- (1) Foreign central office service, which involves the connection of a customer located in one central office district of a multi-office exchange to a central office of a different district of the same exchange is furnished where facilities permit subject to mileage charges, except in those cases where the services are furnished at the initiative of the Telephone Company.
- (2) Provision of Type 2005 channels does not come within the Telephone Company's general undertaking, nor does the Telephone Company obligate itself to furnish such services generally, but will do so where facilities of such a character are available as will permit satisfactory telephone transmission.
- (3) Type 2005 channels are not provided for use with Pay Telephone Lines (PTL), excluding Customer Owned Coin Operated Telephone (COCOT) Service.
- (4) Type 2005 channels are provided only upon contract for a minimum period of six months. Termination liability reduces 1/6 for each month of service and applies to the established monthly rate for the grade of service furnished plus the applicable monthly channel charges.
- (5) Foreign central office service may be furnished in connection with branch exchange or individual line service.
- (6) When foreign central office service is provided at the initiative of the Telephone Company, Type 2005 channel charges do not apply.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(N)
|
(N)

Delaware LLC

Section 11
1st Revised Sheet 17
Cancels Original Sheet 17

Channels

C. SERIES 2000 CHANNELS* (Cont'd)

(N)

3. REGULATIONS (Cont'd)

c. APPLICABLE TO TYPE 2005 CHANNELS (FOREIGN CENTRAL OFFICE) (Cont'd)

- (7) For Foreign Central Office service, one interoffice channel is required to connect the central offices. In addition, one transmission function is required at each end of the interoffice channel to make the channel operative.
- (8) In addition to charges for the Type 2005 channel, rates and charges for local exchange service as described in this Company's Local Exchange Tariff, P.S.C.-Del.-No. 3A, also apply. No charge applies where different central office designations are intermixed within the same district and it is practicable to give the customer the designation desired.

d. APPLICABLE TO TYPE 2006 CHANNELS (FOREIGN EXCHANGE)

- (1) Provision of Type 2006 channels does not come within the Telephone Company's general undertaking, nor does the Telephone Company obligate itself to furnish such channels generally, but will do so where facilities of such a character are available as will permit satisfactory telephone transmission.
- (2) Type 2006 channels are not provided for use with Pay Telephone Lines (PTL), excluding Customer Owned Coin Operated Telephone (COCOT) Service.
- (3) Type 2006 channels are provided only upon contract for a minimum period of six months. Termination liability reduces 1/6 for each month of service and applies to the established monthly rate for the grade of service furnished plus the applicable monthly channel charges.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(N)
|
(N)

Delaware LLC

Channels

- C. SERIES 2000 CHANNELS* (Cont'd) (N)
3. REGULATIONS (Cont'd)
- d. APPLICABLE TO TYPE 2006 CHANNELS (FOREIGN EXCHANGE) (Cont'd)
- (4) When the exchange area in which the customer is located is in the same state and of the same Company as the foreign exchange area, foreign exchange service may be furnished in connection with branch exchange or individual line service quoted in the foreign exchange area.
 - (5) For foreign exchange service between non-contiguous exchange areas, one interexchange channel is required to connect the serving central offices of the local and foreign exchange areas. In addition, one transmission function is required at each end of the interexchange channel to make the channel operative.
 - (6) For foreign exchange service between contiguous exchanges, one local channel between contiguous exchanges is required to connect the local and foreign exchanges.
 - (7) In addition to charges for the Type 2006 channel, rates and charges for local exchange service as described in this Company's Local Exchange Tariff, P.S.C.-Del.-No. 3A, also apply.
- e. APPLICABLE TO TYPE 2011 CHANNELS (EXTENSION SERVICE) ¹
- (1) For intraexchange service, one local channel and one transmission function are required to connect the serving central office to the premises where the extension is located. If the serving central office for the premises where the extension is located is different from the serving central office where the main station is located, one interoffice channel is required to connect the serving central offices.

¹ Effective May 18, 2013, APPLICABLE TO TYPE 2011 CHANNELS (EXTENSION SERVICE) is grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service are not permitted. APPLICABLE TO TYPE 2011 CHANNELS (EXTENSION SERVICE) is still available for resale until October 19, 2013, on which date the foregoing terms shall be effective for resale.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (N)
(N)

Delaware LLC

Channels

- C. SERIES 2000 CHANNELS* (Cont'd) (N)
3. REGULATIONS (Cont'd)
- e. APPLICABLE TO TYPE 2011 CHANNELS (EXTENSION SERVICE) ¹ (Cont'd)
- (2) For extension service in a different exchange area from the main station, one interexchange channel is required to connect the serving central offices of the exchange areas. Only one local channel and one transmission function are required to connect the interexchange channel to the extension service.
- f. APPLICABLE TO TYPE 2014 CHANNELS (OFF-PREMISES PBX SERVICE) ¹
- (1) The number of stations that may be connected and the distance over which satisfactory transmission is possible may be limited by operating and transmission factors.
- g. APPLICABLE TO TYPES 2021 AND 2025 CHANNELS (TIE LINES)
- (1) Channels arranged for loop signaling are provided for two- point service only and are provided at the same rates as Type 2014 channels.
- h. APPLICABLE TO TYPE 2040 CHANNELS (SECRETARIAL LINES CONNECTED TO TELEPHONE ANSWERING SERVICE EQUIPMENT)
- (1) When the secretarial line is connected directly to Telephone Answering Service Equipment in the same exchange, one local channel measured in one-quarter (1/4) airline mile increments from the patron's serving central office to the location of the telephone answering service equipment is provided.

¹ Effective May 18, 2013, APPLICABLE TO TYPE 2011 CHANNELS (EXTENSION SERVICE) and APPLICABLE TO TYPE 2014 CHANNELS (OFF-PREMISES PBX SERVICE) are grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service are not permitted. APPLICABLE TO TYPE 2011 CHANNELS (EXTENSION SERVICE) and APPLICABLE TO TYPE 2014 CHANNELS (OFF-PREMISES PBX SERVICE) are still available for resale until October 19, 2013, on which date the foregoing terms shall be effective for resale.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (N)
(N)

Delaware LLC

Channels

- C. SERIES 2000 CHANNELS* (Cont'd) (N)
3. REGULATIONS (Cont'd)
- h. APPLICABLE TO TYPE 2040 CHANNELS (SECRETARIAL LINES CONNECTED TO TELEPHONE ANSWERING SERVICE EQUIPMENT) (Cont'd)
- (2) When the secretarial service is furnished from an exchange other than the one in which the Telephone Answering Service is located, one inter-exchange channel is required to connect the serving central offices of the exchange areas. One local channel and one transmission function are required to connect the interexchange channel to the premises of the Telephone Answering Service.
- i. APPLICABLE TO TYPE 2041 CHANNELS (SECRETARIAL LINES CONNECTED TO CONCENTRATOR EQUIPMENT)
- (1) When a secretarial line is connected to a concentrator located at a different premises in the same central office district, a local channel measured in 1/4 mile increments is required between the patron's serving central office and the location of the concentrator equipment. This channel will be furnished at the rates for a Type 2040 channel.
- (2) When a secretarial line is connected to a concentrator located in a different central office from the patron's normal serving central office, one interoffice channel is required to connect the central offices. A transmission function is required at each end of the interoffice channel to make the channel operative.
- (3) When a secretarial line is connected to a concentrator located in a different exchange from the patron's normal exchange, one interexchange channel is required to connect the serving central offices of the exchange areas. A transmission function is required at each end of the interexchange channel to make the channel operative.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (N)
|
(N)

Delaware LLC

Channels

D. SERIES 3000 CHANNELS*

(N)

1. GENERAL

- a. Series 3000 Channels as provided under this Guide for use between adjacent premises are not available for new installations as described in A.3.a. preceding.

Information pertaining to channels provided between non adjacent premises in the same or different wire center(s) has been transferred to Section 36B of this Guide.
- b. Series 3000 services include unconditioned voice grade channels for remote metering, supervisory control, miscellaneous signaling and data transmission of approximate bandwidth of 300-2800 Hz.
- c. These channels are furnished for service 24 hours a day, 7 days a week, for a minimum period of one month.
- d. Channels are furnished for half-duplex or duplex operation, for intraexchange service on a two-point basis to the extent specified following. The number of stations that may be connected and the distance over which satisfactory transmission is possible may be limited by operating and transmission factors. These channels may not be suitable for the transmission of direct current pulses.
- e. With reference to the descriptions in 2. following:
 - (1) "Effective two-wire facilities" may be composed of two-wire metallic and/or four-wire metallic and/or carrier segments; "four-wire facilities" are composed entirely of four-wire metallic and/or carrier segments.
 - (2) The 1000 Hz loss objective range specified refers to the total channel offering (end-to-end) and indicates that the engineered objective loss will fall within that range at the discretion of the Telephone Company depending upon available facilities and the applicability of appropriate engineering designs. These specifications do not include gains or losses present in customer-provided equipment.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(N)
(N)

Delaware LLC

Channels

D. SERIES 3000 CHANNELS* (Cont'd) (N)

1. GENERAL (Cont'd)

e. With reference to the descriptions in 2. following: (Cont'd)

(3) The Telephone Company reserves the right to revise these objectives and other technical parameters as described herein.

f. For duplex service to adjacent premises as specified in J.2. following, the monthly rates for two channels apply.

2. TYPES AND DESCRIPTIONS

<u>Type</u>	<u>Description</u>
3001	A two-wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 16 db; for two-point service; normally suitable for half-duplex or full-duplex operation, for <u>remote metering, supervisory control and miscellaneous signaling</u>. For full duplex intraexchange or interexchange service the monthly and non-recurring rates for two local channels and two transmission functions for each premises served, apply.
3002	A two-wire interface with effective two-wire facilities or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 16 db; for two-point service; normally suitable for <u>half or full-duplex data transmission</u>. For full duplex intraexchange or interexchange service the monthly and nonrecurring rates for two local channels and one transmission function for each premises served, apply.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (N)
(N)

Delaware LLC

Channels

D. SERIES 3000 CHANNELS* (Cont'd)

(N)

3. REGULATIONS

a. APPLICABLE TO TYPE 3001 (REMOTE METERING, SUPERVISORY CONTROL AND MISCELLANEOUS SIGNALING CHANNELS)

- (1) The equipment and associated station wiring shall be provided by the customer.
- (2) The use of customer-owned equipment is subject to the regulations in Section 31 of this Guide regarding connections with customer-owned equipment. However, the customer, by the use of his own equipment, may create additional channels or may transmit more than one tone or signal in sequence or simultaneously to the extent permitted by the normal transmission characteristics of the grade of channel furnished.
- (3) Customers, by use of their own equipment, and to the extent permitted by the normal transmission characteristics of the grade of channel ordered may create additional channels for any type of communications by sub-dividing a channel furnished under this Guide. The Telephone Company makes no representation as to the suitability of the channels provided by it for such subdivision into additional channels by the customer. These channels may be connected with other channels which are furnished by the Telephone Company to the same customer, and to channels created therefrom, if the forms of electrical communication for which they are being used are the same.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (N)
(N)

Delaware LLC

Channels

D. SERIES 3000 CHANNELS** (Cont'd) (N)

3. REGULATIONS (Cont'd)

b. APPLICABLE TO TYPE 3002 (DATA CHANNELS)

- (1) Data processing equipment, teletypewriter station equipment and terminal equipment required to condition signals generated by or delivered to customer apparatus, and station wiring for data transmission purposes shall be provided by the customer, subject to the regulations in Section 31 of this Guide regarding connections with customer-owned equipment.
- (2) Customers, by use of their own equipment, and to the extent permitted by the normal transmission characteristics of the grade of channel ordered may create additional channels for any type of communication by sub-dividing a channel furnished under this Guide. The Telephone Company makes no representation as to the suitability of the channels provided by it for such sub-division into additional channels by the customer. These channels may be connected with other channels which are furnished by the Telephone Company to the same customer, and to channels created therefrom, if the forms of electrical communication for which they are being used are the same.

E. SERIES 6000 CHANNELS*

1. GENERAL

- a. Series 6000 Channels as provided under this Guide for use between adjacent premises are not available for new installation as described in A.3.a. preceding.

Information pertaining to channels between non-adjacent premises in the same or different wire center(s) has been transferred to Section 36B of this Guide.

* Effective February 13, 2026, moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 6000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

** Effective February 13, 2026, moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (N)
(N)

Delaware LLC

Channels

E. SERIES 6000 CHANNELS* (Cont'd)

1. GENERAL (Cont'd)

- b. Series 6000 channels include audio and wired music channels specially equipped for the closed circuit (non-broadcast) transmission of voice and music signals in one direction only.
- c. These channels are furnished for service 24 hours a day, 7 days a week, for a minimum period of one month.
- d. Channels are furnished on a two-point basis to the extent specified below.
- e. These channels are furnished for use with customer-provided terminal equipment only.
- f. With reference to the descriptions in 2. following:
 - (1) "Effective two-wire facilities" may be composed of two-wire metallic and/or four-wire metallic and/or carrier segments.
 - (2) The 1000 Hz loss objective range specified refers to the total channel offering (end-to-end) and indicates that the engineered objective loss will fall within that range at the discretion of the Telephone Company depending upon available facilities and the applicability of appropriate engineering designs. These specifications do not include gains or losses present in customer-provided equipment.
 - (3) The Telephone Company reserves the right to revise these objectives and other technical parameters as described herein.

* Effective February 13, 2026, moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 6000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

E. SERIES 6000 CHANNELS* (Cont'd)

2. TYPES AND DESCRIPTIONS

Type	Description
6005	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz maximum loss of 32 db and <u>equalized</u> to ± 3 db of the 1000 Hz loss <u>from 100 to 5000 Hz</u> , arranged for unidirectional operation; for two-point service only, normally suitable for <u>audio transmission</u> .
6007	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz maximum loss of 32 db and <u>equalized</u> to ± 3 db of the 1000 Hz loss from approximately 50 to 8000 Hz, arranged for unidirectional operation; for two-point service only, normally suitable for <u>audio transmission</u> .
6009	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz maximum loss of 32 db and <u>equalized</u> to ± 3 db of the 1000 Hz loss from approximately 50 to 15000 Hz arranged for unidirectional operation; for two-point intraexchange service only, normally suitable for <u>audio transmission</u> .
6011	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz maximum loss objective of 12 db <u>without equalization</u> , arranged for unidirectional operation; for two-point service, normally suitable for <u>audio transmission</u> .

* Effective February 13, 2026, moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 6000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

E. SERIES 6000 CHANNELS* (Cont'd)

2. TYPES AND DESCRIPTIONS (Cont'd)

<u>Type</u>	<u>Description</u>
6020	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz maximum loss of 14 db <u>without equalization</u> , arranged for unidirectional operation; for two-point service, normally suitable for <u>wired music distribution</u> .
6021	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz maximum loss of 34 db and <u>equalized</u> to ± 4 db of the 1000 Hz loss from approximately 50 to 5000 Hz, arranged for unidirectional operation; for service within the same central office district only; normally suitable for <u>wired music distribution</u> .
6022	A two-wire interface with effective two-wire facilities engineered for a 1000 Hz maximum loss of 34 db and <u>equalized</u> to ± 4 db of the 1000 Hz loss from approximately <u>50 to 8000 Hz</u> ; arranged for unidirectional operation; for service within the same central office district only; normally suitable for <u>wired music distribution</u> .

3. REGULATIONS

a. GENERAL

- (1) Facilities furnished in connection with exchange, message toll or private line telephone service may not be connected with program transmission channels.
- (2) All station equipment and facilities on the customer's side of the Rate Demarcation Point (RDP) shall be provided by the customer.

* Effective February 13, 2026, moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 6000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

E. SERIES 6000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. GENERAL (Cont'd)

- (3) Channels of this type may be used incidentally for the transmission of music as filler material, provided no special circuit or equipment arrangements are required other than that necessary for speech only transmission.
- (4) These Series 6000 channels may require the use of non-loaded cable facilities. In the event that only loaded facilities are available, the Company will, at the customer's request, de-load the facilities at charges commensurate with the costs incurred.

b. APPLICABLE TO TYPES 6005, 6007, 6009, 6011 (AUDIO CHANNELS)

- (1) These channels are furnished to provide service between two customer service locations, to connect a music source to a wired music distribution amplifier located in a Telephone Company central office.
- (2) For extending non-equalized channels to different buildings at shopping centers and multi-building malls, where connection is made directly to a customer furnished receiver or bridging amplifier or to a Telephone Company furnished bridging amplifier at the shopping center or mall, adjacent premises rates specified in J.2. following apply.
- (3) Audio channels may also be provided between 200-3500 Hz at rates specified in J.2. following.

c. APPLICABLE TO TYPES 6020, 6021, 6022 (WIRED MUSIC DISTRIBUTION CHANNELS)

- (1) These channels are furnished for distribution of wired music service from a Telephone Company central office to patrons of the music service.

* Effective February 13, 2026, moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 6000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

E. SERIES 6000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

c. APPLICABLE TO TYPES 6020, 6021, 6022 (WIRED MUSIC DISTRIBUTION CHANNELS) (Cont'd)

- (2) Distribution amplifiers provided by the Telephone Company at the central office are required to receive signals from the music source and transmit the appropriate signal level to the multiple wired music channels serving the patrons of the music service.

F. SERIES 9000 CHANNELS*

1. GENERAL

- a. Effective March 24, 1994, series 9000 Channels as provided under this Guide for use between adjacent premises are not available for new installations as described in A.3.a. preceding.
- b. Information pertaining to Type 9001 and Type 9002 channels provided between non-adjacent premises in the same wire center is located in Section 36B of this Guide. Type 9003 and Type 9004 channels provided between non-adjacent premises are no longer available for new installations. Such channels furnished to existing customers as of March 24, 1994 may be continued for the same customer at the same location.
- c. The Telephone Company will furnish, subject to availability of facilities, Local Area Data Channels suitable for baseband transmission of digital data signals using the frequency spectrum above voiceband between two points within the same central office district. These channels are suitable for use with customer-provided data sets requiring either two-wire or four-wire facilities which meet the transmission specifications as specified in the following paragraphs.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 6000 and Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

2. TYPES AND DESCRIPTIONS

<u>Type</u>	<u>Description</u>
9001	A two-wire interface with two-wire nonloaded facilities with insertion loss objectives dependent upon facility length and frequency as specified in the table following; for two-point service within the same central office district only; normally suitable for the transmission of digital data signals. Furnished for <u>two-wire Local Area Data Service</u> .
9002	A four-wire interface with four-wire nonloaded facilities with insertion loss objectives dependent upon facility length and frequency as specified in the table following; for two-point service within the same central office district only; normally suitable for the transmission of digital data signals. Furnished for <u>four-wire Local Area Data Service</u> .
9003	A two-wire interface with two-wire facilities which may consist of combinations of metallic nonloaded and loaded cable facilities within a given channel; for two-point service within the same central office district only. Furnished for <u>two-wire Limited Distance Data Service</u> .
9004	A four-wire interface with four-wire facilities which may consist of combinations of metallic nonloaded and loaded cable facilities within a given channel; for two-point service within the same central office district only. Furnished for <u>four-wire Limited Distance Data Service</u> .

3. REGULATIONS

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE)

- (1) These channels are furnished only for balanced transmission of data signals conforming to specified signal power limitations and other parameters as specified by the Telephone Company and/or as shown following.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

- (2) The Telephone Company guarantees that the transmission parameters as shown below will be provided between two points that are no more than six route miles apart as determined by the Telephone Company using normal cable routing between the points to be served. However, when requested by the customer, channel lengths in excess of 6 miles will be provided. The noise and insertion loss characteristics for those cases in excess of six miles will be furnished upon customer request.
- (3) These channels require the use of nonloaded metallic cable facilities. In the event that only loaded facilities are available, and the customer desires service, the Telephone Company will de-load the facilities at rates commensurate with costs incurred.
- (4) The Telephone Company may make whatever rearrangements in its facilities it deems appropriate and has no obligation to provide this service if suitable facilities are no longer available.
- (5) Provision of this service is subject to the availability of facilities and construction of facilities expressly for this purpose is not contemplated.
- (6) Provision of this service does not contemplate connection to the public switched network.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION

(a) The Telephone Company will furnish:

- (a.1.) A two-wire interface with two-wire nonloaded facilities with insertion loss objectives dependent upon facility length and frequency as specified in the table below; for two-point service within the same central office district only; normally suitable for the transmission of digital data signals.
- (a.2.) A four-wire interface with four-wire nonloaded facilities with insertion loss objectives dependent upon facility length and frequency as specified in the table below; for two-point service within the same central office district only; normally suitable for the transmission of digital data signals.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS** (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(a) The Telephone Company will furnish: (Cont'd)

(a.2.) (Cont'd)

INSERTION LOSS OBJECTIVES (db) WITH
135 OHM TERMINATIONS

Maximum End-to-End Channel Length In Route Miles	Frequency					
	<u>1000 Hz</u>	<u>2400 Hz</u>	<u>4800 Hz</u>	<u>9600 Hz</u>	<u>19200 Hz</u>	<u>38400 Hz</u>
1	10.5	12.0	15.0	19.0	22.5	26.5
2	14.5	16.5	20.5	27.5	35.5	46.0
3	18.0	21.0	27.0	36.5	50.0	67.0
4	21.0	26.0	34.0	46.0	62.5	*
5	23.5	30.5	39.5	53.5	*	*
6	26.5	33.0	43.5	58.5	*	*

* not specified

** Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

- (b) The insertion loss objectives specified preceding refers to the total channel offering (end-to-end) and indicates that the engineered objective loss will fall within that objective. These specifications do not include gains or losses present in customer-provided equipment.

The Telephone Company reserves the right to revise these objectives and other technical parameters as described herein.

(c) Signal Power Requirements

To prevent interference with other telecommunication services and to protect Telephone Company personnel against hazardous voltages and currents, all the signal power requirements specified as follows must be complied with:

(c.1.) Weighted ϕ RMS Voltage Limitation

<u>Frequency Range</u>	<u>Maximum RMS Voltage</u>
10 Hz to 4 kHz	+ 8 dBV* (2.5 volts)

ϕ Weighing in db is $20 \log_{10} f$, for f between 10 Hz and 1000 Hz and is 0 for f between 1 kHz and 4 kHz.

* dBV = $20 \log_{10}$ (voltage in rms volts)

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(c) Signal Power Requirements (Cont'd)

(c.2.) RMS Voltage in 100-Hz Bands

Center Frequency of 100-Hz Band	Maximum RMS Voltage in 100-Hz Band Centered at f
200 Hz to 680 Hz	$(-30 \log_{10} f)$ dBV*
680 Hz to 4 kHz	+5 dBV
4 kHz to 4.6 kHz	-0.5 dBV
4.6 kHz to 5.45 kHz	$(59.2 - 90 \log_{10} f)$ dBV
5.45 kHz to 59.12 kHz	$(7.7 - 20 \log_{10} f)$ dBV
59.12 kHz to 300 kHz	$(43.1 - 40 \log_{10} f)$ dBV
300 kHz to 1MHz	-56 dBV

Where f = center frequency in kHz of each of the possible 100-Hz bands

* dBV = $20 \log_{10}$ (voltage in rms volts)

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(c) Signal Power Requirements (Cont'd)

(c.3.) RMS Voltage in 8-kHz Bands

Center Frequency of 8 kHz Band	Maximum RMS Voltage in 8-kHz Band Centered at f
8 kHz to 120 kHz	(17.6 - 20 log ₁₀ f) dBV*
120 kHz to 757 kHz	(59.2 - 40 log ₁₀ f) dBV
757 kHz to 1 MHz	-56 dBV

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(c) Signal Power Requirements (Cont'd)

(c.3.) RMS Voltage in 8-kHz Bands (Cont'd)

Where f = center frequency in kHz of each of the possible 8-kHz bands

* dBV = $20 \log_{10}$ (voltage in rms volts)

All voltage limits are averaged over 100 milliseconds

(c.4.) Peak Voltage Limitation

The peak metallic voltage of signals at frequencies above 1 kHz must not exceed 25 dBV (17.8 volts).

(c.5.) Maximum Current and Voltages

Under no circumstances shall the current and voltages (including all harmonics and spurious signals) at the channel interface exceed the limits indicated below.

(c.5.a) The rms current per conductor, including dc and ac components, shall not exceed 250 milliamperes.

(c.5.b) The voltage between the tip and ring connections shall not exceed 36 volts peak.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(c) Signal Power Requirements (Cont'd)

(c.5.) Maximum Current and Voltages (Cont'd)

(c.5.c) The voltage between any conductor and ground shall not exceed 54 volts peak. In addition, any dc component must be negative with respect to ground, except during brief maintenance periods.

(d) Noise Requirements

The noise values represent maximums that should not be exceeded under the normal range of circumstances. Because of the nature of this service offering and in view of the influence that the environment can have on Verizon System facilities, the background and impulse noise levels specified should be regarded as a guide. No guarantee is implied that these levels will not be exceeded, since there may be unusual conditions not under control of the Telephone Company.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(d) Noise Requirements (Cont'd)

(d.1.) Background Noise

The background noise specified for these channels reflects contributions from two main sources of noise in the telephone loop plant: induction from power lines and crosstalk from other telecommunication services. The values indicated are intended as a guideline on the maximum metallic noise voltage levels that should be expected when a channel is terminated in 135 ohms resistive metallic impedances. It should be noted, however, that the actual noise voltages present at the interface may exceed the indicated levels, and depend on the metallic and longitudinal terminating impedances and the longitudinal-to-metallic balance of the data sets. The guideline for the background noise voltages levels of Local Area Data Channels is as follows:

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(d) Noise Requirements (Cont'd)

(d.1.) Background Noise (Cont'd)

(d.1.a) Tone in 60 to 660 Hz Band:

Noise in this band results from power line induction (60 Hz and associated harmonics) with major contributions from 60 Hz and its odd harmonics up to 660 Hz as follows:

Frequency (Hz)	Noise Voltage Level in dBV
60	-50
180	-60
300	-70
420	-76
540	-81
660	-85

Tone will be present at all frequencies. However, at the levels indicated, only two tones may be present simultaneously.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(d) Noise Requirements (Cont'd)

(d.1.) Background Noise (Cont'd)

(d.1.b) Noise in 600 Hz to 24 kHz Band:

The rms noise voltage level (in dBV) in any 4-kHz band centered at f , where f ranges from 2.6 kHz to 22 kHz, is a weighted function of frequency equal to

$$[-80 - 10.2 \log_{10} \frac{f}{2.6} \text{ (kHz)}] \text{ dBV.}$$

(d.1.c) Noise in 24 kHz to 80 kHz Band:

The rms noise voltage level (in dBV) in any 8-kHz band centered at f , where f ranges from 28 kHz to 76 kHz, is a weighted function of frequency equal to

$$[-87 + 30 \log_{10} \frac{f}{28} \text{ (kHz)}] \text{ dBV}$$

(d.1.d) Noise above 80 kHz:

The rms noise voltage level in any 8-kHz band centered at f , where f is equal to or greater than 84 kHz, is -74 dBV.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

a. APPLICABLE TO TYPES 9001 AND 9002 (LOCAL AREA DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(d) Noise Requirements (Cont'd)

(d.2.) Impulse Noise

Impulse noise is characterized by large peaks or impulses in the total noise waveform.

The impulse noise measurement for Local Area Data Channels involves counting the number of noise peaks exceeding a threshold of 50 dBm (-40 dBm), over the frequency range extending from 50 Hz to 25 kHz. The limit is a maximum of 15 counts in 15 minutes, with the channel terminated in 135 ohm resistive impedances.

b. APPLICABLE TO TYPES 9003 AND 9004 (LIMITED DISTANCE DATA SERVICE)

- (1) As of March 24, 1994, Types 9003 and 9004 channels are no longer available for new installations. Such channels furnished to existing customers as of March 24, 1994, may be continued for the same customer at the same location.
- (2) These channels are furnished only for balanced transmission of data signals conforming to specified signal power limitations and other parameters as specified by the Telephone Company and/or as shown below.
- (3) These channels are furnished using available facilities, which may consist of combinations of metallic nonloaded and loaded cable facilities within a given channel. In the event that totally nonloaded cable facilities are required and only loaded facilities are available, and the customer desires service, the Telephone Company will de-load the facilities at rates commensurate with costs incurred.
- (4) The Telephone Company may make whatever rearrangements in its facilities it deems appropriate and has no obligation to provide this service if suitable facilities are no longer available.
- (5) Provision of this service is subject to the availability of facilities and construction of facilities expressly for this purpose is not contemplated.
- (6) Provision of this service does not contemplate connection to the public switched network.

(7) SERVICE DESCRIPTION

(a) The Telephone Company will furnish:

- (a.1.) A two-wire interface with two-wire facilities with insertion loss as specified below; for two-point service; normally suitable for the transmission of digital data signals.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

b. APPLICABLE TO TYPES 9003 AND 9004 (LIMITED DISTANCE DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(a) The Telephone Company will furnish: (Cont'd)

- (a.2.) A four-wire interface with four-wire facilities with insertion loss as specified below; for two-point service; normally suitable for the transmission of digital data signals.

For use at line speeds of 2400 or 4800 bits per second.

The actual measured 2.4 kHz insertion loss with 135 ohm terminations at each end will be 34 db or less.

(b) Signal Power Requirements

To prevent interferences with other telecommunication services and to protect Telephone Company personnel against hazardous voltages and currents, all the signal power requirements specified as follows must be complied with:

- (b.1.) The maximum root-mean-square (rms) value, including dc and ac components, of the current per conductor will not exceed 0.15 ampere.
- (b.2.) The magnitude of the peak of the conductor to ground voltage shall not exceed 70 volts.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

b. APPLICABLE TO TYPES 9003 AND 9004 (LIMITED DISTANCE DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(b) Signal Power Requirements (Cont'd)

- (b.3.) The conductor to conductor voltage shall be such that the conductor to ground voltage limit in (b.2.) preceding is not exceeded. If the signal source is not grounded, the voltage limit in (b.2.) preceding applies to the conductor to conductor voltage.
- (b.4.) The total weighted rms voltage within the band from 10 Hertz to 10,000 Hertz shall not exceed 100 volts. The total weighted rms voltage is the square root of the sum of the products of the weighing factors for the individual frequency components times the square of the rms voltage of the individual frequency components. The weighing factors are as indicated:

<u>For Frequencies Between</u>	<u>Weighing Factor</u>
10 Hertz and 100 Hertz	$f^2/10^4$
100 Hertz and 10,000 Hertz	$f^{3.3}/10^{6.6}$

Where f is the numerical value of the frequency, in Hertz of the frequency component being weighted.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

b. APPLICABLE TO TYPES 9003 AND 9004 (LIMITED DISTANCE DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(b) Signal Power Requirements (Cont'd)

- (b.5.) The total voltage within the frequency band from 10,000 Hertz to 25,000 Hertz shall not exceed 0.05 volts rms.

This is equivalent to a signal power limit of 24 db below one milliwatt at 600 ohms impedance.

- (b.6.) The total voltage within the frequency band from 25,000 Hertz to 40,000 Hertz shall not exceed 0.012 volts rms.

This is equivalent to a signal power limit of 36 db below one milliwatt at 600 ohms impedance.

- (b.7.) The total voltage within the frequency band above 40,000 Hertz shall not exceed 0.0025 volts rms.

This is equivalent to a signal power limit of 50 db below one milliwatt at 600 ohms impedance.

- (b.8.) The foregoing signal level restrictions are based upon multiple disturbers being present in a given cable. When several circuits employing baseband data transmission are keyed simultaneously the signal limits stipulated in (b.4.) through (b.7.) preceding must be reduced by multiplying the voltage signal limits by a factor of $1/N$ where N is the expected number of transitions occurring simultaneously.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

F. SERIES 9000 CHANNELS* (Cont'd)

3. REGULATIONS (Cont'd)

b. APPLICABLE TO TYPES 9003 AND 9004 (LIMITED DISTANCE DATA SERVICE) (Cont'd)

(7) SERVICE DESCRIPTION (Cont'd)

(c) Noise Requirements

The values specified represent maximums that should not be exceeded under the normal range of circumstances. Because of the nature of this service offering and in view of the influence that the environment can have on facilities, the background and impulse noise levels specified should be regarded as a guide. No guarantee is implied that these levels will not be exceeded.

(c.1.) Background Noise

The noise between 40 Hz and 30 kHz measured with 135 ohm resistive terminations at each end will not exceed -45dBm.

(c.2.) Impulse Noise

With 135 ohm resistive terminations, shall not exceed 7 counts in 15 minutes at a threshold of 71 dBm (-29dBm).

(d) The Telephone Company reserves the right to revise the technical parameters described above.

* Effective February 13, 2026, moves, changes or modifications to these services will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C) (C)

Delaware LLC

Channels

G. OTHER FEATURES AND ARRANGEMENTS

1. ALTERNATE USE ARRANGEMENTS

Channels may be arranged for different types of transmission on an alternate use basis, as follows:

a. TYPES AND DESCRIPTIONS

<u>Channel Types</u>	<u>Alternately Arranged For Use as:</u>
Type 2001	Type 2006 Foreign Exchange Service
2014	Type 1006 Remote metering, supervisory control and miscellaneous signaling purpose up to 150 baud
2021	
2025	Type 1006 Teletypewriter up to 150 baud
2026	Type 1005 Data up to 75 baud

b. REGULATIONS

- (1) The regulations applicable to the particular use of the channel apply when the channel is connected for such use.
- (2) Interexchange and associated Local Channels may be used alternately but not simultaneously for different purposes as indicated below.
- (3) The monthly charge applicable to a channel used alternately for another purpose is the higher of the channel charges applicable to the uses involved. In addition to the established channel charges, charges apply at each of two service points for the alternate use.

Delaware LLC

Channels

G. OTHER FEATURES AND ARRANGEMENTS (Cont'd)

1. ALTERNATE USE ARRANGEMENTS (Cont'd)

b. REGULATIONS (Cont'd)

- (4) If a change, addition, deletion or rearrangement of the channel and/or the equipment necessary to provide suitable transmission and signaling is required, charges based on costs apply in addition to monthly charges.
- (5) If automatic switching or alternate use involving more than two service points is desired, it will be furnished where feasible at additional charges based on the cost involved.

H. MOVE CHARGES

SECRETARIAL LINE MASS MOVE CHARGES

When, because of the move of a telephone secretarial service bureau, secretarial lines presently connected are reconnected at the new telephone secretarial service location, the telephone secretarial service bureau, has the option of paying the cost of connecting the secretarial lines at the new location, in lieu of the applicable charges as specified in this and other Sections of this Guide.

Channels

I. DEFINITION OF TERMS

1. ADJACENT PREMISES

Adjacent premises are properties owned or leased by the same customer, which are separated by a street, alley or other public thoroughfare absent which such properties would otherwise be continuous.

Channel connections between the premises must be direct, i.e., accomplished by the attachment of Telephone Company facilities to the customer's buildings, other customer-provided structures or by existing utility company poles. Channels furnished through Telephone Company-provided conduit or through the use of supporting structures provided by the Telephone Company specifically for this purpose are excluded from "adjacent premises" rate treatment. This definition applies to this Guide section only.

2. BAUD

Baud denotes a unit of signaling speed. It is the reciprocal of the time duration in seconds of the shortest signal element (mark or space) within a code signal. The speed in bauds is the number of signal elements per second.

3. CENTRAL OFFICE DISTRICT

A central office district is the geographical area normally served from a single Telephone Company local office switching location having one or several switching units which may be used interchangeably to serve all customers located within the area.

4. CONNECTED PREMISES

Connected premises are premises directly connected by a passageway or basement in which wires may be safely installed. Such premises may be separated by a public thoroughfare but not by intervening property.

Delaware LLC

Channels

I. DEFINITION OF TERMS (Cont'd)

5. CONTIGUOUS EXCHANGES

Exchanges are considered contiguous when any point on their exchange area boundaries is common to both.

6. DENSITY CELL

Designation used to determine the rate applicable for service within a central office. The density of each cell is determined by the total number of working lines per central office district square mile.

7. DUPLEX SERVICE

Duplex Service denotes service which provides simultaneous transmission in both directions.

8. EQUALIZED

A channel is considered to be equalized when the characteristics of the signal transmitted are preserved at the receiving end.

9. FREQUENCY SEPARATION

The term "Frequency Separation" denotes a method whereby simultaneous operation in both directions on a half-duplex grade of channel service can be achieved by the allocation of different frequency sections of the spectrum to each direction of transmission.

10. HALF-DUPLEX SERVICE

Half-Duplex Service denotes service which provides transmission alternately in either direction, or transmission in one direction only.

Delaware LLC

Channels

I. DEFINITION OF TERMS (Cont'd)

11. INTERFACE

An interface is a point on the property where the customer's service is located, at which Telephone Company-provided private line service terminates and at which connection of Telephone Company-provided private line service is made with communications systems or terminal equipment provided by the customer, or with other Telephone Company-provided services. This definition applies to this Guide.

12. INTEREXCHANGE CHANNEL

An interexchange channel is one which connects two or more exchanges.

13. INTEROFFICE CHANNEL

An interoffice channel is one which connects two or more central offices within the same exchange.

14. LOCAL CHANNEL

A local channel consists of the wiring and facilities required for that portion of the service which extends from the customer's Rate Demarcation Point (RDP) to the normal serving central office within an exchange.

15. LOCAL CHANNELS - BETWEEN CONTIGUOUS EXCHANGES

A local channel between contiguous exchanges is one which connects two or more stations located in contiguous exchanges of the Telephone Company.

Channels

I. DEFINITION OF TERMS (Cont'd)

16. RATE DEMARCATION POINT

See Section 32 - Explanation of Terms in P.S.C.-Del.-No. 1 Tariff.

17. TRANSMISSION FUNCTION

Transmission function is the equipment necessary to adapt a circuit to the station interface requirements and bring transmission characteristics into objective range.

Delaware LLC

Channels

J. RATES AND CHARGES ¹

1. GENERAL

These rates apply to both two-point and multipoint service.

The rate elements applicable for intraexchange and interexchange channels are specified in A.3. preceding.

2. CHANNELS BETWEEN ADJACENT PREMISES

Monthly Charges

Rates

Between locations on adjacent premises
for Series 1000*, 2000, 3000, 6000*
and 9000* channels as applicable ²

. Each two-wire channel ²	\$4.20
. Each four-wire channel ² (Types 2021, 9002* and 9004* are four-wire channels)	8.40

Nonrecurring Charges

Rates

	<u>Initial</u>	<u>Additional</u>
. Each two-wire channel	\$95.00	\$95.00
. Each four-wire channel (Types 2021, 9002* and 9004* are four-wire channels)	115.00	115.00

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012.

² Withdrawn from residential service effective July 20, 2013; still available for resale until October 19, 2013, on which date the foregoing terms shall be effective for resale.

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 1000, Series 6000 and Series 9000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)
(C)

Delaware LLC

Channels

J. RATES AND CHARGES ² (Cont'd)

3. INTRAEXCHANGE AND INTEREXCHANGE CHANNELS

Monthly Charges

Rates

Cell 1 Cell 2 Cell 3

Intraexchange and Interexchange¹

Between locations on different premises
in the same or different central office
for intraexchange and between different
central offices for interexchange
channels as applicable.

a. Local Channel
(One required for each premises at
which the channel terminates)

- Each two-wire channel	\$46.00	\$56.00	\$70.00
- Each four-wire channel	46.00	56.00	70.00

Mileage
Band

Fixed Rate
Rate Per Mile

b. Intraexchange and Interexchange¹
Per mile between serving central
offices

1 Mile	1	\$18.00	\$1.00
2 to 5 Miles	2	18.00	1.00
6 to 15 Miles	3	18.00	1.00
16 to 25 Miles	4	18.00	1.00
Over 25 Miles	5	18.00	1.00

¹ See "Channels (2000 Services)" for rates for Channel Types 2040 and 2041.

² For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)
|
(C)

Delaware LLC

Channels

J. RATES AND CHARGES ¹ (Cont'd)

4. 1000 SERIES CHANNELS

Monthly Charges

Rates

a. Station Arrangement for Type 1006 Channels

Two-point Type 1006 channel between
terminals in, per each termination:

- Same building	\$25.00
- Same premises	25.00
- Same C.O. District	25.00

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (C)
|
(C)

Delaware LLC

Channels

J. RATES AND CHARGES ¹ (Cont'd)

5. 2000 SERIES CHANNELS

<u>Monthly Charges</u>	<u>Rates</u>	
	<u>Same C.O.</u>	<u>Different C.O.</u>
a. Intraexchange Channels		
- Transmission function, each (One required per local channel)		
. Type 2005	----	\$14.00
- Two required per interoffice channel		
- Total monthly charges are subject to a minimum of \$49/month. A minimum of \$49 also applies where the normal Central Office and the foreign office are located in the same Central Office building but service different districts.		
. Type 2011	\$1.00	30.00
b. Interexchange Channels		
- Transmission function, each (One required per local channel)		
. Type 2006		14.00
- Two required per interoffice channel		
- A minimum of \$49 where the normal Central Office and the central office serving the foreign exchange are located in the same central office building but serve different exchanges.		
. Type 2011		30.00

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)
|
(C)

Delaware LLC

Channels

J. RATES AND CHARGES ¹ (Cont'd)

5. 2000 SERIES CHANNELS (Cont'd)

Monthly Charges (Cont'd)

		<u>Distance Between Contiguous Exchanges</u>		
		<u>< 6 Miles</u>	<u>6 to 10 Miles</u>	<u>10+ Miles</u>
c.	Channels Between Contiguous Exchanges			
	- Effective May 18, 1983, not available for new customers.			
	- Individual line or branch exchange trunk			
	. Type 2006	\$25.00	\$35.00	\$45.00
			<u>Rate</u>	
d.	Secretarial Line			
	- Type 2040			
	. When customer and the secretarial equipment locations are not on the same or connected premises, but are in the same exchange. Measured in 1/4 mile increments between customer's serving central office and center of building in which equipment is located			
	- 1/4 mile or less		\$3.00	
	- more than 1/4 mile each 1/4 mile		2.00	

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)
|
(C)

Delaware LLC

Channels

- J. RATES AND CHARGES ¹ (Cont'd)
5. 2000 SERIES CHANNELS (Cont'd)
- Monthly Charges (Cont'd)
- d. Secretarial Line (Cont'd)
- Type 2040 (Cont'd)

	<u>Mileage Band</u>	<u>Fixed Rate</u>	<u>Rate per Mile</u>
. When customer and the secretarial equipment locations are in different exchanges:			
- Interexchange channel, per mile			
1 Mile	1	\$18.00	\$1.00
2 to 5 Miles	2	18.00	1.00
6 to 15 Miles	3	18.00	1.00
16 to 25 Miles	4	18.00	1.00
Over 25 Miles	5	18.00	1.00

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (C)
|
(C)

Delaware LLC

Channels

J. RATES AND CHARGES ¹ (Cont'd)

5. 2000 SERIES CHANNELS (Cont'd)

Monthly Charges (Cont'd)

d. Secretarial Line (Cont'd)

- Type 2040 (Cont'd)

	<u>Cell 1</u>	<u>Cell 2</u>	<u>Cell 3</u>
. When customer and the secretarial equipment locations are in different exchanges: (Cont'd)			
. A local channel between the secretarial equipment and its serving central office	\$23.00	\$28.00	\$35.00
	<u>Rate</u>		
	Different Central Office		
. Transmission function (One required per local channel)	\$ 25.00		

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (C)
|
(C)

Delaware LLC

Channels

J. RATES AND CHARGES ¹ (Cont'd)

5. 2000 SERIES CHANNELS (Cont'd)

Monthly Charges (Cont'd)

d. Secretarial Line (Cont'd)

		<u>Rate</u>		
- Type 2041				
When the customer's service is connected to a concentrator located:				
- In the same central office		\$3.25		
			<u>Mileage Band</u>	<u>Fixed Rate</u> <u>Rate per Mile</u>
- In a different central office within the same exchange				
. Interoffice channel, per mile				
1 Mile	1	\$18.00		\$1.00
2 to 5 Miles	2	18.00		1.00
6 to 15 Miles	3	18.00		1.00
16 to 25 Miles	4	18.00		1.00
Over 25 Miles	5	18.00		1.00
			<u>Rate</u>	
. Transmission function, each (Two required per interoffice channel)		\$20.00		

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (C)
|
(C)

Delaware LLC

Channels

J. RATES AND CHARGES ¹ (Cont'd)

5. 2000 SERIES CHANNELS (Cont'd)

Monthly Charges (Cont'd)

d. Secretarial Line (Cont'd)

- Type 2041 (Cont'd)

When the customer's service
Is connected to a concentrator
located: (Cont'd)

	<u>Mileage Band</u>	<u>Fixed Rate</u>	<u>Rate per Mile</u>
- In different exchanges			
. Interexchange channel per mile			
1 Mile	1	\$18.00	\$1.00
2 to 5 Miles	2	18.00	1.00
6 to 15 Miles	3	18.00	1.00
16 to 25 Miles	4	18.00	1.00
Over 25 Miles	5	18.00	1.00
		<u>Rate</u>	
. Transmission function, each (Two required per inter- exchange channel)		\$20.00	

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)
|
(C)

Delaware LLC

Channels

- J. RATES AND CHARGES ¹ (Cont'd)
5. 2000 SERIES CHANNELS (Cont'd)
- e Nonrecurring Charges

	<u>RATES</u>			
	<u>Initial</u>	<u>Same C.O.</u> <u>Additional</u>	<u>Different C.O.</u> <u>Initial</u>	<u>Additional</u>
Intraexchange Channels				
Transmission function, each (One required per local channel)				
Type 2005	----	----	\$315.00	\$188.00
- Two required per interoffice channel				
Type 2011	\$153.00	\$90.00	655.00	390.00
			<u>Initial</u>	<u>Additional</u>
Interexchange Channels				
(One required per local channel)				
- Two required per interoffice channel				
Type 2006			\$315.00	\$188.00
Type 2011			655.00	390.00

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)
|
(C)

Delaware LLC

Channels

J. RATES AND CHARGES ¹ (Cont'd)

5. 2000 SERIES CHANNELS (Cont'd)

e Nonrecurring Charges (Cont'd)

	<u>Same C.O.</u>		<u>Different C.O.</u>	
	<u>Initial</u>	<u>Additional</u>	<u>Initial</u>	<u>Additional</u>
Secretarial Line				
- Type 2040, per channel				
. When customer and the secretarial equipment locations are not on the same or connected premises, but are in the same exchange. Measured in ¼ mile increments between customer's serving central office and center of building in which equipment is located.				
- ¼ mile or less	\$100.00	\$100.00	\$100.00	\$100.00
- more than ¼ mile, each ¼ mile	100.00	100.00	100.00	100.00
		<u>Initial</u>	<u>Additional</u>	
. Transmission function (One required per local channel)		\$538.00	\$322.00	

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. (C)
|
(C)

Delaware LLC

Channels

J. RATES AND CHARGES ¹ (Cont'd)

5. 2000 SERIES CHANNELS (Cont'd)

e Nonrecurring Charges (Cont'd)

	<u>Initial</u>	<u>Additional</u>
Secretarial Line		
- Type 2041		
When the customer's service is connected to a concentrator located:		
- In the same central office	\$75.00	\$55.00
- In a different central office within the same exchange		
. Transmission function, each (Two required per interoffice channel)	300.00	185.00
- In different exchanges		
. Transmission function, each (Two required per inter-exchange channel)	305.00	190.00

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts.

(C)
|
(C)

Delaware LLC

Channels

J. RATES AND CHARGES ¹ (Cont'd)

6. Other Features and Arrangements

Monthly Charges

		<u>Rates</u>
Alternate Use Arrangements		
- For each channel used alternately as:		
. Type 1005*		--
- Where customer's requirements are such that either the removal of regenerative repeaters or the provision of echo suppression cut-off control, or both, are required		\$35.00
. Type 1006*		30.00
. Type 2006		20.00

Nonrecurring Charges

	<u>Same C.O.</u>		<u>Different C.O.</u>	
	<u>Initial</u>	<u>Additional</u>	<u>Initial</u>	<u>Additional</u>
- For each channel used alternately as:				
. Type 1005*	\$75.00	\$45.00	\$75.00	\$45.00
. Type 1006*	75.00	45.00	75.00	45.00
. Type 2006	75.00	45.00	75.00	45.00

¹ For Residential Customers, Foreign Exchange Service(s) are limited to existing customers of record, at existing locations, on or before June 16, 2012. Effective February 13, 2026, changes or modifications to this service will no longer be supported for all customers. Service modifications for customers with existing contracts are subject to the terms of their contracts. (C)

* Effective February 13, 2026, this service is no longer available to new customers. Moves, changes or modifications to this service will no longer be supported. Service modifications for customers with existing contracts are subject to the terms of their contracts. As of October 31, 2014, all Series 1000 Channels are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible. (C)