

DIGITAL SERVICES

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By: Justin Haynes
Title: Chairman and CEO

PUBLIC UTILITY COMMISSION OF TEXAS
EFFECTIVE
March 6, 2016 Tariff No. 45657
TARIFF CLERK

DIGITAL SERVICES

I. ADVANCED DIGITAL SERVICES – PRIMARY RATE INTERFACE (PRI)

A. General Description

1. Advanced Digital Services – PRI is a digital business service that provides access from a customer’s premises to the Company’s circuit switched voice and circuit switched data via a 1.544 Mbps central office termination and a 1.544 Mbps interconnection to the customer’s premises. Advanced Digital Service – PRI service includes the transport, common equipment, local exchange switching, and trunks for access to the local exchange and toll networks.

2. Advanced Digital Services – PRI may be provisioned over a DS1 or other suitable facility. Advanced Digital Service – PRI and other local services are offered to the Company’s end user customers only and may not be used by common carriers or traffic aggregators for the origination or termination of traffic. Use of such service for transmitting interexchange traffic that does not either originate or terminate at the customer’s premises within the exchange is prohibited.

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<p>PUBLIC UTILITY COMMISSION OF TEXAS APPROVED JAN 31, '09 CONTROL# <u>TC. NO. 36624</u> TARIFF CLERK</p>

DIGITAL SERVICES

I. ADVANCED DIGITAL SERVICES – PRIMARY RATE INTERFACE (PRI)
(Continued)

A. General Description (Continued)

3. Advanced Digital Services – PRI is provided in base capacities of twenty-three (23) 56 Kbps “B” channels and one (1) 56 Kbps “D” channel (23 B+D). The “D” channel is used for out-of-band signaling and control of the “B” channels. Where technology permits, “D” channels can be shared by up to five (5) Advanced Digital Services – PRIs for the same customer. “B” channels can be dedicated to either circuit switched data (CSD) or circuit switched voice (CSV) services, or they may alternate these service types using the Call-by-Call feature as described herein. With optional Clear Channel Capability configurations, the “B” and “D” channels operate at speeds of 64 Kbps.
4. Customer Premises Equipment Facilities – Compatible customer premises equipment is required for Advanced Digital Services – PRI. All Equipment used with these services is required to conform with National ISDN guidelines, as referenced in the following Telcordia Technology (formerly Bellcore) specifications:

<u>Document Number</u>	<u>Description</u>
TR-NWT-001268	ISDN Primary Rate Access Call Control Switching and Signaling Generic Requirements for Class II Equipment
SR-NWT-002343	ISDN Primary Rate Access Generic Guidelines for Customer Premises Equipment

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DIGITAL SERVICES

I. ADVANCED DIGITAL SERVICES – PRIMARY RATE INTERFACE (PRI)
(Continued)

B. Definitions of Service Components

1. “B” Channel – (Bearer Channel) this is a 56 Kbps or 64 Kbps digital channel capable of transporting circuit switched data or circuit switched voice.
2. Caller ID Name+Number – This feature allows the calling party’s number and name, if not set to block, to be displayed on compatible customer premises equipment when an incoming call is received, including those calls made to Direct Inward Dialing (DID) service telephone station numbers.
3. Call-by-Call Capability – When a customer has a Tie Line between customer premises equipment, an inbound WATS line, or a Foreign Exchange (FX) line, this feature allows the circuit switched data and voice services enabled over the PRI to share “B” channels and arrange them as a single trunk group. This allows incoming and outgoing voice and circuit switched data calls to utilize “B” channels on a call-by-call basis. Without this feature, each service type, circuit switched voice or circuit switched data, must have a dedicated “B” channel.
4. Direct Inward Dialing (DID) Numbers – This service allows the customer to get a block of 100 sequential numbers where the Company’s central office, working in conjunction with customer premises equipment, directs inbound calls to the customer directly to the called party’s station equipment over the “B” channels. Additional charges for DID Numbers are found in Section 5 of the Local Exchange Tariff and shall apply as specified therein.

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DIGITAL SERVICES

I. ADVANCED DIGITAL SERVICES – PRIMARY RATE INTERFACE (PRI)
(Continued)

B. Definitions of Service Components (Continued)

5. “D” Channel – (Delta Channel) this is a 56 Kbps or 64 Kbps digital channel used to transport signaling and control information for the “B” channels.
6. D-Channel Back-Up – In customer arrangements of two or more Advanced Digital Services – PRI, it provides advanced continuity of service by allowing a “D” channel of one PRI to automatically take over for a failed “D” channel of another PRI.
7. Equal Access – This service allows the customer to select an interexchange long distance carrier for each Advanced Digital Service – PRI trunk group for circuit switched voice and circuit switched data.
8. Network Ring Again – This service enables a station user whose digital PBX is connected to a central office by Advanced Digital Service – PRI to complete calls to a busy station line in another system without redialing. The system may be in the same or a different central office than the originating caller.

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DIGITAL SERVICES

I. ADVANCED DIGITAL SERVICES – PRIMARY RATE INTERFACE (PRI)
(Continued)

C. Regulations

1. Provision of Service

- a. Advanced Digital Service – PRI is provided at the option of the Company and can only be provided from digital central offices equipped and programmed to provide such service and when the plant facilities serving the customer are capable of providing Advanced Digital Service – PRI.
- b. The availability, functionality, and capabilities of Advanced Digital Service – PRI features and service offerings may vary by serving central office.
- c. Except as specified otherwise, Advanced Digital Services – PRI may not be used for any purpose for which consideration is rendered to pay any other party other than the Company. The Advanced Digital Services – PRI is designed for commercial business entities and not for commercial transport wireless or terrestrial carriers.

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DIGITAL SERVICES

I. ADVANCED DIGITAL SERVICES – PRIMARY RATE INTERFACE (PRI)
(Continued)

C. Regulations (Continued)

1. Provision of Service (Continued)

- d. Advanced Digital Service – PRI Specifications – All customer provided equipment used to interface with Company provided PRI is required to conform with Technical Reference Specifications as used by the Company.
- e. On-site battery back-up for Company provided line equipment at the customer’s premises will be the customer’s responsibility, including any expenses associated therewith.

2. Payment for Service

- a. Advanced Digital Service – PRI is offered under a Term Payment Plan of 12 Months. The PRI service offered under the Term Payment Plan commences on the date the Company certifies the PRI is tested and ready for service. Upon completion of a 12-month term, the service will automatically renew on a month to month basis.
- b. Temporary Suspension of Service is not offered for Advanced Digital Service – PRI.

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DIGITAL SERVICES

I. ADVANCED DIGITAL SERVICES – PRIMARY RATE INTERFACE (PRI)
(Continued)

C. Regulations (Continued)

2. Payment for Service (Continued)

- c. Cancellation of Service Prior to Establishment of Service – In the event a customer initiates cancellation of Advanced Digital Service – PRI Service Orders before completion and certification of the PRI, only the Installation Charges will apply. If the PRI service is tested and certified ready for service, the customer agrees to a minimum of one-month billing if cancellation has occurred.
- d. Cancellation of Service Prior to Completion of the Term Payment Plan – In the event service is terminated by the customer prior to completion of the service term, the customer shall be liable for early termination charges equal to 100% of the unexpired portion of the recurring charges for the applicable contract period.

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DIGITAL SERVICES

I. ADVANCED DIGITAL SERVICES – PRIMARY RATE INTERFACE (PRI)
(Continued)

C. Regulations (Continued)

3. Application of Charges and Rates

- a. The Rates and Charges shown herein apply in addition to all other applicable rates and charges shown elsewhere in the Company's tariffs.
- b. Circuit Switched Voice calls are subject to Expanded Local Calling Service charges or Long Distance Message Telecommunications Service charges as specified elsewhere in the Company's tariffs, if applicable.
- c. Circuit Switched Data calls are subject to either Local Usage sensitive rates* based on minutes of use for local and/or Expanded Local Calling, or Long Distance Message Telecommunications Service charges as specified elsewhere in the Company's tariffs.
- d. For Advanced Digital Service – PRI facilities requiring loop lengths greater than three miles in length, an Advanced Digital Service – PRI loop transport rate may apply per facility.
- e. The Advanced Digital Service – PRI Network Rearrangement Charge is applicable for any changes to the customer configuration after the initial installation. The Network Rearrangement Charges is applicable per occurrence and not based on the number of trunks.

- Local Usage rate per minute is \$0.01 after 30 free hours of data service per month.

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DIGITAL SERVICES

I. ADVANCED DIGITAL SERVICES – PRIMARY RATE INTERFACE (PRI)
(Continued)

D. Rates and Charges

1. 12 Month Term Payment Plan

<u>Service Description</u>	<u>Monthly Recurring</u>	<u>Non-Recurring Installation Charges</u>
Primary Rate Interface (PRI) Group	\$824.00	\$1,700.00
<u>Optional Services & Features</u>		
Call-by-Call Capability	\$25.00	\$75.00
D-Channel Back-Up	\$120.00	\$200.00
Network Ring Again	\$75.00	\$300.00
Network Rearrangements (Each)	\$0.00	\$50.00

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II. CENTREX

A. General

1. Centrex is a central office based service which provides key type features to multi-line business customers.
2. All Centrex lines, trunk access or intra-group access, require both the switching access and loop access components in order for service to be offered by the Telephone Company. When offered via an Internet Protocol (IP) platform, the service also requires a sufficient broadband connection, which is not a tariffed component of this service.
3. Centrex will be offered in wire centers where necessary equipment and facilities exist. For IP Centrex, customers must use IP-capable telephony devices for all features to work properly.
4. One directory listing is provided without charge for each Centrex system. Additional directory listings for Centrex stations may be provided to the customer at the regular business extra listing rate according to the regulations set forth in Section 5 of this tariff.
5. The customer will order the quantity of lines to have trunk access to the public switched network and the remaining quantity of lines to have intra-group only access, subject to Telephone Company standards. Any request to deviate from these standards will be rated on an individual case basis. Any trunk access connections terminating in a PBX will be assessed the PBX rate found in Section 1 of this tariff.
6. Tie lines for direct connections between Centrex groups and other systems are provided primarily for communication between stations within each system.
7. All general Rules and Regulations found in Section 7 of this tariff apply to the provision of Centrex service.
8. Centrex lines and extensions may be terminated at the customer's single premises or at different premises served by the same central office.

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DIGITAL SERVICES

II. CENTREX (Continued)

A. General (Continued)

9. The service is not available for use with residential service or Pay Telephone Access Service.
10. Centrex Service may not be used to resell local or long distance service.
11. E911 Service accessible via IP Centrex Service is subject to limitations as outlined in Section 7. IV.E., General Rules and Regulations.

B. Centrex Package

1. Trunk access provides a maximum quantity of Centrex stations full access simultaneously to the entire public switched network. This maximum quantity is referred to as Centrex Trunk Access lines. IP Centrex customers must order a minimum of one business trunk.
2. Intra-group only access provides a customer's Centrex stations restricted access only to other stations within the predefined Centrex group. This access is referred to as intra-group (IG) lines.
3. Centrex customers subscribe to service based on the total number of access lines or seats which may process trunk access calling simultaneously. All lines ordered by the customer have the capability for trunk access. However, only a given quantity of lines ordered by the customer can process trunk access calling simultaneously.
4. Centrex is equipped with basic components such as abbreviated station-to-station dialing, abbreviated outbound dialing (aka Speed Dialing), line hunting capabilities, and call queuing. IP Centrex also allows customers access to a suite of Unified Communications features. The customer may order additional optional features or feature packages which are listed in Sections 5 and 5A of this tariff.
5. End user taxes, fees and surcharges will be billed as set forth in this or other Company's tariffs. For example, End User Common Line Charges and Access Recovery Charges will be assessed per the Company's Interstate Access Tariff on file with the Federal Communications Commission.

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DIGITAL SERVICES

II. CENTREX (Continued)

C. Definitions

Abbreviated Dialing Codes

1) An arrangement where typically 3, 4, or 5 digits are used to call another station within the same customer group; or (2) Frequently called telephone numbers may be accessed by dialing single or multiple digits. Telephone numbers are programmed into the Centrex system and correspond to assigned digits also known as Speed Calling.

Customer Group

A collection of stations where calls originate and terminate within the Centrex system of a single Centrex customer.

Hunting

A search through a group of numbers until an idle station is found or the first number of the group is reached. Used to avoid having incoming calls receive busy signals. The customer group to be searched and the sequence in which the search will be performed are defined by the Centrex customer at the time the system is installed.

Queue

Incoming or outgoing calls are automatically placed on hold when all lines are busy. Each held call is completed in the order calls were received (i.e., the first call into the system will be the first call served), when the next telephone line becomes available.

Switching Access

All facilities, excluding Loop Access facilities, for usage of the telecommunications switching network either for access to and from the public switched network (Trunk Switching Access), or for intercommunication only between stations within each Centrex system (Intra-Group Switching Access).

Loop Access

All facilities, including outside plant and central office circuit facilities, from the customer's premises to their Centrex service central office.

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