TELPAK CHANNELS AND SERVICES

A. GENERAL

1. This Guide Section applies only to those channels and services which the customer has specified be furnished as Telpak channels and services. Effective October 24, 1985, Telpak Service as provided herein is discontinued as an offering. Service being furnished to existing customers may be continued under the following conditions:

    1. Requests for replacements of present classifications between different points will not be accepted.

    2. Only the following requests will be accepted:

        a. to add channels, up to the maximum limit of the present classification.

        b. to reduce present classification i.e., from Telpak B to Telpak A.

    Requests for any new installations will be provided at channel charges specified in Section 12 of this Guide.

2. CHANNELS PROVIDED IN PART BY ANOTHER COMPANY

    If a portion of a channel is provided by another company, any established charges applied by that company are in addition to the charges of this Company and any established regulations of that company apply to the use of the channel between points in its operating territory and points outside of that territory.

B. REGULATIONS

1. DESCRIPTION OF CHANNELS AND CLASSIFICATIONS

    a. Telpak channels as described in b. following are furnished between specified locations in different exchanges for telephone, teletypewriter, data transmission, miscellaneous purposes and for other purposes for which service terminals are provided under c. following.

    A Telpak channel may be used as a single channel or may be subdivided into a group of channels of lesser bandwidth, hereinafter referred to as derived channels, only through the use of service terminals or connecting arrangements provided by the Telephone Company, except that the customer may create additional channels from a derived telephone channel to the same extent permitted for individual channels as provided in Section 12 of this Guide.

    Channels are furnished on a two-point or multi-point basis and are suitable for transmission in either direction or for simultaneous or non-simultaneous transmission in both directions. Facilities are furnished on a seven day per week, twenty-four hour per day basis only and for a minimum period of one month, except as provided in Section 12 for foreign exchange service.

TELPAK CHANNELS AND SERVICES

B. REGULATIONS (Cont'd)

1. DESCRIPTION OF CHANNELS AND CLASSIFICATIONS (Cont'd)

b. Telpak channels are furnished under the following classifications:

Classification	Carrier Spectrum Assignment Kilocycles Per Second	Maximum Equivalent Telephone Grade Channels
Telpak A	48	12
Telpak B	96	24
Telpak C	240	60
Telpak D	1,000 (Approximate)	240

c. Service terminals for use with Telpak channel facilities are furnished under the following classifications:

(1) Telephone: Service terminals suitable for deriving and terminating channels having transmission characteristics and with terminating arrangements similar to Types 2001, 2011, 2014, 2021, 2025 and 3001 channels.

(2) Teletypewriter: Service terminals suitable for deriving and terminating channels having transmission characteristics and with terminating arrangements similar to Type 1006 teletype- writer and miscellaneous purposes channels*.

Four such channels, or any portion thereof or a combination, not exceeding four, of such channels and Type 1005 data channels* obtained through use of service terminals described in (3) following, between the same pair of service points, have the Telpak channel equivalent of one telephone channel.

(3) Data: Service terminals suitable for deriving and termi- nating channels having transmission characteristics and with terminating arrangements similar to those for Type 1005*, and Type 3002 channels for data transmission, respectively. Four Data Class I channels, or any portion thereof, or a combina- tion, not exceeding four, of such channels with teletype- writer channels obtained through use of service terminals described in (2) preceding, between the same pair of service points, have the Telpak channel equivalent of one telephone channel.

Each Data Class III channel has the Telpak channel equivalent of one telephone channel.

* Type 1005 and 1006 channels are available as provided in Section 12 of this Guide in Paragraph B.3.b.

TELPAK CHANNELS AND SERVICES

B. REGULATIONS (Cont'd)

1. DESCRIPTION OF CHANNELS AND CLASSIFICATIONS (Cont'd)

c. (Cont'd)

(4) Type A2: Service Terminals to accommodate the transmission of data signals at a rate of 40,800 bits per second in sequence and including one telephone channel termination for coordination purposes. The channels developed by each service terminal have the total equivalent of 12 telephone grade channels.

d. Channels and service terminals furnished for purposes specified herein are suitable for such purposes. While other uses are permitted, channels and service terminals are not represented as being satisfactory for other uses.

The Telephone Company shall not be responsible to the customer for damages arising out of mistakes, omissions, interruptions, delays or errors or defects in transmission, except those caused by its failure to furnish facilities suitable for the classifications mentioned in c. preceding or its failure to maintain and operate such facilities in a manner proper for such uses. The liability of the Telephone Company for damages caused by its failure to furnish facilities suitable for the specified uses or its failure to maintain and operate such facilities in a proper manner for such uses is as set forth in Section 1 of this Guide.

2. INTEREXCHANGE CHANNEL MILEAGE MEASUREMENTS

a. Two-Point Service

Interexchange channel mileage is the air line distance between the rate centers of the exchange in which the stations or channel terminations in Telephone Company offices are located, determined in accordance with C.2. of this Company's Rate Guide (formerly Tariff Pa. P.U.C.-Toll No. 2C). In the Harrisburg, Philadelphia and Pittsburgh exchanges the measurement is taken from the rate center of the Zone in which the station is located, except that the rate center of Zone 1 is used when the air line distance between the rate center of Zone 1 and the rate center of the distant exchange is more than 40 miles.

TELPAK CHANNELS AND SERVICES

B. REGULATIONS (Cont'd)

2. INTEREXCHANGE CHANNEL MILEAGE MEASUREMENTS (Cont'd)

b. Multi-Point Service

The rate mileage is the shortest combination of two-point mileages which will connect the service points in the sequence specified by the customer. In the Harrisburg, Philadelphia and Pittsburgh exchanges the measurement is taken from the rate center of Zone 1 except that where the air line distance between the most distant points is 40 miles or less, the rate centers of the zones in which stations are located are used.

When one of the exchanges is operated by another telephone company which applies its established mileage charges for the portion of the service furnished by it, the mileage to which this Company's rates apply is the airline distance between the appropriate rate center of the exchange operated by this Company and point where the airline between rate centers crosses the other company's territorial boundary or such other measuring point on the boundary or in the other company's territory to which the other company's mileage is measured as provided in the other company's tariff or Guides.

3. CONNECTION OF SERVICES OR CHANNELS

a. Telpak channels or channels derived by means of the service terminals described in 1.c.(4) preceding may be connected with other Telpak channels or derived channels where such connected channels have the same telephone channel equivalent.

b. Derived services and channels may be connected with other derived services and channels and with services and channels, furnished in accordance with Section 12 of this Guide, provided the types of service and channels so connected and the purposes for which they are furnished are the same.

c. Connecting arrangement charges apply to the extent specified in C.3. following.

d. Where the customer wishes to make such connections at will, the Telephone Company will provide switching arrangements as specified in C.4 following.

TELPAK CHANNELS AND SERVICES

B. REGULATIONS (Cont'd)

4. SHARED USE OF FACILITIES

a. Shared use is permitted in the case of the following customers:

(1) Pipe line companies, railroad companies, other common or contract carriers or public utilities whose rates and charges are regulated by a government entity, and any nonprofit communications organization of such companies provided that those involved in such shared use are in the same line of business.

(2) Government agencies (Federal, State and Local).

b. Charges will be computed as though the facilities were furnished to a single customer and, without affecting the ultimate responsibility for payment of charges, will be allocated for billing purposes among the customers in accordance with percentages specified by them, such percentages to remain in effect for a minimum of one month. Such percentages on file on the first day of any month will be used in computing that month's billing.

C. RATES

The following rates apply for channels and services:

1. TELPAK CHANNELS

a. Rates	Per Airline Mile Per Month
Telpak A	$ 35.00
Telpak B	70.00
Telpak C	170.00
Telpak D	680.00

TELPAK CHANNELS AND SERVICES

C. RATES (Cont'd)

2. SERVICE TERMINALS

A service terminal is required for each channel or service arranged for use by the customer, for each connection of such channel or service to a station, or for termination of such channel in a Telephone Company office for the purpose of establishing a channel in connection with Foreign Exchange Service. Where a channel switching arrangement is provided, each station at the switching point requires a service terminal for each of the services or channels to which it is connected and which can be operated as a separate service or channel.

Where a station exists at the junction of the Telpak and interexchange point, the applicable rate is the lowest charge, either Telpak service terminal or interexchange local channel and transmission function furnished under Section 12 of this Guide.

a. For the first station in an exchange or for a termination in a Telephone Company office on each channel or service in use:

Per Service Terminal	Product/Service Charge	Monthly Rate
Telephone	$241.00	$ 35.70
Teletypewriter	241.00	35.70
Data* (Classes I and III)	241.00	55.70
Type A2	500.00	523.20

b. For the second or subsequent station in an exchange on any individual channel or service:

Per Service Terminal	Product/Service Charge	Monthly Rate
Telephone	$241.00	$27.70
Teletypewriter	241.00	27.70
Data* (Classes I and III)	241.00	48.20

* Data Class I is available as provided in Section 12 of this Guide in Paragraph B.3.b.

c. Move Charges

When a Type A2 service terminal is moved to a new location within the same building, Premises Work charges specified in Section 22B of this Guide apply in addition to one-half the product/service charge. Moves of other service terminals within the same building and moves of all types of service terminals between different buildings are made in accordance with the regulations and rates in Section 22B of this Guide.

TELPAK CHANNELS AND SERVICES

C. RATES (Cont'd)

3. CONNECTING ARRANGEMENTS

A connecting arrangement is required for each connection of a derived channel of a Telpak channel to an interexchange channel furnished under Section 12 of this Guide, except where the connection is by means of a switching arrangement. When a Telpak channel connects to more than one interexchange channel at a single junction point, only one connecting arrangement charge is applicable.

A connecting arrangement charge equal to the service terminal charge for the first station of such channel as specified in 2.a. preceding applies for each such connecting arrangement.

4. SWITCHING ARRANGEMENTS

Switching arrangements to permit the interconnection of two channels are provided at the following monthly charges:

	Monthly Rate
Per channel arranged	
Telephone	$12.50
Teletypewriter	24.00

5. OTHER ITEMS

Bridging, signaling, control and alternate use arrangements are furnished for use with derived services or channels at charges which are the same as those specified in other Sections of this Guide.