

Service Catalog Tariff No. 2

The services contained in this document are for those exchanges served by TSC's facilities not found in TSC's Tariff No. 2. Please see PUCO Tariff No. 2 for additional information.

Table of Contents

<u>Service</u>	<u>Page Numbers</u>
• Local Exchange Service	2 – 2
• Calling Services	3 – 3
• Directory Services	4 – 4
• Direct Inward Dial Services	5 – 5
• Centrex Services	6 – 10
• Dedicated/Private Line Services	11 – 16
• ISDN PRI Services	17 – 26

**Service Catalog
Tariff No. 2**

LOCAL EXCHANGE BASE RATES

A. Monthly Flat Rate – Trunk and Basic Business Lines

	<u>Trunk</u>	<u>Basic Business*</u>
St. Mary's	\$44.98	\$35.98
Lima	\$64.98	\$43.98
Celina	\$44.98	\$35.98

* Basic business line customers will be eligible for a discount based on their quantity of lines.

	<u>10-25 Lines</u>	<u>26+ Lines</u>
St. Marys	\$31.98	\$27.98
Lima	\$38.98	\$33.98
Celina	\$31.98	\$27.9

B. Monthly Flat Rate – SIP Trunk

SIP (Session Initiation Protocol) Trunking allows customers that have IP telephone systems to combine their voice and data services into a SIP-based trunk rather than use primary rate interface (PRI), T-1 or other types of traditional delivery methods.

	<u>SIP Trunk</u>	
All Exchanges	1-9	\$50.00
	10-19	\$35.00
	20-99	\$30.00
	100-999	\$25.00

*The non-recurring charge (NRC) is \$26.85 for each SIP trunk. It will be adjusted for a new sale on a sliding scale as follows:

- Month to Month Term: Full Installation Charges
- 12 Month Term: 75% of Installation Charges
- 24 Month Term: 50% of Installation Charges
- 36 Month Term: 25% of Installation Charges
- 48 Month Term: No Installation Charges

C. Monthly Flat Rate – SIP Trunk Unlimited

	<u>SIP Trunk Unlimited</u>
All Exchanges	\$50.00+

+ Each SIP Trunk Unlimited will allow for 2,500 LD minutes. Usage over the 2,500 LD minutes will be charged at \$.05 cents per minute.

* \$26.85 Installation Charge per SIP Trunk Unlimited

**Service Catalog
Tariff No. 2**

CALLING SERVICES

CUSTOM CALLING SERVICES - (per month charges, unless otherwise noted)

A. Basic Features

	<u>Business</u>
Basic Call Forward, each line	\$ 2.00
Three-Way Calling, each line	\$ 2.00
Three-Way Calling, per use	\$ 0.50
Speed Calling – Eight Numbers, each line	\$ 2.00
Call Forward Busy, each line	\$ 2.00
Call Forward No Answer, each line	\$ 2.00

B. Enhanced Features

	<u>Business</u>
Three-Way Call Transfer	\$ 3.00
Speed Calling – Thirty Numbers, each line	\$ 5.00
+Personal Ringing, each line	\$ 3.00
+Repeat Redial, each line	\$ 3.00
Repeat Redial, per use	\$ 0.50
+Automatic Call Return, each line	\$ 3.00
Automatic Call Return, per use	\$ 0.50
+Priority Ringing, each line	\$ 3.00
+Selective Call Forward, each line	\$ 3.00
+Selective Call Acceptance, each line	\$ 3.00
+Selective Call Rejection, each line	\$ 3.00
+Anonymous Call Rejection, per line	\$ 3.00
+Do Not Disturb	\$ 3.00
+Telemarketing – Do Not Disturb	\$ 4.00
+Enhanced Telemarketing – Do Not Disturb	\$ 5.00
Remote Call Forwarding	\$ 4.00
+Caller ID Name and Number	\$ 5.00
Hot Line	\$ 2.00
Warm Line	\$ 2.00

+ Features eligible for multi-feature discount. Refer to Tariff No 2. for discount information.

TRUNK HUNTING/ROTARY LINE SERVICE

Trunk hunting/rotary line is a combination of two or more individual lines connected to the same central office so that calls to the listed number overflow to the next available line if the listed number is unavailable. The monthly rate for trunk hunting applies to each line in addition to the regular individual lines.

A. Rates and Charges

Each individual or exchange trunk line arranged for rotary line service, in addition to the charges for the appropriate class and grade of service as specified in the exchange rate section.	<u>Monthly Rate</u> \$2.00
---	-----------------------------------

**Service Catalog
Tariff No. 2**

DIRECTORY SERVICES

DIRECTORY LISTINGS

	<u>Business</u>
Additional Listing, each	\$2.20
Foreign Listing, each	\$1.00
Extra Line Matter, each line	No Charge
Non-Published	\$2.00
Non-recurring Charge (subsequent order)	\$12.25
Non-Listed	No Charge
Non-recurring Charge (subsequent order)	\$12.25

Service charges listed about apply in the following situations:

1. The service charge applies if a customer establishes a non-published telephone number in connection with the establishment of a new service or when there is no change in telephone number.
2. To change from one non-published number to another non-published telephone number
3. To change from a non-published telephone number to a published telephone number.

DIRECTORY ASSISTANCE

	<u>Business</u>
Customer Direct Calls	\$ 0.55
Monthly Local Directory Assistance Allowance	(3)
Each PBX Trunk Line Allowance	(3)
Busy Line Verification*	\$ 0.50
National Directory Assistance	\$ 0.95

*The charge is not applicable if the operator finds that the line verified is in a trouble condition.

**Service Catalog
Tariff No. 2**

DIRECT INWARD DIAL TRUNKS (DID)

1. Direct inward dialing service (DID) provides the central office switching equipment necessary for inward dialing directly to the telephone stations served by the switching equipment located on the customer's premise.
2. Direct inward dialing is provided from telephone company central office trunk lines to customer premises Telephone Company dial PBX systems and customer-provided PBX systems that are equipped for DID operation.
3. Direct inward dialing to PBX systems is provided subject to the availability of central office facilities and telephone numbers.
4. The initial contract period for direct inward dialing is three years. Termination of service before expiration of this period shall result in termination liability as set forth below.
5. Direct inward dialing service is based on the use of standard equipment. If nonstandard equipment is requested, rates based on cost involved will be provided.
6. Customer-provided PBX systems will provide the intercept for assigned DID station numbers that are unused.
7. The following rates and charges are in addition to the rates and charges that are applicable for PBX trunks and involved central office switching equipment arranged for DID.

A. Central Office Line Termination, per trunk

	<u>Monthly</u>	<u>Non-Recurring Charge</u>
1. Each Group of 10 DID Numbers or Fraction Thereof*	\$ 2.00	See Bus. Svc. Chgs. Tariff No. 2
2. Each Group of 100 DID Numbers 36 Month Contract	\$ 17.00	See Bus. Svc. Chgs. Tariff No. 2
3. Each DID Trunk Termination in Central Office	\$ 17.00	See Bus. Svc. Chgs. Tariff No. 2
4. Termination Liability		\$250.00

* Includes DID Reserve Numbers

Note: Rates for DID Service are in addition to the charges for the associated Trunk Lines.

FOREIGN EXCHANGE DIRECT INWARD DIAL TRUNKS (FX DID)

The service allows Hospitals and Nursing Homes to host TSC numbers in their phone systems (PBX, Call Manager, and etc.) that reside outside of TSC's exchange serving area. These DID numbers can be utilized by select facilities to provide local calling and E911 service, that is provisioned from the Call Manager Phone System, for their patients and/or residents. It will also permit patients and residents to keep their same home number when they are residing at these facilities.

Single Number (No range guarantee):	\$2.50
10 DIDs	\$18.00
100 DIDs	\$48.00

*\$26.85 Installation Charge per DID group.

**Service Catalog
Tariff No. 2**

CENTREX

General

Centrex service is furnished subject to the availability of facilities, features and central office equipment in locations as determined by the Company.

- A. The service is furnished from digital central office equipment located on Company premises and associated facilities so arranged as to provide the following service features:
- (1) Direct-Inward Dialing (DID) and (Direct-Outward Dialing (DOD) of exchange and long distance message network calls to and from stations and attendant positions of a Centrex system. This includes one seven-digit access number, per line.
 - (2) Intercommunications calls between stations of the same Centrex system.
 - (3) Identified-Outward-Dialing (IOD) by station number of outgoing long distance message calls dialed by a station. Only calls billed to the subscriber by this company will be provided this identification.
 - (4) Common recorded announcement interception of calls to unassigned station numbers.
 - (5) Station Line Hunting.
 - (6) Touch Tone Service
- B. Each Centrex line may be arranged for two-way, one-way incoming or one-way outgoing operation depending upon the option chosen by the customer at the time the line is installed. When a change in the operation is requested by the customer, the appropriate service charges as specified in Tariff 2 apply per line affected.
- C. A Centrex system may be comprised of the following components:
Centrex Station Lines (including the outside plant facility)
Features
Telephones
Attendant Lines (including the outside plant facility)
Attendant Console Support Equipment
Attendant Console(s)
- D. Centrex service is not provided in association with public or semi-public telephone service.
- E. Centrex service may be provided in trunks
- F. Certain auxiliary services may be available on an individual Centrex station line and are subject to the capabilities of the serving central office.

Service Catalog
Tariff No. 2

CENTREX (Cont.)

- G. Service charges as specified in Tariff 2 apply to all Centrex station line installations, customer requested moves, changes and rearrangements performed by the Company.
- H. The rate for Centrex service in an FX area is the monthly rate for the Centrex service desired, plus an FX charge.
- I. The lines for direct connections between a Centrex system and other systems are provided primarily for communications between stations of the two systems. In such cases, rate and charges for the tie line services. In addition, these tie line connections may be arranged to provide completion of incoming or outgoing local and long distance calls through the Centrex system to or from other systems (Centrex or Non-Centrex) provided such connections to the exchange or long distance network are only made at one system at a time.
- J. Rates and charges for DID Service will apply when the customer requests a guarantee of consecutive numbers.
- K. The applicable end user charges will apply to each Centrex station.
- L. A system may not be provided for intercommunication (stand alone) service only. Access to the exchange network must be provided.
- M. Directory Listings will be furnished subject to the rates and regulations specified in this document.
- N. Centrex Service will be provided on a month-to-month basis at the rates as specified in this document. The initial service period for Centrex Service is a minimum of one month, commencing with the date of installation of the service.
- O. All Centrex features are available only to lines utilizing Touch Tone signaling.
- P. Centrex Service is available at a maximum distance of 12,000 feet from the Company's central office. Centrex Service provided at further distances will only be available at additional charges based on the special service arrangements required.
- Q. All exchange lines in a Centrex system must be served by the same central office and have the same billing arrangement.
- R. At the option of the Company and subject to the availability of facilities, alternative transmission facilities may be provided on a special assembly basis.

Service Catalog
Tariff No. 2

CENTREX FEATURE PACKAGES

a. **BASIC FEATURE PACKAGE**

The basis feature package will include, but not be limited to, the following features:

- (1) **Station Features**
 - Automatic Line
 - Call Forward
 - *All Calls
 - *Busy
 - *No Answer
 - Call Pickup
 - Call Pickup Datafill Enhancements
 - Call Waiting
 - Consultation Hold
 - Cancel Call Waiting
 - Preset Conference
 - Meet-Me Conference
 - Ring Again
 - Speed Calling
 - Station Call Park
 - Station Code Call Access
 - Station Controlled Conference Access (Six Ports Max)
 - Station-to-Station Dialing
 - Three-Way Conference/Transfer
- (2) **System Features**
 - Attendant Service (local/Remote Consoles)
 - Class-of-Service Restrictions
 - Code call Access
 - Code Restrictions
- (3) **Attendant Features**
 - Attendant Access to Paging
 - Attendant Autodial
 - Attendant Call Park Recall Timer
 - Attendant Call Selection
 - Attendant Camp-on
 - Attendant Conference (Max. six Conferees)
 - Attendant Console Display
 - Attendant Control of Trunk Group Access
 - Attendant Locked Loop Operation
 - Attendant Release Upon Completion of Dialing
 - Attendant Speed Calling
 - Attendant to Recorded Announcement
 - Attendant Transfer
 - Automatic Recall

Service Catalog
Tariff No. 2

CENTREX FEATURE PACKAGES (Cont.)

Busy Verification
Call Hold
Call Park
Code Calling Line Termination
Console Test
Interposition Calls and Transfer
Lockout
MAP Display for Attendant
Operational Measurements
Multiple Console Operation
Multiple Listed Directory Numbers
Position Busy
Secrecy
Serial Call
Trunk Group Busy Indication
Two-Way Splitting
Uniform Call Distribution from Queue
Wild Card Key

b. ENHANCED BUSINESS FEATURES

The enhanced Business Feature Package is available only in conjunction with the Basic Feature Package and will include, but not be limited to, the following features:

- (1) Attendant Features
Attendant Display of Queued Calls by ICI Key Flexible Console Alerting.
- (2) System Features
Audio Input on Incoming Calls in Queue
(Attendant and Uniform Call Distribution)
Distinctive Ringing
ESN-Variable Types of out pulsing on Same Call
Executive Busy Override
Intergroup calling
Last Number Redial
Uniform Call Distribution

c. VIRTUAL FACILITY GROUPS

The virtual facility group package will include, but not be limited to the following features:

Attendant Control of Virtual Facility Groups
Off-Hook Queue, Call Back Queue for OUTWATS
Virtual Facility Groups
VFG Trunk Group Busy on Attendant Console

**Service Catalog
Tariff No. 2**

CENTREX RATES AND CHARGES

A. Centrex Access (Per Line)

	<u>Monthly Rate</u>
2-25 Lines	\$33.00
26-50 Line	\$31.00
Over 50 Lines	\$29.00

B. Centrex Attendant Line (including the outside plant facility)

a.	First line, per console	\$34.80
b.	Each additional line terminating on same Console (maximum of 6)	\$6.00

C. FEATURE PACKAGE

	<u>Monthly</u>
(1) Basic Feature Package	\$4.25 per line*
(2) Enhanced Business Features	\$2.00 per line*
(3) Virtual Facility Groups	\$4.30 per group
(4) CLASS features (Per Line)	See Tariff 2

*(In addition to Centrex Access)

D. DISCOUNT SCHEDULE

The following long term service commitment discounts apply to both the nonrecurring installation charges and the monthly recurring Centrex line charges:

<u>Service Term</u>	<u>Discount</u>
3 years	7%
5 years	12%
7 years	19%

If the customer cancels or downgrades Centrex service after installation of the service but prior to the completion of the service term, the customer shall be obligated to reimburse Telephone Service Company the amount of any and all discounts the customer received through the about discount schedule.

Commission approval of the above termination liability language is not intended to indicate that the Commission has sanctioned any particular legal result should a dispute arise between the parties. In the event of a dispute, signatories to such agreements may pursue whatever legal remedies they deem appropriate to resolve the dispute.

**Service Catalog
Tariff No. 2**

VOICE GRADE PRIVATE LINE CABLE FACILITY

A. General

This service provides the customer with a point-to-point cable pair capable of handling voice communications and/or signaling applications. It is a non-conditioned service and is not intended, nor will be maintained, to support the transmission of data service (s).

Use for other than voice or signaling (i.e. data transmission) are prohibited, not maintained and will be disconnected. Multiplexing of the circuit(s) is also prohibited. Allowable uses include, but are not limited to, voice paths, control circuits, radio transmitter control utilizing various voltage drops, etc. However, the Company reserves the right to disallow the connection of devices that use excessively high voltage or current which would either interrupt other customers' service or cause the malfunction of Telephone Service Company equipment and or/cable facilities.

The service is provisioned on a point-to-point basis. In most cases, two (2) facilities will be required to provide service. In order to connect two customer locations, the facilities will normally run via the telephone company central office. Thus, one facility will be required from customer location A to the central office and a second facility will be required from the central office to customer location B. Additionally, the service is furnished subject to the availability of facilities, features and central office equipment in locations as determined by the company.

Distance between locations is measured on a per quarter mile airline measurement basis. Each leg of the facility will have a minimum of one (1) mile. Additional length will be in quarter mile increments rounded up to the nearest quarter mile.

a. Rates

	<u>Monthly Rate</u>	<u>Non Recurring Charge</u>
For each cable pair- First mile or fraction thereof	\$6.80	\$35.00
For each additional Quarter mile or Fraction thereof	\$1.70	n/a

**Service Catalog
Tariff No. 2**

PRIVATE LINE RATES AND CHARGES – SPECIAL ACCESS

Voice Grade Service

	<u>Exchange</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination:			
- Two-Wire	Lima	\$41.71	\$230.00
- Two-Wire	St. Mary's/Celina	\$37.54	\$230.00
- Four-Wire	Lima	\$66.74	\$230.00
- Four-Wire	St. Mary's/Celina	\$60.07	\$230.00
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile:			
	Lima	\$2.97	
	St. Mary's/Celina	\$2.67	
(2) Channel Mileage Termination Per Termination:			
	Lima	\$29.86	
	St. Mary's/Celina	\$26.87	

Digital Data Service

	<u>Exchange</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination:			
- 2.4 kbps	Lima	\$76.98	\$240.00
- 2.4 kbps	St. Mary's/Celina	\$69.28	\$240.00
- 4.8 kbps	Lima	\$76.98	\$240.00
- 4.8 kbps	St. Mary's/Celina	\$69.28	\$240.00
- 9.6 kbps	Lima	\$76.98	\$240.00
- 9.6 kbps	St. Mary's/Celina	\$69.28	\$240.00
- 19.2 kbps	Lima	\$76.98	\$240.00
- 19.2 kbps	St. Mary's/Celina	\$69.28	\$240.00
- 56.0 kbps	Lima	\$76.98	\$240.00
- 56.0 kbps	St. Mary's/Celina	\$69.28	\$240.00
- 64.0 kbps	Lima	\$76.98	\$240.00
- 64.0 kbps	St. Mary's/Celina	\$69.28	\$240.00

**Service Catalog
Tariff No. 2**

Digital Data Service (cont.)

	<u>Exchange</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(B) Channel Mileage			
(1) Channel Mileage Facility			
Per Mile:			
- 2.4 kbps	Lima	\$2.82	
- 2.4 kbps	St. Mary's/Celina	\$2.54	
- 4.8 kbps	Lima	\$2.82	
- 4.8 kbps	St. Mary's/Celina	\$2.54	
- 9.6 kbps	Lima	\$2.82	
- 9.6 kbps	St. Mary's/Celina	\$2.54	
- 19.2 kbps	Lima	\$2.82	
- 19.2 kbps	St. Mary's/Celina	\$2.54	
- 56.0 kbps	Lima	\$4.00	
- 56.0 kbps	St. Mary's/Celina	\$3.60	
- 64.0 kbps	Lima	\$4.00	
- 64.0 kbps	St. Mary's/Celina	\$3.60	
(2) Channel Mileage Termination			
Per Termination:			
- 2.4 kbps	Lima	\$28.36	
- 2.4 kbps	St. Mary's/Celina	\$25.52	
- 4.8 kbps	Lima	\$28.36	
- 4.8 kbps	St. Mary's/Celina	\$25.52	
- 9.6 kbps	Lima	\$28.36	
- 9.6 kbps	St. Mary's/Celina	\$25.52	
- 19.2 kbps	Lima	\$28.36	
- 19.2 kbps	St. Mary's/Celina	\$25.52	
- 56.0 kbps	Lima	\$40.20	
- 56.0 kbps	St. Mary's/Celina	\$36.18	
- 64.0 kbps	Lima	\$40.20	
- 64.0 kbps	St. Mary's/Celina	\$36.18	

**Service Catalog
Tariff No. 2**

High Capacity Service

	<u>Exchange</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination			
Per Termination:			
- DS1 1.544 Mbps	Lima	\$178.63	\$251.00
- DS1 1.544 Mbps	St. Mary's/Celina	\$160.77	\$251.00
- Capacity of 1 DS3 44.736 Mbps Interface	Lima	\$2,072.10	
	St. Mary's/Celina	\$1,864.89	
- per DS3 Channel Installed			\$251.00
- Capacity of 3 DS3 44.736 Mbps Interface	Lima	\$1,585.16	
	St. Mary's/Celina	\$1,426.64	
- per DS3 Channel Installed	Lima	\$1,232.90	\$251.00
	St. Mary's/Celina	\$1,109.61	\$251.00
- Capacity of 6 DS3 44.736 Mbps Interface	Lima	\$2,983.83	
	St. Mary's/Celina	\$2,685.45	
- per DS3 Channel Installed	Lima	\$1,160.38	\$251.00
	St. Mary's/Celina	\$1,044.34	\$251.00
- Capacity of 12 DS3 44.736 Mbps Interface	Lima	\$4,848.73	
	St. Mary's/Celina	\$4,363.86	
- per DS3 Channel Installed	Lima	\$ 942.81	\$251.00
	St. Mary's/Celina	\$ 848.53	\$251.00

**Service Catalog
Tariff No. 2**

High Capacity Service (cont.)

		<u>Exchange</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(B)	Channel Mileage			
	(1) Channel Mileage Facility			
	Per Mile:			
	- 64 kbps	Lima	\$4.00	
	- 64 kbps	St. Mary's/Celina	\$3.60	
	- 1.544 Mbps	Lima	\$19.34	
	- 1.544 Mbps	St. Mary's/Celina	\$17.41	
	- 44.736 Mbps	Lima	\$133.12	
	- 44.736 Mbps	St. Mary's/Celina	\$119.81	
	(2) Channel Mileage Termination			
	Per Termination:			
		<u>Exchange</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
	- 64 kbps*	Lima	\$40.20	
	- 64 kbps	St. Mary's/Celina	\$36.18	
	- 1.544 Mbps	Lima	\$95.34	
	- 1.544 Mbps	St. Mary's/Celina	\$85.81	
	- 44.736 Mbps	Lima	\$531.00	
	- 44.736 Mbps	St. Mary's/Celina	\$477.90	
(C)	Term Discounts			
	DS1 and DS3 Services		<u>Percentage</u>	
	36 Months		10%	
	60 Months		20%	

* Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

**Service Catalog
Tariff No. 2**

High Capacity Service (cont.)

	<u>Exchange</u>	<u>Monthly Rate</u>	<u>Nonrec. Charge</u>
(D) Optional Features and Functions			
(1) Multiplexing, per arrangement			
DS3 to DS1	Lima	\$474.31	
DS3 to DS1	St. Mary's/Celina	\$426.88	
DS1 to Voice **	Lima	\$183.12	
DS1 to Voice **	St. Mary's/Celina	\$164.81	
DS1 to DS0	Lima	\$183.12	
DS1 to DS0	St. Mary's/Celina	\$164.81	
DS0 to subrates			
- Up to 20 2.4 kbps services	Lima	\$390.00	
- Up to 20 2.4 kbps services	St. Mary's/Celina	\$351.00	
- Up to 10 4.8 kbps services	Lima	\$265.00	
- Up to 10 4.8 kbps services	St. Mary's/Celina	\$238.50	
- Up to 5 9.6 kbps services	Lima	\$235.00	
- Up to 5 9.6 kbps services	St. Mary's/Celina	\$211.50	
(E) DSL Access Service Connection			
- per 1.544 Mbps	Lima	\$180.00	\$170.00
- per 1.544 Mbps	St. Mary's/Celina	\$162.00	\$170.00
- per 44.736 Mbps	Lima	\$1,250.00	\$555.00
- per 44.736 Mbps	St. Mary's/Celina	\$1,125.00	\$555.00

** A channel of this DS1 to the Hub can be used for digital Data service.

**Service Catalog
Tariff No. 2**

ISDN - PRIMARY RATE INTERFACE (PRI)

A. GENERAL DESCRIPTION

1. Advanced Digital Services are a public network-based set of communications services that make it possible to send and receive digital information using regular telephone facilities. These services provide end-to-end digital communications with the ability to transmit data and voice over the same telephone line simultaneously. For example, a user can speak with a person while simultaneously sending a digital file to their personal computer. This functionality is based on the Integrated Services Digital Network (ISDN) technology and conforms to National ISDN standards.

The ISDN architecture provides two access methods that connect customers' premises to network switching systems. Basic Rate Interface (BRI) lines are typically used when a customer wants small quantities of digital connections to the network. Primary Rate Interface (PRI) facilities are typically used when a customer wants large quantities of digital connections to the network. BRI lines are used for both residential and business, while PRI facilities are typically used for business only. Advanced Digital Services using the Primary Rate Interface are the subject of this document.

2. Advanced Digital Services PRI is an optional Service arrangement that can be used in conjunction with a customer's business lines or Centrex service. It can also be used in conjunction with, or in place of, a customer's Private Branch Exchange trunks. This service arrangement uses the SIDN architecture to provide the customer with the capability to transmit voice and data simultaneously over the same digital facility. Under various optional arrangements, Advanced Digital Services PRI provides the customer with access to Circuit-Switched Voice Services and Circuit-Switched Data Services. In general, this document addresses standardized National ISDN-2 (NI-2) capabilities and features.

Service Catalog

Tariff No. 2

B. PRIMARY RATE INTERFACE SERVICE ARRANGEMENT

1. An advanced Digital Services PRI Service Arrangement connects an ISDN-capable Telephone Company central office switch to ISDN-capable Class II Customer Premise Equipment (CPE). Depending on the application, that CPE might be a PBX, a router, a multiplexer, etc. The PRI Service Arrangement supports up to five PRI Access Facilities, each with up to twenty-four digital communications channels. These communications channels can be either B (Bearer) Channels or D (Data) Channels:
 - a. **B Channel** – The B Channel is a bi-direction synchronous channel capable of supporting digital transmission speeds of 64 kilobits per second (kbps). Each B Channel of an Advanced Digital Services PRI may carry:
 2. Circuit-Switched Voice
 3. Circuit-Switched Data
 - b. **D Channel** – The D Channel is a 64 KBPS digital signaling channel that carries signaling and control for the B Channels
1. **Primary Rate Access Facility** – The Primary Rate Access Facility provides a high-capacity digital link over which the Advanced Digital Services PRI capabilities are delivered. This facility is based on a 1.544 Mbps DS1 carrier (T1 facility). The typical PRI Access Facility configuration is known as 23B+D, where twenty-three of the channels are B Channels and one is a D Channel.
2. **Multiple PRI Facility Arrangement** – There may be situations where more than 23 B Channels are needed at a particular customer premise. In those situations, multiple PRI facilities can be assigned to an Advance Digital Services PRI Service Arrangement. With the Multiple PRI Facility Arrangement, the D Channel in the first PRI facility is used to transport signaling for up to four additional PRI facilities. The first facility would be configured as 23B+D and the other facilities would be configured as 24B. This use of Non-Facility Associated Signaling (NFAS) allows the overhead of the D Channel to be distributed over a maximum of 119 B Channels (up to 5 PRI facilities), thereby increasing channel efficiency.
3. **D Channel Backup** – In Multiple PRI Facility Arrangements, a second D Channel can be assigned (where available) as an automatic backup to the primary D Channel to provide redundancy of the signaling channel.

C. CIRCUIT-SWITCHED SERVICE DESCRIPTIONS

Circuit Switching is a switching arrangement in which an entire circuit or B Channel is dedicated to a given call. The circuit is connected on a per-call basis and can carry circuit-switched voice or circuit-switched data. Circuit-switched related services include:

1. **Clear Channel Capability** – This feature is a characteristic of the transmission paths on the B Channel that allows the full bandwidth of 64 kbps to be available to the customer. This feature is applicable to CPE that supports clear channel capability. Rate adaptation to 56 kbps is supported for CPE that does not support clear channel capability.
2. **Dedicated Trunk Groups** - The B Channels of an Advanced Digital Services PRI can be dedicated for calls to and from the public network. Trunk Group types include Incoming, Outgoing, 2-way, Direct Outward Dialing (DOD) or Direct Inward Dialing (DID).

Service Catalog Tariff No. 2

ISDN PRI (Cont.)

3. **Primary Rate Call-by-Call Service** – The Primary Rate Call-by-Call feature offers access to additional services via the B Channel of an Advanced Digital Services PRI. These additional services include:
 - Foreign Exchange
 - Tie Trunk

With this feature, any B Channel can be used to offer the above services on a per-call basis, in addition to supporting trunk calls to/from the public network (i.e. DOD/DID).

Simulated Facility Groups (SFG) are used to control the number of B Channels that can be used for a particular service or fall calls to the public network. The SFG is a logical relationship between the services (or public network calls) and the number of B Channels. Any B Channel may be used for any service (or for public network calls) provided the actual number of calls currently active for that service does not exceed the maximum-allowed value associated within the SFG.

4. **Multiple Directory Numbers** – Each Advanced Digital Services PRI facility includes an individual directory number. Additional directory numbers, a range of directory numbers, or several ranges of directory numbers can be optionally added.
5. **Caller ID-Number** – This feature allows the central office and the customer's suitably equipped CPE to communicate the calling party's directory number. On calls carried by the Advance Digital Services, PRI, the number can then be made available to be displayed on a properly equipped telephone set or adjunct equipment.
6. **Caller ID-Name** – This feature allows the central office and the customer's suitably equipped CPE to communicate calling party name information (Associated with the calling party's directory number) on calls carried by the Advanced Digital Service PRI. The name can then be made available to be displayed on a properly equipped telephone set or adjunct equipment.

D. TECHNICAL SPECIFICATIONS

Transmission Specifications – The Primary Rate Access Facility provides a high-capacity digital link over which Advanced Digital Services PRI is delivered. This facility is based on a 1.544 Mbps DS1 carrier (T1 facility)

1. **Customer Premise Equipment and Facilities** – Compatible customer premise 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 Bellcore specifications:

**Service Catalog
Tariff No. 2**

ISDN PRI (Cont.)

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

The Telephone Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Telephone Company used in the provisioning of Advanced Digital Services render any facilities provided by the customer obsolete or require modification of such equipment or system, or otherwise affect its use or performance.

E. REGULATIONS AND CONDITIONS

2. Unless specifically exempted, Advanced Digital Services shall be subject to all general regulations applicable to the provision of service by the Telephone Company.
3. Advanced Digital Services PRI provided at the option on the Telephone Company. These services are furnished subject to central office switching capacity, capability, and the availability of outside plant facilities.
 - a. The availability, functionality, and capabilities of Advanced Digital Services PRI may vary, or may not be available, dependent upon type of serving central office switch, related software controlling that switch, and associated outside plant.
 1. Where facilities are not available, or unusual expenditures are involved in making them available, the customer may be required to pay additional charges to cover the unusual expenditure, or to contract for services beyond the normal service term, or both.
4. Payment for Service
 - a. The minimum charge period for services is one month.
 - b. The customer may choose to pay for the service on a month-to month basis or on a long-term service contract basis. A customer on month-to-month payment may, at any time, convert to a service contract plan.

**Service Catalog
Tariff No. 2**

ISDN PRI (Cont.)

- c. The monthly rate for customers choosing the service period plan is guaranteed against Telephone Company initiated changes during the selected service contract period.
- d. Subsequent service additions will be rated under a new contract or added to any existing contract, based upon the remaining period of the initial contract.
- e. Suspension of service is not allowed
- f. Contract Renewals and Termination Liabilities.
 - 1. Customers may change to a new Advanced Digital Services contract at any time during their contract period. The new contract must be for a term equal to, or greater than, the time remaining on their current contract and will become effective upon execution.
 - 2. If the service is canceled by the customer after installation of the service, but prior to the completion of the service period, the customer shall be obligated to reimburse Telephone Service Company the amount of any discounts he/she received when application for service was originally made.
 - 3. Commission approval of the above termination liability language is not intended to indicate that the commission has sanctioned any particular legal result should a dispute arise between the parties. In the event of the dispute, signatories to such agreements may pursue whatever legal remedies they deem appropriate to resolve the dispute.
- 5. At the Telephone Company's discretion, the following charges may be reduced or waived during promotional campaigns and/or as part of customer negotiations:
 - a. Nonrecurring per PRI Access facility service establishment charge
 - b. Nonrecurring per Communications Channel service establishment charge
 - c. Nonrecurring Call-to-Call feature service establishment charge
 - d. Nonrecurring Caller ID service establishment charge
- 6. Directory Listings: One directory listing is provided without charge for each Advanced Digital Services PRI facility. For Centrex customers, one directory listing (either an analog or Advanced Digital Services PRI number) is provided per Centrex system. Additional listings may be provided as specified for Additional Listing Service in the Directory Listings section of this document.

Service Catalog
Tariff No. 2

ISDN PRI (Cont.)

7. Billable Call Treatment
 - a. Normal toll charges shall apply to calls that are made outside the Local Service Area.
 - b. Advanced Digital Services customers who use the Call Forwarding or Call Transfer features are responsible for the payment of any applicable charges for each billable call connected via these features over the public network. The charge is applicable to each call answered, including the Call Forwarding set-up call. It also applies to collect and person-to-person calls, which may be refused at the answering station.

8. Customer Premise Equipment
 - a. This document does not include terminal equipment on the customer's premises. Terminal equipment may be covered under a separate document or tariff, sold or leased separately by the Telephone Company (under a separate contract), or may be provided by the customer.

 - b. The customer is responsible for providing the power required for any customer premise equipment connected to an Advance Digital Services PRI.

9. Education Applications: Public educational institutions and accredited private educational institutions may obtain a 25% discount on the rates for Advanced Digital Services lines that are used predominantly for education or distance learning purposes.

10. The telephone Company shall not be liable for any loss or damages arising out of error, interruptions, defects, failure, or malfunctions of Advanced Digital Services or associated equipment. Damages arising out of such interruptions, defects, failures, or malfunctions or the services after the Telephone Company has been notified, and has reasonable time for repair, shall in no event exceed an amount equivalent to the charges made for the service affected for the period following notice from the customer until service is restored.

**Service Catalog
Tariff No. 2**

ISDN PRI (Cont.)

F. RATES AND CHARGES

1. Advanced Digital Services PRI Access

1. The rates and charges below are for providing an Advanced Digital Services PRI access facility to the customer's premises. These charges provide the underlying communications facility to support a PRI Service Arrangement. Rates and charges for the communications channels (i.e., B and D Channels) are additional.

<u>Access</u>	<u>Service Establishment</u>	<u>Monthly Rate</u>
Advanced Digital Services PRI access	\$460.00	\$296.72

--per facility.

2. Communications Channels

a. Flat Rate:

1. Service establishment and recurring monthly charge for B Channels:

<u>Service Element</u>	<u>Service Establishment</u>	<u>Monthly Rate</u>
23 B Channels plus D Channel	\$700.00	\$635.00
Additional 24 B Channels (Multiple PRI facility arrangement)	\$700.00	\$635.00

b. D Channel Backup

<u>Service Element</u>	<u>Service Establishment</u>	<u>Monthly Rate</u>
D Channel Backup (maximum one Per PRI Service Arrangement)	\$150.00	\$50.00
 <u>Directory Number</u>		
Primary Directory Number (one with each Advanced Digital Services PRI facility)	No charge	No charge

**Service Catalog
Tariff No. 2**

ISDN PRI (Cont.)

	<u>Service Establishment</u>	<u>Monthly Rate</u>
Additional DID Directory Number (per additional DN)	No charge	\$0.50

3. Circuit-Switched Features

a. Recurring charges as follows:

<u>Feature</u>	<u>Service Establishment</u>	<u>Monthly Rate</u>
Clear Channel Capability	No charge	No charge
Call-by-Call Capability for Public network calls (incoming, outgoing, or 2- way trunk calls)	No charge	No charge
Call-by-Call Capability for DID (per DID simulated Facility in PRI Service Arrangement)	\$20.00	\$15.00
Call-by-Call Capability For FX (per FX facility/ /simulated facility in PRI Service Arrangement). This does not include the cost of the FX facilities between CO's.	\$20.00	\$12.00

**Service Catalog
Tariff No. 2**

ISDN PRI (Cont.)

	<u>Service Establishment</u>	<u>Monthly Rate</u>
Call-by-Call Capability for Tie Facility (per Tie/facility Simulated facility in PRI Service Arrangement) This does not include the cost of the Tie facilities between CO's.	\$20.00	\$12.00
Caller ID – Name & Number (per PRI Facility)	\$20.00	\$90.00

2. Subsequent feature additions and changes

When the above features are ordered or modified after the initial installation of an Advance Digital Service PRI, the nonrecurring feature addition and change charge is as follows:

	<u>Charge</u>
Feature Additions and Changes (per PRI facility)	\$50.00

Only one service charge will appear when multiple features are added or changed on an Advanced Digital Services PRI facility as part of the same service order.

**Service Catalog
Tariff No. 2**

ISDN PRI (Cont.)

4. Long Term Contract Discounts

The nonrecurring service establishment charges associated with Advance Digital Services PRI Circuit-Switched Services, and Circuit-Switched Features, will automatically be reduced according to the following schedule for customers who sign long term contracts:

<u>Contract Duration</u>	<u>Discount on Service Establishment Charges</u>
Monthly	0%
12 Months	20%
24 Months	40%
36 Months	60%
48 Months	80%
60 Months	100%