

GENERAL AND LOCAL EXCHANGE TARIFF

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CUSTOM CALLING SERVICES

FEB 7 1996

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Public Service Commission
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REMOTE CALL FORWARDING SERVICEMISSOURI
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A. General

1. Remote Call Forwarding (RCF) Service allows all calls dialed to a telephone number equipped for RCF Service to be automatically forwarded to another dialable telephone number. The RCF customer is the called party who receives the automatically forwarded call.
2. The telephone number equipped for RCF Service is hereinafter referred to as an RCF number.

B. Conditions

1. RCF Service is offered subject to the availability of suitable facilities and is limited to central offices specifically equipped to provide RCF Service.
2. The RCF customer and the RCF number must be located either within the same local exchange, or the RCF customer must be located beyond the local calling area of the RCF number. The RCF number may not terminate in an exchange which is an EAS point of its local exchange.
3. Normal grade end-to-end transmission is not guaranteed because transmission characteristics may vary depending on distance and routing to complete the forwarded portion of the call.
4. RCF Service is not suitable for satisfactory transmission of data.
5. RCF Service is not offered when the answering location for a forwarded call is a coin/coinless station.
6. The Call Forwarding feature of Vertical Services will not be offered as a feature at the answering location.
7. The Company will not provide identification of the calling party number to the RCF customer.

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B. Conditions (Cont'd)

8. The Company will provide one alphabetical directory listing, without charge, for each RCF Service. Additional directory listings may be provided at the rates specified elsewhere in this Tariff.
9. Each RCF Service allows for forwarding one call at a given time. An additional service is necessary for each additional call to be forwarded simultaneously.
10. RCF Service will only be provided when, in the judgement of the Company, the customer subscribes to sufficient RCF Service at the answering location to adequately handle calls without interfering with or impairing any services offered by the Company.
11. The minimum contract period for RCF Service is three months.

C. Rates and Charges

1. The following rates apply for the RCF feature only and are in addition to Service Charges, toll and local charges specified in applicable tariffs:

	<u>Monthly Rate</u>		
	<u>Business</u>	<u>Residence</u>	
a. Remote Call Forwarding Service, when both the RCF number and the RCF customer are located either within or outside the same exchange:	\$16.00	\$16.00	(T) (D)

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C. Rates and Charges (Cont'd)

2. For that portion of the call between the calling party and the RCF number:
 - a. The calling party is responsible for payment of the applicable charges to call the RCF number.
 - b. On collect calls, the RCF customer is responsible for payment of the applicable charges if the answering location accepts the forwarded call.
3. For the portion of the call between the RCF number and the answering location:
 - a. The RCF customer is responsible for payment of applicable intrastate or interstate customer dialed station-to-station toll message charges for each call. The toll message charge applies to all forwarded calls, including person-to-person and collect calls, even though they may not be accepted at the answering location.

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VERTICAL SERVICES

A. General

1. Vertical Services consist of one or more of the following features which provide special kinds of customer controlled or prearranged and fixed communications features on individual access lines. Vertical Services are available only through central offices which, at the Company's option, are appropriately equipped. Operating specifics may vary by central office equipment type but can be described generally as:
 - a. These services may be provided only in conjunction with individual line residence and business services and some multiline services. Party line customers, PBX customers, Semi-public and Public Telephone Services are excluded from Vertical Services.

B. Feature Descriptions

1. Automatic Call Back - is an arrangement which permits the customer to redial automatically the last number dialed. If the called line is found to be busy, a 30-minute queuing process begins. The customer is then given an indication that the network will attempt to set up the call when the called line is idle. The network periodically tests the busy/idle status of the called line until both lines are found idle, the customer cancels the request, or the queuing process expires. If both lines are found to be idle, the calling party is alerted with a distinctive ring signifying that the call can now be completed. (T)
2. Automatic Recall - allows a customer to automatically return the last incoming call whether it is answered or not. Upon activation of the feature, the number of the most recent party who called is dialed automatically. If the called line is found to be busy, a 30-minute queuing process begins. The customer is given an indication that the network will attempt to set up the call when the called line is idle. The network periodically tests the busy/idle status of both parties until both lines are found idle, the customer cancels the request, or the queuing process expires. If both lines are found to be idle, the calling party is alerted with a distinctive ring signifying that the call may now be completed. (T)

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B. Feature Descriptions (Cont'd)

3. Selective Call Rejection - allows a customer to block incoming calls from a maximum of 12 telephone numbers. The customer also can block incoming calls placed from the last calling number even if the number is unknown to the customer. Blocked calls are routed to a recorded announcement which specifies that the called party is not accepting calls. (T)

4. Call Forward - Permits the customer to have all incoming calls to his line automatically transferred to another dialable telephone number, while this service feature is activated. Where a toll message charge is applicable to a call between the customer's telephone and the telephone number to which calls are to be forwarded, such charges will be billed to the Call Forwarding customer. (T)

(D)
(D)

(D)

(D)

NOTE: The grade of transmission on calls forwarded and three-way calling may vary upon the distance and routing required to complete such calls; therefore, the normal grade of end-to-end transmission cannot be guaranteed on such calls.

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B. Feature Descriptions (Cont'd)

5. Anonymous Call Rejection (ACR) - Allows customer to reject calls for which call name/number has been intentionally blocked. Rejected calls are sent to a recording. This feature is only compatible with calls originating in and terminating to a network equipped with the appropriate signaling connections. This feature is available only where switching equipment is compatible.

(D)

(N)

(N)

(D)

6. Call Transfer (UTF) - Allows users to transfer a call to another directory number and then drop out of the call, leaving the other two parties connected. A subscriber must have Three Way Calling (3 WC) and Call Transfer (UTF) station options to use this feature. This feature is activated by depressing the hookswitch for about one second which places the existing call on hold and returns dial tone to the subscriber. The subscriber then dials the directory number of the person to whom the call is being transferred. When the third party answers, the subscriber can talk privately before connecting the other call if desired. If not, the subscriber can hang up and the calls will be connected. Any chargeable (long distance) calls originating by the subscriber for the transfer will be billed to the subscriber even if the subscriber drops out of the call.

(D)

(N)

(D)

(N)

(D)

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B. Feature Descriptions (Cont'd)

7. Reserved for Future Use.

(D)

(D)

8. Call Forwarding Busy Line/No Answer - This service permits the customer to have incoming calls transferred to another telephone number when his number is busy and/or not answered after a specified number of rings. The customer is responsible for the establishment and change of the forwarded telephone number destination. The customer is also responsible for feature (Busy, No Answer or Busy/No Answer) activation and deactivation as well as reestablishing the forwarded telephone number upon interruption of the Call Forwarding service. Where a toll message charge is applicable to the call to be forwarded, such charges will be billed to the Call Forwarding customer. This service is not available in connection with Call Forwarding service as described in B.2, 3 and 5 or line (rotary) hunting service.

(C)

NOTE: The grade of transmission on calls forwarded and three-way calling may vary upon the distance and routing required to complete such calls; therefore, the normal grade of end-to-end transmission cannot be guaranteed on such calls.

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B. Feature Descriptions (Cont'd)

9. Customer Originated Trace - allows the customer to immediately and automatically trace the last incoming call received from a local service. Upon the customer's request the trace information will be provided to law enforcement agencies by the Company but will not be released directly to the customer. To initiate the call trace, the customer must contact the Company at the number provided in the voice announcement within ten (10) days of the incident. Call Tracing Service performs the function of recording call information, but in no way identifies the person(s) actually placing the call(s). By accepting the Service, the customer agrees that BPS shall not be liable for damages due to an inability to trace the calls(s). Call Tracing Service will be the only nuisance call tracing service available to residential one-party and business one-party customers where this feature is offered.

(T)

10. Call Waiting - Provides for signaling a customer, who is talking on his line, that another call has been placed to his line. He may, by switchhook operation, hold the first call, answer the second, return to the first or converse alternately with both.

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B. Feature Descriptions (Cont'd)

11. Calling Number Identification (ID) - Calling Number ID is an arrangement which permits a customer with local exchange service, other than foreign central office service, to be immediately apprised of the calling telephone number of a call placed to the customer.

At the time the incoming call is placed, the calling telephone number is forwarded from the terminating central office to compatible customer provided display equipment associated with the customer's local exchange service. The calling telephone number is then delivered to the display device during the first silent interval of ringing.

For calls originating from a line with a multiline hunt group, ordinarily the main telephone number is delivered. If the calling telephone number is not available for forwarding to the called party, the customer's display device will give an anonymous indication. The calling telephone number is unavailable from calls made through some large PABX systems, from most cellular radio calls, and currently from interexchange carrier calls. Nor is the calling telephone number made available when incoming calls have been handled by an operator or charged to credit cards.

Customers subscribing to Calling Number ID will be responsible for the provision of compatible display equipment. The Company assumes no liability for any incompatibility of the customer provided display equipment.

Caller ID information may not be sold or given to another party without the caller's consent. Caller ID information may only be used for: (a) routing or completion of calls, (b) billing of calls, (c) account management purposes, (d) services directly related to the call or transaction, (e) verification of calling party identity and (f) marketing products or services that are directly related to those previously acquired by the customer from the number delivery services subscriber. This applies if the number delivery services subscriber has an existing relationship with the customer. Caller ID customers failing to comply with any of these conditions will have their service terminated.

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B. Feature Descriptions (Cont'd)

12. Calling Name Delivery (CNAM) - Allows customer to receive the calling name on incoming calls. The name is delivered to the called party's CPE in the interval between the first and second ring. Calling names will not be displayed if the call originates from an area that does not have the appropriate network signaling connections. This may exclude calls made from most cellular phones, calls made through some interexchange carriers, and calls originated from other local exchange carriers. If the caller is calling from a multi-party line, or is blocked, the name will not be displayed.
- (D) (N)
- (D)

CNAM will be provided in connection with single residence and business lines where Telephone Company facilities permit.

(N)

13. Per Call Blocking - Allows customers, in areas where Calling Number Identification (CNI) is available, to inhibit the delivery of their telephone number to an identification device, by either per call or per line blocking.
- (T)
- (T)
- a. Per call blocking is activated by entering a preassigned code prior to a call. (T)
- b. Cancel Calling Number Delivery (Per Line) - Allows a single-line customer to make all calls with the delivery of his/her calling number identification (CNI) marked as "private" to the people he/she is calling. If the preassigned access code for Cancel Calling Number Delivery (Per Call) is dialed on the line, the calling number will be delivered on the next call placed. (T)

This service is available only to established shelters of domestic violence intervention agencies, state and county departments of human resource shelters and other such agencies, their employees and volunteers, or individuals where it is certified that the personal safety of these employees or individuals will be jeopardized without Per Line Blocking.

14. Calling Party Identity (CPI) - Allows a customer to combine Calling Name Delivery and Calling Number Delivery together at a cost savings over subscribing to the individual features. The combined features work the same as if subscribed to separately. See individual descriptions for specific
- (C)
- (C)

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B. Feature Descriptions (Cont'd)

15. Distinctive Ringing - Allows distinctive ringing to be applied to an individual line, where each of two numbers, a main number and a designated number, will have a uniquely distinctive ring for customer identification. Because two telephone numbers are associated with one telephone line, only one conversation can be conducted at a time. (T)

Regulations for directory listings set forth elsewhere in this Tariff will apply for the main number. The customer is entitled to one free listing in the alphabetical section of the telephone directory for the Distinctive ringing number, regardless of the class of service.

16. Selective Call Acceptance - allows a customer to select (maximum of 12) customer telephone numbers from which calls are to be received. All other calls are intercepted and routed to a recorded announcement that informs the caller the customer is not accepting calls. Calls from numbers outside the specified exchanges will ring normally. (T)
17. Selective Call Forwarding - is an arrangement which permits a customer to prespecify telephone numbers (maximum of 12) from which incoming calls are to be forwarded. During the period that Special Call Forwarding is activated, only calls from the prespecified numbers will be forwarded. (T)
(T)
(T)

18. Reserved for Future Use. (D) (T)
- |
- (D)

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B. Feature Descriptions (Cont'd)

19. Speed Calling - Permits local and long distance calls to be placed by dialing an abbreviated code. This arrangement is available in an eight-number capacity and a thirty-number capacity. (T)
20. Three-Way Calling - Permits a customer to add a third party to an existing conversation, whether the original call was incoming or outgoing.
21. Distinctive Ringing/Call Waiting - allows a customer to program up to twelve (12) telephone numbers of selected callers enabling the customer to distinguish certain incoming calls from all others by a distinctive ring tone. If a customer also subscribes to Call Waiting, calls from the selected numbers will be distinguished by a special Call Waiting tone. (T)
22. Warm Line (WL) - Provides an automatic connection between a calling station that goes off hook and remains off hook for 30 seconds and a preassigned directory number. This allows the line to be used to make outgoing calls to other number when desired. (N)

C. Thirty (30) Day Money Back Guarantee

1. If the customer notifies the Company he is not satisfied with the service (s), the customer will be entitled to a full refund of one (1) month's monthly recurring charge (MRC), or portion thereof if subscription is less than 30 days. The feature (s) for which the credit is being issued will be discontinued from the customer's line. This refund will be applied as a credit on the customer's bill. Each customer will be entitled to the credit one time per service. Customers who initially request a Vertical feature (s) will have 45 days from initiation of service to notify the Company of their intent to cancel the feature (s) and receive the full 30 day refund. Any customer that has had a Vertical feature (s) in service more than 45 days will not be eligible for the refund on that feature (s).

NOTE: The grade of transmission on calls forwarded and three-way calling may vary upon the distance and routing required to complete such calls; therefore, the normal grade of end-to-end transmission cannot be guaranteed on such calls.

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D. Rates and Charges

1. The following rates apply in addition to Service Charges and other rates and charges applicable to the associated individual central office access lines.

		<u>Monthly Rate</u>		
		<u>Bus.</u>	<u>Res.</u>	
a.	When provided individually, each feature per line equipped			
1)	Automatic Call Back	n/c	n/c	(R)
2)	Automatic Recall	6.00	5.00	
3)	Selective Call Rejection	4.00	3.00	
4)	Call Forward	2.75	2.30	
5)	Anonymous Call Rejection	2.00	2.00	
6)	Call Transfer	n/c	n/c	(R)

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D. Rates and Charges (Cont'd)

1. The following rates apply in addition to Service Charges and other rates and charges applicable to the associated individual central office access lines. (Cont'd)

	<u>Monthly Rate</u>		
	<u>Bus.</u>	<u>Res.</u>	
a. When provided individually, each feature, per line equipped (Cont'd)			
7) Reserved for Future Use			
8) Call Forwarding Busy Line/No Answer	\$3.00	\$3.00	
9) Customer Originated Trace	NC	NC	(R)
10) Call Waiting**	\$3.75	\$3.30	
11) Calling Number Identification	\$10.00	\$7.00	
12) Calling Number Delivery	\$5.00	\$5.00	

** Cancel Call Waiting is included as part of the Call Waiting rate.

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D. Rates and Charges (Cont'd)

1. The following rates apply in addition to Service Charges and other rates and charges applicable to the associated individual central office access lines. (Cont'd)

	<u>Monthly Rate</u>		
	<u>Bus.</u>	<u>Res.</u>	
a. When provided individually, each feature, per line equipped (Cont'd)			
13) Per Call Blocking Per call or per line			
14) Calling Party Identity	\$7.00	\$7.00	
15) Distinctive Ringing	\$6.00	\$6.00	
a. With any PAK	\$3.00	\$3.00	
16) Selective Call Acceptance	NC	NC	(R)
17) Selecting Call Forwarding	\$3.00	\$2.00	

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D. Rates and Charges

1. The following rates apply in addition to Service Charges and other rates and charges applicable to the associated individual central office access lines. (Cont'd)

	<u>Monthly Rate</u>		
	<u>Bus.</u>	<u>Res.</u>	
a. When provided individually, each feature, per line equipped (Cont'd)			
18) Reserved for Future Use			
19) Speed Calling			
a. 8 Numbers	N/C	N/C	
b. 30 Numbers	N/C	N/C	(R)
20) Three-Way Calling	3.75	3.30	
21) Distinctive Ringing/Call Waiting	4.00	3.00	
22) Warm Line	1.00	1.00	

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D. Rates and Charges

1. The following rates apply in addition to Service Charges and other rates and charges applicable to the associated individual central office access lines. (cont'd)

		<u>Monthly Rate</u>		
		<u>Bus.</u>	<u>Res.</u>	
b.	When provided as a feature package, each package, per line equipped			
1)	Economy Package (Call Waiting and Call Forwarding)*	\$4.35	\$4.35	
2)	Reserved for Future Use			
3)	Vertical Service I PAK (Call Waiting, Call Forwarding, and Three-Way Calling)**	5.50	4.50	(T)
4)	Reserved for Future Use			

*Effective December 15, 1998, this feature package is limited to existing customers at their existing locations.

**Effective June 1, 2013, this feature package is limited to existing customers at their existing locations.

(T)

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D. Rates and Charges

1. The following rates apply in addition to Service Charges and other rates and charges applicable to the associated individual central office access lines. (cont'd)

		<u>Monthly Rate</u>		
		<u>Bus.</u>	<u>Res.</u>	
b.	When provided as a feature package, each package, per line equipped (cont'd)			
5)	Vertical Service PAK 4400 (Call Waiting, Automatic Busy Redial And Call Blocking)*	Not Available	\$8.75	(T)
6)	Reserved for Future Use			

*Effective June 1, 2013 this feature package is limited to existing customers at existing locations.

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DIGITAL DATA AND NETWORK SERVICES

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DIGITAL CHANNEL SERVICEMISSOURI
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A. General

1. Digital Channel Service is an intraexchange multifunctional digital channel service which provides access transport between a customer's premises and the local serving office on a channelized basis (DSO) over a single high-capacity (DS1) digital facility.
2. Digital Channel Service is provided in capacity increments of 24 digital channels within a single DS1 signal.
3. The following types of network services as specified in other tariffs are available on a channelized basis via Digital Channel Service. These services may be furnished on a link basis across multiple jurisdictions when connected with Digital Channel Service.
 - a. Analog Voice Service (exchange lines/trunks), and Centrex lines, foreign exchange, off-premises extensions, and voice private lines.
 - b. Analog Data Service
 - c. Digital Data Service (2.4; 4.8; 9.6; 19.2; 56 Kbps)
 - d. DS1 (1.544 Mbps) Service
 - e. Switched Data Service

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DIGITAL CHANNEL SERVICEMISSOURI
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A. General (Cont'd)

4. Digital Channel Service is comprised of the following components:

- Digital Channel Capacity
 - Digital Channel Activation
 - Service Activation
 - Customer Premises Channelization
- a. The Digital Channel Capacity, Digital Channel Activation and Service Activation will be at the rates and charges as specified in this Tariff.
- b. Customer Premises Channelization has two rate components, Digital Channel Capacity and Service Activation, and may be provided by the Company or customer. When provided by the Company, rates and charges as specified in this Tariff. When provided by the customer, rules and regulations as specified in this Tariff.
- c. Digital Channel Service customers will have to select capacity in increments of 24 digital channels. Customers will be offered a Term Payment Plan of 36, 60, or 84 months with a month-to-month option available only after completion of selected payment plan.

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B. Digital Architecture

1. Digital Channel Service differs in provisioning method and numbering format from end-to-end services. These services will be available from the Company on a link (partial channel) basis rather than as an end-to-end service. This architecture is intended to promote more efficient connectivity of analog and digital networks in the future.
2. The time required to provision service is known as the service date interval. The service date interval for Digital Channel Service and related network services connected to Digital Channel Service will differ from the normal guidelines applicable to end-to-end services.
3. Digital Channel Service will be available on a digital basis at the network interface on a customer's premises. Traditional analog services, like off-premises stations, and automatic access lines, can be provided on a digital basis to a customer's premises by the Company when a customer desires them encoded in a DS1 bit stream. Under those conditions, they will be provided as DSO channels by the Company. Both the Company and the customer have joint responsibilities to ensure the proper transmission of the provided services. Normal analog channel network interface specifications will be superceded by the electrical specifications of the 1.544 Mbps (DS1) channel which is actually terminated. Each digital channel provided will have identity only as a "time slot" within a DS1 channel. Compatible digital to analog conversion equipment must be provided by the customer (optional) to derive the desired analog services. Any Channel Service Units (CSUs) necessary for digital services are the responsibility of the customer (optional).

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C. Definitions

Digital Channel Capacity - A multifunctional DS1 signal between the customer premises and the central office. This digital link can be used to transport switched and dedicated services. This element acts as the transport medium for the service activations ordered by the customer. Digital Channel Capacity is available in increments of 24 digital channels.

Digital Channel Activation - The Digital Channel Activation is the quantity of channels the customer has activated at the central office. The Digital Channel Activations ordered by the customer cannot exceed the quantity of the Digital Channel Capacity.

Service Activation - A Service Activation is the connection between Digital Channel Service and the network service accessed.

Customer Premises Channelization - Provides access to the DSO time slot within the DS1 signal associated with a specific Digital Channel Service. Customer Premises Channelization utilizes D4 type channel bank equipment.

Channel Service Unit (CSU) - The term CSU denotes network channel terminating equipment provided by the customer to terminate digital channel facilities on a customer's or user's premises.

DS0 - The term DS0 denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It is generally referred to as having a 64 Kbps transmission bit rate signal; however, customer transmitted bit rates are limited to 56 Kbps.

DS1 - The term DS1 denotes a channel service expressed in terms of its digitally encoded bit rate in accordance with the North American hierarchy of digital signal levels. It has a 1.544 Mbps transmission data rate and provided for the two-way simultaneous transmission of isochronous timed, Bipolar Return-to-Zero (BPRZ) bit stream format. Unframed signal formats are not permitted or compatible with Company equipment.

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D. Regulations

1. Digital Channel Service is furnished subject to the availability of facilities from digital central office equipment located in a central office building owned or leased by the Company.
2. This service is available within an exchange where appropriate digital facilities are available as determined by the Company. Service inquiries will be necessary to determine availability. Special Construction Charges as specified elsewhere in this Tariff may be applicable.
3. The 1.544 Special Transport Mileage will apply when a customer's request for Digital Channel Service is provisioned in a central office other than the customer's local serving office.
4. The customer may activate any number or combination of digital channels within the limitations as set forth in this Section. Digital channels may be activated coincident with installation or at any time subsequent to Digital Channel Capacity installation. Once activated, a digital channel is subject to a minimum service period.
5. All Digital Channel Service must be channelized in a single equipment location on a customer's premises. Digital Channel Service cannot be split between premises, or multiple locations within a premises. Extensions (as specified in other sections of this Tariff) may be furnished on a link basis between multiple locations. Standard network interfaces will be provided by the Company for analog and digital services consistent with existing practices.
6. Individual digital channels may be activated and furnished on a link (partial channel) basis with service offered in other sections of this Tariff. The regulations, rates, and charges specified in this Tariff are applicable for the Digital Channel Service component of the customer's end-to-end service. The regulations, rates, and charges in other sections of this Tariff are applicable to the customer's interconnected services (i.e., private lines, etc.), for the Non Digital Channel Service component of the customer's end-to-end service.

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D. Regulations (Cont'd)

7. The total number of digital channels activated by the customer may not at any time exceed the total Digital Channel Capacity. Additionally, there are some necessary restrictions in total system capacities where certain types of services are channelized, i.e., some channelizing equipment may require two DSO channels per channel provided by the Company thereby reducing the basic system stated capacity substantially. The Company will notify the customer when the Digital Channel Capacity is affected.
8. Central Office channelization (component of Digital Channel Capacity) generally provides analog to digital conversion to permit individual exchange services and private line channel services to be transported over digital high capacity facilities. This channelization is also intended for use at Company or customer designated locations where different high capacity digital network links terminate in the same central office and must be converted to individual analog or digital channels before individual service links can be crossconnected. Digital Channel Capacities are provided in groups of 24 DSO channels, and are subject to the limits as set forth in the previous paragraph.
9. Customer Premises Channelization generally provides analog to digital conversion at a customer's premises. This allows individual exchange services and private line services to be transported over digital high capacity facilities. The termination of this channelization will be in a single equipment location on a customer's premises. The customer must provide suitable floor space, controlled environment, and a source of nonswitched 120 volt 60 Hz. AC power to support this service. Emergency backup power and ring generating equipment capabilities are available for an extra charge on an Individual Case Basis.
10. When the Company provides Digital Channel Service channelization equipment at a customer's premises, it is not necessary for the customer to provide Channel Service Units (CSU's) for associated channels.

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D. Regulations (Cont'd)

11. Channelization on a customer's premises may be provided by the customer or the Company. Joint provisioning of channelized services introduces joint responsibilities between the customer and the Company as specified following:

a. Responsibilities of the Company:

- 1) The Company will endeavor to activate its portion of joint service in a timely manner on the negotiated date to support installation requirements.
- 2) The Company will provide the customer with information regarding the type and the manufacturer of central office channelization equipment to be used in each application.
- 3) The Company will attempt to limit its selection of central office equipment to avoid operational and administrative difficulties associated with a multi-vendor central office environment.
- 4) The Company reserves the right to change its equipment vendors should equipment availability, price or technological advantages make such a change attractive or necessary.
- 5) The Company will notify the customer, generally a minimum of six months in advance, of any need to change its central office equipment to allow the customer sufficient time to respond, make any necessary changes, and schedule cooperative testing for cutover, if required.
- 6) Digital synchronization timing for Digital Channel Service will be provided by the Company.

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D. Regulations (Cont'd)

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11. (Cont'd)

b. Responsibilities of the Customer:

- 1) The customer must be prepared to activate his portion of joint service in a timely manner on the negotiated date, providing testing equipment and personnel to support installation requirements, as may be necessary.
- 2) The customer will be responsible for selecting his own equipment. Customer equipment must be compatible with the Company provided channelization at the central office.

c. Trouble Resolutions:

- 1) The Company will assist the customer in resolving any installation or day-to-day channel service problems. However, the Company does not assure responsibility for the compatibility or suitability of the customer's equipment. Dispatches to customer premises caused by customer equipment troubles will result in Service Charges as set forth in this Tariff, to the customer.

12. Channelized DS1 service is available only with D4 channel bank equipment or compatible, equivalent equipment.

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D. Regulations (Cont'd)

13. Emerging technology, such as low bit rate voice multiplexing techniques, may permit additional quantities of individual channels to be channelized on a single DS1 signal. Equipment providing this capability does not generally assure compatibility between different manufacturers. Some equipment may not be suitable for data transmission or tandem network line application. Rates, charges, and availability of this equipment will be negotiated with the customer on an Individual Case Basis.
14. When a customer's Digital Channel Service is interrupted due to any cause other than the negligence or willful act of the customer or the failure of the facilities provided by the customer, a pro-rata adjustment of the monthly charges involved will be allowed automatically for the service and facilities rendered useless and inoperative by reason of the interruption during the time said interruption continues in excess of 24 hours from the time it is reported to or detected by the Company except as otherwise specified in this Tariff. The adjustment shall not be applicable for the time that the Company stands ready to repair the service and the customer does not provide access to the Company for such restoration work.

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E. Application of Rates

1. Three basic rate elements; Digital Channel Capacity, Digital Channel Activation, and Service Activation are applicable to each Digital Channel Service.
2. The Digital Channel Capacity element provides for the mileage based transport and the central office channelization. Digital Channel Capacity is offered with 36, 60, or 84 month Term Payment Plan periods. A month-to-month option is available only after the completion of the selected Term Payment Plan period.
3. Digital Channel Activation is a recurring charge for each DSO channel activated within the Digital Channel Capacity. The Digital Channel Activation is offered on a month-to-month basis. When Digital Channel Service facilities are used to transport DS1 Service, the DS1 Service Activation charge is applied in lieu of the Digital Channel Activation charge.
4. Service Activation charges are recurring charges and are applicable for each network service (switched or dedicated) required by the customer. Service Activation is offered on a month-to-month basis. For DS1 services, a DS1 Service Activation charge is applicable.
5. Customer Premises Channelization is an optional component. Channelization at the customer's premises is available as a Company functionality at the rates described in this Tariff. In addition to this charge, a Customer Premises Service Activation charge will apply for each network service with Company provided channelization. Otherwise, the customer has the option to support premises channelization with CPE devices.
6. Monthly rates and charges as specified in this Tariff for Digital Channel Capacity apply according to the requested channel capacity. These rates apply regardless of the number of digital channels that are actually activated by the customer at a point time.

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E. Application of Rates (Cont'd)

7. Exchange and long-distance calling is provided within Digital Channel Service via the appropriate service activation. A network access charge will apply to each Service Activation that utilizes basic exchange access from the local serving office, except foreign exchange service. The network access charges when utilized for Centrex Service will be ordered and billed as specified in this Tariff. This charge is in addition to all other applicable Digital Channel Service charges.
8. Rates and charges specified in other Tariff sections for services such as Vertical Services, etc., are in addition to the monthly rates for Digital Channel Service. End User Subscriber Line charges are applicable to Digital Channel Service.
9. The rates and charges for other services connected or extended beyond Digital Channel Service (i.e., off-premises extensions and private lines, etc.) are in addition to the rates specified in this Tariff for the Digital Channel Service portion necessary to provide customer end-to-end service. This will also apply to Nonrecurring Charges and Service Charges as specified in other Tariffs for activities involving the Non Digital Channel Service portion of the customer end-to-end service.
10. Digital Channel Capacity is available under Term Payment Plans only for rate periods of 36, 60, or 84 months. All elements of a Term Payment Plan will expire at the same time (be coterminous).
 - a. The customer may order additional Digital Channel Capacity(s) during a Term Payment Plan period. The expiration date of the additional capacity(s) will be the same expiration date as the original Term Payment Plan period.
 - b. Customer Premises Channelization Capacity charges (applicable only if Company provided) are available under Term Payment Plans only for rate periods of 36, 60, or 84 months.
 - c. Digital Channel Activation charges are available only on a month-to-month basis.

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E. Application of Rates (Cont'd)

10. (Cont'd)

- d. Service Activation charges are available on a month-to-month basis.
 - e. Individual network services (switched or dedicated) that are connected to Digital Channel Service, are not available under the Term Payment Plan rate stability provisions. Those services are subject to their standard tariff provisions and minimum service periods as appropriate.
11. At the expiration date of the customer's selected Term Payment Plan period, the customer may continue service under a new Term Payment Plan or on a month-to-month basis. Rates for service under these options will be the current rates as specified in this Tariff.
12. A Termination Liability Charge will be applicable should the customer discontinue service prior to the end of the Term Payment Plan. This is subject to the following exemptions:
- a. No Termination Liability Charge will be applicable for the Digital Channel Capacity when the customer renegotiates a new Term Payment Plan for the same equipment or larger system at the same location for a period of time greater than the time remaining on the existing Term Payment Plan, subject to payment periods contained in E.10.
 - b. All Digital Channel Service Components are coterminous with the Digital Channel Capacity with which they are associated. Any activations subscribed to on a month-to-month basis have a minimum service period of one month and no associated Termination Liability Charge.
13. A Termination Liability Charge will be calculated based on the sum of the monthly payments remaining under the customer's Term Payment Plan, adjusted to the present value at the date of termination, based upon a 12% APR discount. The Termination Liability Charge is due in full at the date of termination.

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E. Application of Rates (Cont'd)

14. Transfer of service responsibility between customers is permitted subject to the Rules and Regulations as specified in this Tariff.
15. Unless specified herein, the regulations contained elsewhere in this Tariff are applicable to Digital Channel Service. These regulations include but are not limited to:
- Cancellation of Service
 - Application for Service
 - Payment Arrangements
 - Limitation of Liability
16. Should customers request interconnection between different Digital Channel Services provisioned in two or more different local serving offices, the 1.544 special transport mileage rates will apply. This charge will apply in addition to Digital Channel Service charges for each customer's premises which Digital Channel Service is provisioned.

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F. Rates and Charges

1. Service Charges

a. Service Establishment Charge

- 1) This charge applies to the initial Digital Channel Capacity(s) ordered by a customer for receiving, recording and processing the request for service. This charge includes processing orders to establish initial Digital Channel and Service Activations and/or Company provided Customer Premises Channelization. This charge includes common centralized testing, coordination and accounting activities.
- 2) This charge also applies to subsequent orders received to establish additional Digital Channel Capacity(s).

b. Service Change Charge

- 1) This charge applies on a per Digital Channel Capacity Service Activation basis associated with a customer request for modifications to an existing service. This would include activities such as, but not limited to:
 - Change of associated channel assignment
 - Additional supplemental features
 - Activate/deactivate Digital Channel Activation
 - Activate/deactivate Service Activation
- 2) This Service Change Charge will be applied on a first and each additional basis and is in addition to Service Charges as specified elsewhere in this Tariff.

c. Charges	<u>GSEC</u>	<u>Nonrecurring Charge</u>
1) Service Establishment Charge	DCSSEC1	\$300.00
2) Service Change Charge	DCSSCC	100.00

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F. Rates and Charges (Cont'd)

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2. Digital Channel Capacity

The monthly and nonrecurring rates for Digital Channel Capacity without Activated Services are as follows:

a. Per System - 36 Month Contract

	<u>Capacity</u>	<u>GSEC</u>	<u>Monthly Rate</u>	<u>GSEC</u>	<u>Nonrecurring Charge</u>
1)	24 Channels	24SC36	\$ 340.00	24SC36-IC	\$ 250.00
2)	48 Channels	48SC36	520.00	48SC36-IC	500.00
3)	72 Channels	72SC36	700.00	72SC36-IC	750.00
4)	96 Channels	96SC36	880.00	96SC36-IC	1,000.00
5)	120 Channels	120SC36	1,060.00	120SC36-IC	1,250.00
6)	144 Channels	144SC36	1,240.00	144SC36-IC	1,500.00
7)	192 Channels	192SC36	1,600.00	192SC36-IC	2,000.00
8)	240 Channels	240SC36	1,960.00	240SC36-IC	2,500.00
9)	288 Channels	288SC36	2,320.00	288SC36-IC	3,000.00
10)	384 Channels	384SC36	3,040.00	384SC36-IC	4,000.00
11)	480 Channels	480SC36	3,760.00	480SC36-IC	5,000.00
12)	576 Channels	576SC36	4,480.00	576SC36-IC	6,000.00
13)	672 Channels	672SC36	5,200.00	672SC36-IC	7,000.00
14)	1344 Channels	1344SC36	10,240.00	1344SC36-IC	14,000.00
15)	2016 Channels	2016SC36	15,280.00	2016SC36-IC	21,000.00

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F. Rates and Charges (Cont'd)

2. Digital Channel Capacity (Cont'd)

b. Per System - 60 Month Contract

	<u>Capacity</u>	<u>GSEC</u>	<u>Monthly Rate</u>	<u>GSEC</u>	<u>Nonrecurring Charge</u>
1)	24 Channels	24SC60	\$ 320.00	24SC60-IC	\$ 250.00
2)	48 Channels	48SC60	490.00	48SC60-IC	500.00
3)	72 Channels	72SC60	660.00	72SC60-IC	750.00
4)	96 Channels	96SC60	830.00	96SC60-IC	1,000.00
5)	120 Channels	120SC60	1,000.00	120SC60-IC	1,250.00
6)	144 Channels	144SC60	1,170.00	144SC60-IC	1,500.00
7)	192 Channels	192SC60	1,510.00	192SC60-IC	2,000.00
8)	240 Channels	240SC60	1,850.00	240SC60-IC	2,500.00
9)	288 Channels	288SC60	2,190.00	288SC60-IC	3,000.00
10)	384 Channels	384SC60	2,870.00	384SC60-IC	4,000.00
11)	480 Channels	480SC60	3,550.00	480SC60-IC	5,000.00
12)	576 Channels	576SC60	4,230.00	576SC60-IC	6,000.00
13)	672 Channels	672SC60	4,910.00	672SC60-IC	7,000.00
14)	1344 Channels	1344SC60	9,670.00	1344SC60-IC	14,000.00
15)	2016 Channels	2016SC60	14,430.00	2016SC60-IC	21,000.00

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F. Rates and Charges (Cont'd)

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2. Digital Channel Capacity (Cont'd)

c. Per System - 84 Month Contract

	<u>Capacity</u>	<u>GSEC</u>	<u>Monthly Rate</u>	<u>GSEC</u>	<u>Nonrecurring Charge</u>
1)	24 Channels	24SC84	\$ 300.00	24SC84-IC	\$ 250.00
2)	48 Channels	48SC84	460.00	48SC84-IC	500.00
3)	72 Channels	72SC84	620.00	72SC84-IC	750.00
4)	96 Channels	96SC84	780.00	96SC84-IC	1,000.00
5)	120 Channels	120SC84	940.00	120SC84-IC	1,250.00
6)	144 Channels	144SC84	1,100.00	144SC84-IC	1,500.00
7)	192 Channels	192SC84	1,420.00	192SC84-IC	2,000.00
8)	240 Channels	240SC84	1,740.00	240SC84-IC	2,500.00
9)	288 Channels	288SC84	2,060.00	288SC84-IC	3,000.00
10)	384 Channels	384SC84	2,700.00	384SC84-IC	4,000.00
11)	480 Channels	480SC84	3,340.00	480SC84-IC	5,000.00
12)	576 Channels	576SC84	3,980.00	576SC84-IC	6,000.00
13)	672 Channels	672SC84	4,620.00	672SC84-IC	7,000.00
14)	1344 Channels	1344SC84	9,100.00	1344SC84-IC	14,000.00
15)	2016 Channels	2016SC84	13,580.00	2016SC84-IC	21,000.00

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F. Rates and Charges (Cont'd)

2. Digital Channel Capacity (Cont'd)

d. Month-to-Month

<u>Capacity</u>	<u>GSEC</u>	<u>Monthly Rate (1)</u>
1) 24 Channels	24SC	\$ 300.00
2) 48 Channels	48SC	460.00
3) 72 Channels	72SC	620.00
4) 96 Channels	96SC	780.00
5) 120 Channels	120SC	940.00
6) 144 Channels	144SC	1,100.00
7) 192 Channels	192SC	1,420.00
8) 240 Channels	240SC	1,740.00
9) 288 Channels	288SC	2,060.00
10) 384 Channels	384SC	2,700.00
11) 480 Channels	480SC	3,340.00
12) 576 Channels	576SC	3,980.00
13) 672 Channels	672SC	4,620.00
14) 1344 Channels	1344SC	9,100.00
15) 2016 Channels	2016SC	13,580.00

(1) Month-to-Month rates are only available at the end of a 36, 60, or 84 month contract.

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F. Rates and Charges (Cont'd)

	<u>GSEC</u>	<u>Monthly Rate</u>	<u>GSEC</u>	<u>Nonrecurring Charge</u>	
3. Digital Channel Activation, per channel (DSO) activated. (Does not apply to DS1 Service)	DCACT	\$ 1.00	DCACT-IC	\$ 6.00	
4. Service Activation, per channel basis					
a. Exchange Line/Trunk Local Calling Scope	SA TRK	24.85	SA TRK-IC	40.00	(I)
b. Centrex Line	SA CN	26.85	SA CN-IC	40.00	(I)
c. FX, OPX or Private Line	SA FX	25.00	SA FX-IC	40.00	
d. Digital Data Service 2.4, 4.8, 9.6, 19.2 Kbps	SA 24KL	60.00	SA 24KL-IC	40.00	
e. Digital Data Service 56 Kbps	SA 56KL	65.00	SA 56KL-IC	40.00	
f. DS1 Service	SA DS1L	75.00	SA DS1L-IC	500.00	
g. Switched Data Service ⁽¹⁾					
1) Single Line	SWDSA	10.00	SWDSA-IC	40.00	
2) Centrex Service	SWDSACNT	10.00	SWDSACNT-IC	40.00	
3) Centrex Service with DID/DOD	SWDSADID	10.00	SWDSADID-IC	40.00	

(1) Refer to Switched Data Services, this Section for applicable usage rates.

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F. Rates and Charges (Cont'd)

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5. Customer Premises Channelization - Company provided on customer premises

a. Per System - 36 Month Contract

	<u>Capacity</u>	<u>GSEC</u>	<u>Monthly Rate</u>
1)	24 Channels	24CC36	\$ 120.00
2)	48 Channels	48CC36	240.00
3)	72 Channels	72CC36	360.00
4)	96 Channels	96CC36	480.00
5)	120 Channels	120CC36	600.00
6)	144 Channels	144CC36	720.00
7)	192 Channels	192CC36	960.00
8)	240 Channels	240CC36	1,200.00
9)	288 Channels	288CC36	1,440.00
10)	384 Channels	384CC36	1,920.00
11)	480 Channels	480CC36	2,400.00
12)	576 Channels	576CC36	2,880.00
13)	672 Channels	672CC36	3,360.00
14)	1344 Channels	1344CC36	6,720.00
15)	2016 Channels	2016CC36	10,080.00

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F. Rates and Charges (Cont'd)

5. Customer Premises Channelization - Company provided on customer premises
-
- (Cont'd)

b. Per System - 60 Month Contract

	<u>Capacity</u>	<u>GSEC</u>	<u>Monthly Rate</u>
1)	24 Channels	24CC60	\$ 110.00
2)	48 Channels	48CC60	220.00
3)	72 Channels	72CC60	330.00
4)	96 Channels	96CC60	440.00
5)	120 Channels	120CC60	550.00
6)	144 Channels	144CC60	660.00
7)	192 Channels	192CC60	880.00
8)	240 Channels	240CC60	1,100.00
9)	288 Channels	288CC60	1,320.00
10)	384 Channels	384CC60	1,760.00
11)	480 Channels	480CC60	2,200.00
12)	576 Channels	576CC60	2,640.00
13)	672 Channels	672CC60	3,080.00
14)	1344 Channels	1344CC60	6,160.00
15)	2016 Channels	2016CC60	9,240.00

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Public Service Commission

F. Rates and Charges (Cont'd)

5. Customer Premises Channelization - Company provided on customer premises
(Cont'd)

c. Per System - 84 Month Contract

	<u>Capacity</u>	<u>GSEC</u>	<u>Monthly Rate</u>
1)	24 Channels	24CC84	\$ 100.00
2)	48 Channels	48CC84	200.00
3)	72 Channels	72CC84	300.00
4)	96 Channels	96CC84	400.00
5)	120 Channels	120CC84	500.00
6)	144 Channels	144CC84	600.00
7)	192 Channels	192CC84	800.00
8)	240 Channels	240CC84	1,000.00
9)	288 Channels	288CC84	1,200.00
10)	384 Channels	384CC84	1,600.00
11)	480 Channels	480CC84	2,000.00
12)	576 Channels	576CC84	2,400.00
13)	672 Channels	672CC84	2,800.00
14)	1344 Channels	1344CC84	5,600.00
15)	2016 Channels	2016CC84	8,400.00

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F. Rates and Charges (Cont'd)

5. Customer Premises Channelization - Company provided on customer premises
(Cont'd)

d. Per System - Month-to-Month

	<u>Capacity</u>	<u>GSEC</u>	<u>Monthly Rate (1)</u>
1)	24 Channels	24CC	\$ 100.00
2)	48 Channels	48CC	200.00
3)	72 Channels	72CC	300.00
4)	96 Channels	96CC	400.00
5)	120 Channels	120CC	500.00
6)	144 Channels	144CC	600.00
7)	192 Channels	192CC	800.00
8)	240 Channels	240CC	1,000.00
9)	288 Channels	288CC	1,200.00
10)	384 Channels	384CC	1,600.00
11)	480 Channels	480CC	2,000.00
12)	576 Channels	576CC	2,400.00
13)	672 Channels	672CC	2,800.00
14)	1344 Channels	1344CC	5,600.00
15)	2016 Channels	2016CC	8,400.00

(1) Month-to-Month rates are only available at the end of a 36, 60, or 84 month contract.

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DIGITAL CHANNEL SERVICE

F. Rates and Charges (Cont'd)

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	<u>GSEC</u>	<u>Monthly Rate</u>	<u>GSEC</u>	<u>Nonrecurring Charge</u>
6. Customer Premises Service Activation, per channel basis				
a. Exchange Line/Trunk Local Calling Scope	SA CC ALTC	\$ 5.00	SA CC ALTC-IC	\$ 20.00
b. Centrex Line	SA CC CN-IC	5.00	SA CC CN-IC	20.00
c. FX, OPX or Private Line	SA CC FOPTI	6.00	SA CC FOPTI-IC	20.00
d. Digital Data Service 2.4, 4.8, 9.6, 19.2 Kbps	SA CC DDS	15.00	SA CC DDS-IC	20.00
e. Digital Data Service 56 Kbps	SA CC DDS56	20.00	SA CC DDS56-IC	20.00
f. Switched Data Service	SWDCPC	25.00	SWDCPC-IC	20.00

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DIGITAL DATA SERVICEMISSOURI
Public Service Commission

A. General

1. Digital Data Service is an intraexchange service which supports synchronous, full-duplex transmission at bit rates of 2.4, 4.8, 9.6, 19.2 and 56 Kilobits per second (Kbps) between the serving wire center of the customer designated locations.

2. There are five synchronous speeds offered through Digital Data Service.

2.4 Kbps - These facilities are best used for single terminal configurations.

4.8 Kbps - These facilities are best used for single terminal configurations.

9.6 Kbps - These facilities can be used for single terminal configurations and multiple terminal configurations through the addition of customer-provided multiplexers.

19.2 Kbps - These facilities can be used for single terminal configurations as well as multiple terminal configurations through the addition of customer-provided multiplexers.

56 Kbps - These facilities are suitable for all data transmissions. They require the ability to connect to a synchronous network. These facilities may be ordered as two-point or multipoint configurations. However, multipoint configurations are rare due to the considerable bandwidth of the circuit, but are available. Customer-provided multiplexing of the lower speed synchronous or asynchronous circuits between two CDLs is common at this speed.

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DIGITAL DATA SERVICE

B. Conditions

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1. Digital Data Service provides a transmission path for digital data signals between two customer designated locations within an exchange.
2. Digital Data Service is furnished for duplex operation on a full-time basis (24 hours a day, seven days per week).
3. Digital Data Service can only be provided within the same exchange where existing digital facilities and equipment permit. Services between serving wire centers must have digital service components (digital connectivity) between all intermediate offices to have the ability to provide the service.
4. There are two types of facility configurations over which Digital Data Service is provided, two-point and multipoint.
 - a. Two-Point - A two-point configuration is a circuit which is provided to connect two CDLs.
 - b. MultiPoint Service - A multipoint configuration is a circuit that is provided to connect three or more CDLs through a telephone company hub wire center. Multipoint Digital Data Service is provided in the following manner:
 - 1) Special Access Line per CDL to their respective serving wire centers.
 - 2) Special Transport facility between hub wire centers.
 - 3) Special Transport facility between the serving wire centers associated with the customer designated locations and the hub wire center.
 - 4) Special Transport Termination at each end of the Special Transport facility terminating in a telephone company serving wire center when applicable.
 - 5) Supplemental Features - Bridging equipment charges for each bridging location and other Supplemental Features when applicable.

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DIGITAL DATA SERVICEMISSOURI
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C. Rates and Charges

1. There are four basic rate elements which may apply to Digital Data Service:

- Special Access Line (SAL)
- Special Transport (ST)
- Special Transport Termination (STT)
- Supplemental Features

2. Special Access Line

A Special Access Line (SAL) provides the transmission facilities to a customer designated location (CDL) or the facilities between a CDL and the serving wire center. This rate element varies by the bit-rate of the circuit ordered.

The applicable rates are the nonrecurring charge and monthly rate set forth per Digital Special Access Line installed.

One SAL charge applies per CDL at which the facility is terminated. This charge applies even if the facilities to the CDL do not transit a serving wire center. This charge also applies even if the CDL and the serving wire center are collocated in a telephone company building, except as specified below.

3. Special Transport

Special Transport provides the transmission facilities between the serving wire centers associated with two CDLs. This rate element is per airline mile. Fractional miles are rounded to the next whole mile.

The Special Transport rate will not apply if both CDLs are in the same serving wire center.

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C. Rates and Charges (Cont'd)

4. Special Transport Termination

Special Transport Termination provides the equipment and arrangements necessary to terminate the Special Transport facility at a telephone company serving wire center. One Special Transport Termination charge applies for the termination of each end of a Special Transport facility for Digital Data Services.

The Special Transport Termination rate will not apply if both CDLs are in the same serving wire center.

5. Supplemental Features

Supplemental Features may be added to a Digital Data Service circuit to improve its utility to meet specific communications requirements. These are not necessarily identifiable with specific circuit bit-rate, but rather represent the end result in terms of performance characteristics which may be obtained. Although the facilities necessary to perform a specified function may be installed at various locations along the path of the Digital Data Service circuit, including the customer designated location, it will be provided for as a single rate element. The Supplemental Feature available for Digital Data Service is described below:

a. Digital Data Service Bridging

- 1) Provides for a multi-junction unit (MJU) arrangement to bridge 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps or 56 Kbps Digital Data Service facilities. Different speeds cannot be mixed on the same bridge. This function is provided on a per port basis.

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DIGITAL DATA SERVICE

C. Rates and Charges (Cont'd)

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	<u>GSEC</u>	<u>Monthly Rate</u>	<u>GSEC</u>	<u>NRC</u>
6. Special Access Line (SAL)				
Five synchronous speeds, per customer location				
a. 2.4 Kbps	EUCXX-L XDDXX	\$55.00	NEUCXX-L XDDXX	\$71.00
b. 4.8 Kbps	EUCXX-L XDDXX	55.00	NEUCXX-L XDDXX	71.00
c. 9.6 Kbps	EUCXX-L XDDXX	55.00	NEUCXX-L XDDXX	71.00
d. 19.2 Kbps	EUCXX-L XDDXX	55.00	NEUCXX-L XDDXX	71.00
e. 56 Kbps	EUCXX-L XDD4X	68.00	NEUCXX-L XDDXX	71.00
7. Special Transport/ Termination (ST/STT)				
Interoffice facilities				
a. Per intraexchange mile or fraction	ILFSX-L XDDXX	2.00	-	-
b. Per termination	TRG-L XDDXX	25.00	-	-
8. Supplemental Feature				
a. Bridging, per port	BCNDA-L XDDXX	12.00	-	-

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DATALINK SERVICEMISSOURI
Public Service Commission

A. General

1. Dial DataLink Service is an enhancement to residential and business individual line service to provide higher quality transmission standards than normally provided for voice transmission. It is designed for customers requesting a better grade of service for data transmission. Lines conditioned with this level of service may also be used for normal voice communication. This service is offered subject to the availability of suitable facilities.

B. Conditions

1. The parameters of Datalink service are designed to support transmission of data up to 4800 bits per second on the local loop from the point of demarcation to the serving central office switch.
2. The quality of the line is guaranteed only between the customer point of demarcation and the serving central office switch. No guarantee is made for a transmission level over the entire circuit.
3. Datalink Service may not be compatible with other services offered in this Tariff, such as Call Waiting and Distinctive Ring, and is not offered in conjunction with the following:
 - Party line service
 - PBX trunks or stations
 - Foreign Exchange Service
 - Centrex Service
 - Off-premise extensions
 - Foreign Central Office Service
 - Outward WATS
 - Residence or business service provided by analog station carrier (e.g. 82A & 84A)

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DATALINK SERVICEMISSOURI
Public Service Commission

C. Rates and Charges

1. The following monthly rates are in addition to all applicable nonrecurring and recurring charges as specified in the Company's tariffs. The nonrecurring charge applies in addition to all other Service Charges when this service is ordered in conjunction with other services.

a. DataLink Service:

	<u>GSEC</u>	<u>Monthly Rate</u>	<u>GSEC</u>	<u>Nonrecurring Charge</u>
1) Business	DDLB	\$5.00	DDLB-IC	\$25.00
2) Residence	DDLRL	5.00	DDLRL-IC	25.00

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HIGH CAPACITY DIGITAL DS1 (1.544 Mbps) SERVICEMISSOURI
Public Service Commission

A. General

1. High Capacity Digital DS1 Service is an intraLATA dedicated high capacity channel used for simultaneous two-way transmission of serial, bipolar, return-to-zero isochronous digital signals at a transmission speed of 1.544 megabits per second (Mbps). This service is designed to provide an average performance of at least 95% (percent) error free seconds of transmission over a continuous 24 hour period.

B. Conditions

1. DS1 Service is available only on a point-to-point intraexchange/intraLATA basis. This service is provided between two Customer Designated Locations (CDLs).
2. DS1 Service is furnished on a full-time basis, 24 hours a day, seven days per week.
3. DS1 Service can only be provided within the same exchange where existing digital facilities and equipment permit.

C. Rates and Charges

1. There are three basic rate elements which may apply to DS1 Service:
 - Special Access Line (SAL)
 - Special Transport (ST)
 - Special Transport Termination (STT)
2. Special Access Line
 - a. A Special Access Line (SAL) provides the transmission facilities between a Customer Designated Location and the serving wire center.

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HIGH CAPACITY DIGITAL DS1 (1.544 Mbps) SERVICEMISSOURI
Public Service Commission

C. Rates and Charges (Cont'd)

3. Special Transport

- a. Special Transport (ST) is defined as the facilities for digital transmission provided between two serving wire centers. This rate element is per airline mile. Fractional miles are rounded to the next whole mile.
- b. The Special Transport rate will not apply if both CDLS are in the same serving wire center.

4. Special Transport Termination

- a. Special Transport Termination (STT) provides the equipment and arrangements necessary to terminate the Special Transport facility at a serving wire center. One Special Transport Termination charge applies for the termination of each end of a Special Transport facility for DS1 Services.
- b. The Special Transport Termination rate will not apply if both CDLS are in the same serving wire center.

5. Optional Payment Plan (OPP)

- a. A customer may elect to participate in an Optional Payment Plan (OPP) arrangement for DS1 Service. The OPP allows a customer to order the "First System" DS1 Special Access Line over a 12, 36, or 60 month payment period. The OPP applies to the "First System" DS1 Special Access Line rate element ordered between a customer designated location and its serving wire center. When the same customer orders "Additional System" DS1 Special Access Lines at the same Customer Designated Location, the standard nonrecurring and monthly rates, as set forth in this Tariff for "Each Additional System", will apply.

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DIGITAL DATA AND NETWORK SERVICESHIGH CAPACITY DIGITAL DS1 (1.544 Mbps) SERVICEMISSOURI
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C. Rates and Charges (Cont'd)

6. Early Termination Liability

- a. When a "First System" DS1 OPP Special Access Line is discontinued prior to the end of the payment period, two levels of termination liability may apply based on the remainder of the OPP payment period in effect at the time of disconnect as indicated below.

1) 12 Month Contract OPP

- a) 50% of any remaining portion of the first year's recurring charges.

2) 36 Month Contract OPP

- a) 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third year, the customer will be liable for 10% of the total monthly charges in that time period.

3) 60 Month Contract OPP

- a) 50% of any remaining portion of the first year's recurring charges. In addition, for any remaining portion of the second and third year, the customer will be liable for 20% of the total monthly charges in that time period.

7. Early Termination Without Liability

- a. During the OPP payment period, should the currently effective rate for a customer's "First System" DS1 OPP Special Access Line increase, the customer may, at their option, terminate the service without penalty or liability.

8. Notification of Discontinuance

- a. Notice of discontinuance must be given by the customer at least thirty (30) days prior to actual discontinuance. Monthly charges will apply for a period of thirty (30) days from the date the Company receives discontinuance notification or until the requested discontinuance date, whichever period is longer.

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C. Rates and Charges (Cont'd)

	<u>GSEC</u>	<u>Monthly Rate</u>	<u>GSEC</u>	<u>NRC per order</u>
9. Special Access Line (SAL)				
a. Month/Month				
1) First System	EUW XDH1X	\$317.00	NEUW XDH1X	\$965.00
2) Additional System, each(1)	EU8 XDH1X	180.00	NEU8 XDH1X	128.00
b. 12 Month Contract				
1) First System	EU4CX XDH1X	301.00	-	-
2) Additional System, each(2)	EU8 XDH1X	180.00	-	-
c. 36 Month Contract				
1) First System	EU4AX XDH1X	271.00	-	-
2) Additional System, each(2)	EU8 XDH1X	180.00	-	-
d. 60 Month Contract				
1) First System	EU4BX XDH1X	241.00	-	-
2) Additional System, each(2)	EU8 XDH1X	180.00	-	-

- (1) Valid only if installed at the same location(s) as First System. (Same "A" to "Z" locations.)
- (2) Valid for remaining contracted life on Additional System(s) installed at same location(s) as first contracted system. (Either same as "A" to "CO" or "Z" to "CO".)

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C. Rates and Charges (Cont'd)

	<u>GSEC</u>	<u>Monthly</u> <u>Rate</u>	<u>MO. PUBLIC SERVICE COMMISSION</u> <u>Service Order</u>
10. Special Transport/ Termination (ST/STT)			
a. Interoffice facilities			
1) Per airline mile or fraction	ILFSX XDH1X	\$ 30.85	-
2) Per termination	TRG XDH1X	50.00	-

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DIGITAL DATA AND NETWORK SERVICESMILEAGE CHARGES INTRA-EXCHANGE

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A. General

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Public Service Commission

1. Mileage charges apply to line extensions. All mileage is measured on an airline basis unless otherwise indicated.

B. Conditions

1. Applicable line extension mileage will be determined in the following manner:
 - a. Off-premises mileage charges are assigned to telephone stations not located on the same contiguous property as the central office access line or PBX frame. Routing of facilities will be provided in such manner as the Company may select. Mileage applications include but are not limited to extensions for services such as Telephone Answer Bureau Service.
 - b. If the loop of the additional station is bridged at the Central Office with the loop of the central office access line, the airline distance between the central office and the additional station is the mileage measurement. The mileage measurement includes inter-central office airline mileage if the two points are located in different central office areas of the same multi-office exchange. If the additional station is connected with the central office access line by a nonloop, the airline distance between the central office access line and additional station is the mileage measurement.
 - c. If the circuit connecting a PBX station with a PBX frame is routed through the central office in a loop, the airline distance between the demarcation point for the PBX station and PBX frame via the central office is the mileage measurement. If the circuit connecting the PBX station and PBX frame is not routed through the central office, the airline distance between the demarcation points for the PBX station and PBX frame is the mileage measurement.
 - d. Mileage charges are made on the basis of quarter mile airline units between the demarcation points for the station and the central office access line or PBX frame, with each fractional quarter mile unit counting as an additional full quarter mile unit.

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MILEAGE CHARGES INTRA-EXCHANGE

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Public Service Commission

B. Conditions (Cont'd)

3. Special equipment or arrangements in addition to that regularly provided may be provided at charges and/or rates based upon costs incurred.
4. When facilities must be constructed to provide service to applicant beyond the Base Rate boundary, charges shall be determined as set forth under Line Extension Mileage filed in this Tariff.
5. Off-Premise service may be located on the premises of another customer, provided the other customer has their own primary service at the same location.
6. Customers of Off-Premise service are required to maintain a separate business or residence class of primary service at the same location of the Off-Premise service.

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MILEAGE CHARGES INTRA-EXCHANGE

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C. Rates and Charges

1. In addition to the following rates, Service Charges ^{Public} ~~apply~~ ^{Missouri} Service Commission

	<u>Monthly Rate</u>
a. Line Extension Mileage	
1) Single pair	
first 1/4 mile	\$2.05
(MIOFFPX)	
Each additional 1/4 mile	1.85
(MIOFFPXAQ)	

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PRIVATE LINES - LOCAL

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A. General

1. Charges are assigned to communications services which meet the following conditions:
- Private line service is an intraexchange voice grade service between the serving wire center and customer designated locations.
 - The service cannot access nor be accessed by message services provided to the general public.
 - The service is furnished for the exclusive use of a customer and the customer's authorized users between specified points in the same Local Exchange Service Area.
 - The service does not qualify for intrastate toll or interstate toll regulation.

B. Conditions

- Private Line Service provides a transmission path for voice grade signals between two customer designated locations within an exchange.
- Private Line Service is furnished for duplex operation on a full-time basis (24 hours a day, seven days per week).
- Private Line Service can only be provided within the same exchange where existing facilities and equipment permit.

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B. Conditions (Cont'd)

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4. There are two types of facility configurations over which Private Line Service is provided, two-point and multipoint.

a. Two-Point

A two-point configuration is a circuit which is provided to connect two CDLs.

b. Multipoint Service

A multipoint configuration is a circuit that is provided to connect three or more CDLs through a telephone company hub wire center. Multipoint Private Line Service is provided in the following manner:

- (1) Special Access Line per CDL to their respective serving wire centers.
- (2) Special Transport facility between hub wire centers.
- (3) Special Transport facility between the serving wire centers associated with the customer designated locations and the hub wire center.
- (4) Supplemental Features - Bridging equipment charges for each bridging location and other Supplemental Features when applicable.

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PRIVATE LINES - LOCAL

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C. Element Descriptions

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Public Service Commission1. General

There are three basic rate elements which may apply to Private Line Service:

- Special Access Line (SAL)
- Special Transport (ST)
- Supplemental Features

2. Special Access Line

A Special Access Line (SAL) provides the transmission facilities to a customer designated location (CDL) or the facilities between a CDL and the serving wire center.

One SAL charge applies per CDL at which the facility is terminated. This charge applies even if the facilities to the CDL do not transit a serving wire center. This charge also applies even if the CDL and the serving wire center are collocated in a telephone company building.

3. Special Transport

Special Transport provides the transmission facilities between the serving wire centers associated with two CDLs. This rate element is per airline mile. Fractional miles are rounded to the next whole mile.

The Special Transport rate will not apply if both CDLs are in the same serving wire center.

4. Supplemental Featuresa. Private Line Service Bridging

Provides for a multi-junction unit (MJU) arrangement to bridge facilities. This function is provided on a per port basis.

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DIGITAL DATA AND NETWORK SERVICESPRIVATE LINES - LOCAL

D. Rates and Charges

- | | |
|---|---------|
| 1. Special Access Line (SAL)
per customer location | |
| a. Two-wire
(EUC2X-L) | \$ 9.40 |
| b. Four-wire
(EUC4X-L) | 18.80 |
| 2. Special Transport

Interoffice facilities | |
| a. Per intraexchange mile (or fraction)
(1LF2X-L) | 5.00 |
| 3. Supplemental Features | |
| a. Bridging, per port
(BCNV2-L) | 8.00 |

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PRIVATE LINES - LOCAL

D. Rates and Charges (Cont'd)

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3. Supplemental Features (Cont'd)

b) Local Analog - Circuit Conditioning

- 1) Local private line within same exchange used for data transmission on a two-point or multipoint circuit application of these charges shall mean that the circuit shall meet the following specifications: Envelope delay distortion shall not exceed between 1000 and 26000 Hz, a max difference of 500 micro sec, between 600 and 2600 Hz, a max difference of 1500 micro sec, between 500 and 2800 Hz, a max difference of 3000 micro sec. The loss deviation with frequency from 1004 Hz reference shall not exceed between 500 and 2800 Hz, -1db to +3db, between 300 and 3000 Hz, -2db to +6db (+ means more loss).

	Monthly Rate	Installation Charge
a) Per Circuit Termination (X1CPT-L, NX1CPT-L)	\$19.00	\$46.65

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PRIVATE LINES - INTEREXCHANGE

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- A. Interexchange Private Line Services for all exchanges are provided by the
BPS Telephone Company PSC MO. NO. 5 - Private Line Services Tariff

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SWITCHED DATA SERVICE

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A. General

This section contains the application, description, standard/optional feature packages, regulations, and rates and charges applicable to Switched Data Service furnished by the Company where available to customers served by and within the service territories of BPS Telephone Company only. This service is only available where technology and facilities permit.

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B. Description of Service

1. Switched Data Service is a network service which provides the capability for switched digital and end-to-end data transport.
2. The customer may subscribe to Switched Data Service under the following service arrangements, except when conditions as specified in this Tariff are applicable:
 - a. Low Speed Switched Data - Low Speed Switched Data Service supports 300, 1200, 2400, 4800, 9600 and 19,200 bits per second asynchronous full or half duplex connections and 1200, 2400 4800, 9600 and 19,200 bits per second synchronous full or half duplex connections.

Single Line
Centrex line

- b. High Speed Switched Data - High Speed Switched Data Service supports 48,000, 56,000 and 64,000 bits per second synchronous full duplex connections.

Single Line
Centrex line

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SWITCHED DATA SERVICE

B. Description of Service (Cont'd)

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2. (Cont'd)

- c. Switched Data Channel Access - A 1.544 high capacity digital facility which transports Switched Data usage between the customer's premise and the local serving central office on a channelized basis. Each Switched Data Channel Access provides 24 digital channels which support data transmission only. On a per channel basis, the customer can transmit data up to 56,000 bits per second.

C. Definitions

Asynchronous - A method of transmitting data in which each transmitted character is preceded by a start bit and followed by a stop bit, thus permitting the interval between characters to vary.

Bit - A binary digit. The smallest unit of information in the binary system of notation.

Bits Per Second - The number of bits transmitted per second. A measure of the speed of transmission of digital information.

Digital - Information which is expressed in discrete or noncontinuous form.

Full Duplex - Type of communication that supports the transmission of signals in both directions simultaneously. This is not associated with simultaneous transmission of voice and data communications.

Half Duplex - Type of communication that supports transmission of signals alternately in both directions, but is not capable of simultaneous and independent transmission and reception. This is not associated with simultaneous transmission of voice and data communications.

Hunting - A search through a group of numbers until an idle station is found or the last number of the group is reached.

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SWITCHED DATA SERVICEMISSOURI
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C. Definitions (Cont'd)

Synchronous - A method of transmitting data in which the data characters and bits are transmitted at a fixed rate with the transmitter and receiver synchronized, eliminating the need for individual start bits and stop bits.

D. Standard Features

1. Data Line Security - This feature prevents a call from being interrupted by override tones, such as a call waiting tone, or other test or busy verification tests that would interrupt the flow of data.
2. Intercom Dialing - This feature allows customer group stations to complete calls to other stations without the assistance of an attendant, by dialing a 2 through 7 digit number. This feature is applicable to Centrex customer groups only and is restricted to the serving wire center only.
3. Direct Dialing - This feature allows the user to place local and long distance calls without the assistance of an attendant by using the standard 7 through 10 digit dialing methods.

E. Optional Features

1. Data Direct Connect - This feature provides an automatic connection between a Switched Data calling line that goes off-hook and a predetermined location.
2. Data Closed User Group - This feature, restricted to Centrex Lines, provides partitioning of Switched Data lines into groups where calls within such a group are allowed, but calls between such groups are denied.
3. Voice Option - This feature allows simultaneous voice and data communications over a single Switched Data line. This feature is available where technical capabilities exist. This feature is not available with Switched Data Channel Access nor with Switched Data Individual Line Loop Extension

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f. Optional Feature Packages

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The following feature packages are available for use with Switched Data Service, except where specified:

1. Feature Package Data 1000 includes:

- a. Data Individual Speed Call-Short List - The use of the Individual Speed Call-Short List is limited to an individual Switched Data line. A short list consists of a maximum of eight stored numbers. This feature is not available with Switched Data Channel Access nor with Switched Data Individual Line Loop Extension.
- b. Data Call Forward (All/Busy/No Answer) - This feature allows a customer to have incoming calls to a Switched Data line automatically forwarded to a predetermined number. Data Call Forward consists of three variations as follows: all calls, busy and no answer. This feature is not available with Switched Data Channel Access nor with Switched Data Individual Line Loop Extension.
- c. Data Last Number Redial - This feature enables a subscriber to redial the last called number by depressing a single key rather than the entire number. This feature is not available with Switched Data Channel Access nor with Switched Data Individual Line Loop Extension.
- d. Data Toll Restriction - This feature will restrict toll calls from being placed over Switched Data lines.
- e. Data Sequential Hunt Group - This feature assigns a pilot telephone number to the hunt group. Hunting is sequential, i.e., starting at the first line assigned to the pilot telephone number and ending at the last line

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Public Service Commission

F. Optional Feature Packages (Cont'd)

2. Feature Packaae Data 2000 - This package offers the customer a choice of combining any or all of the features contained in Feature Package Data 1000 plus:
- a. Data Call Back - This feature allows a Switched Data user encountering a busy station to be notified when the busy station becomes idle and to automatically establish the call. This feature is available with Centrex intercom calling only. This feature is not available with Switched Data Channel Access nor with Switched Data Individual Line Loop Extension.
 - b. Data Saved Number Redial - This feature allows a customer to dial a saved number by depressing a single key rather than the entire number. This feature is not available with Switched Data Channel Access nor with Switched Data Individual Line Loop Extension.
 - c. Data Circular Hunting - This feature assigns a pilot telephone number to the hunt group. Hunting starts after the first idle line found by the previous hunt and continues until the hunting starting point is reached. This feature is not available with Switched Data Channel Access nor with Switched Data Individual Line Loop Extension.
 - d. Data Group Speed Calling - This feature provides storage for an abbreviated numbers list which is shared for use by a group of data lines. The list may be updated by a service order or by a user designated as the controller. Only the controller can add to, change or delete numbers from the list. Other lines with access to this list are restricted. This feature is available to Centrex intercom calling only. This feature is not available with Switched Data Channel Access nor with Switched Data Individual Line Loop Extension.
 - e. Data Individual Speed Call-Long List - The use of the Individual Speed Call-Long List is limited to an individual Switched Data line. A long list consists of maximum of thirty (30) stored numbers. This feature is not available with Switched Data Channel Access nor with Switched Data Individual Line Loop Extension.

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SWITCHED DATA SERVICE

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G. Regulations

1. In addition to the following regulations, the appropriate regulations in other sections of this Tariff will also apply.
2. Switched Data Service is comprised of the following rate elements:
- Switched Data Customer Line
 - Service Connection Charges
 - Optional Features
 - Software Reconfiguration Charge
 - Network Usage Charge
 - Customer Premises Channelization (Optional)
3. The minimum billing period for which service is provided is one month.
4. FCC Subscriber Line Charges as specified in the NECA Tariff, FCC No. 1, will apply to Switched Data Service.
5. For Presubscription of an Interexchange Carrier, the rates and regulations as set forth in the National Exchange Carriers Association (NECA), FCC No. 1 will apply to Switched Data Service.
6. A directory listing for Switched Data Service will be provided, upon request, in accordance with this Tariff.
7. Customer Premises Channelization, a component of Switched Data Service, may be provided by the customer or the Company. When the Company provides channelization equipment at a customer's premises, it is not necessary for the customer to provide a channel access card for the associated channels. The termination of this channelization will be in a single equipment location on a customer's premises. The customer must provide suitable floor space, controlled environment, and a source on a non-switched 120 volt, 60 Hz AC power to support this service. Emergency backup power and ring generating equipment capabilities are available for an extra charge on an individual case basis.
8. Switched Data Channel Access is required where:
- a. Customers are restricted by the technical requirements as specified herein.

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DIGITAL DATA AND NETWORK SERVICESSWITCHED DATA SERVICE

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G. REGULATIONS (Cont'd)

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8. (Cont'd)

- b. A customer's local serving central office is not capable of providing Switched Data. The Company will determine the nearest central office capable of providing Switched Data. Interoffice digital high capacity mileage (1.544) will apply from the noncapable central office to the central office capable of providing Switched Data at the rates shown in Section 5 of the Facilities for Intrastate Access Tariff. In this situation, the customer will utilize the dialing plan associated with the central office that delivers the digital dial tone.

9. Switched Data Individual Line Loop Extension is required where:

- a. Customers are restricted by technical requirements as specified herein.
- b. A customer's local serving central office is not capable of providing Switched Data. The Company will determine the nearest designated central office capable of providing Switched Data Service. Interoffice digital data service (DDS) mileage will apply from the noncapable central office to the central office capable of providing Switched Data at the rates shown in Section 5 of the Facilities for Intrastate Access Tariff. In this situation, the dialing plan associated with the central office that will be providing the Switched Data service to the customer will be utilized.

10. Dialing Method

- a. Access to Switched Data Service is obtained through a dial-up connection via the public switched telephone network using the standard 7 through 10 digit methods.
- b. Origination of calls for 800, 900, 976, 0- (intraLATA) and 0+ (intraLATA) is limited to voice calls only. These calls will be provided with the Voice Option feature of Switched Data Service when requested by the customer.

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G. REGULATIONS (Cont'd)

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11. Technical Requirements

- a. Switched Data requires the use of customer provided data equipment which must be compatible with the Company's equipment and facilities.
- b. Customers who choose to subscribe to the Single Line or Digital Centrex Line arrangement are subject to the distance limitations listed below as a result of digital signal power loss which are technology dependent. Switched Data Service will be provided where local loops do not exceed the following limitations:
 - 1) on the DMS-100 central office switch: 42 dB loss at 80 kilohertz, equating to a range from approximately 12,000 feet to approximately 18,000 feet, depending on cable gauge and including customer wiring.
 - 2) on the GTD-5 central office switch: 26 dB loss at 80 kilohertz, equating to a range from approximately 8,000 feet to approximately 15,000 feet, depending on cable gauge and including customer wiring.
 - 3) on a non-ISDN equipped SESS central office switch: 42 db loss at 80 kilohertz, equating to a range from 12,000 feet to approximately 14,000 feet, depending on cable gauge and including customer wiring.

Where these conditions cannot be met, the customer must subscribe to Switched Data Individual Line Loop Extension or subscribe to Switched Data Channel Access for Switched Data Service.

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H. APPLICATION OF RATES

1. Switched Data Centrex Line rates are determined by the total number of either Low Speed or either High Speed lines, (i.e., if a customer requests 55 Low Speed lines and 25 High Speed lines, all 55 Low Speed lines will be billed at the "50-100" rate and all 25 High Speed lines will be billed at the "2-49" rate).
2. Rates and charges specified in other sections of this Tariff for services provided in conjunction with Switched Data Service (i.e., Vertical features, Centrex features etc.) are in -addition to the monthly rates for Switched Data Service.
3. Customer Premises Channelization is an optional component of Switched Data Channel Access. The customer has the option to support premises channelization with CPE devices or to be made available by the Company. Channelization at the customer premises when provided by the Company is available at the rates specified in this section of the Tariff. Both the Customer Premises Termination per access (24 channels) and the Customer Premises Channelization per channel will apply.
4. Switched Data lines placed in a business group do not require Network Access Registers (NARS) for outbound data traffic. However, the customer may choose to purchase additional NARS to support all terminating traffic that may be increased by Switched Data.

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DIGITAL DATA AND NETWORK SERVICES

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SWITCHED DATA SERVICEMISSOURI
Public Service Commission

1. RATES AND CHARGES

The following rates and charges are in addition to other rates and charges stated in this and other company tariffs.

	<u>GSEC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge (1)</u>
1. Switched Data Access			
a. Single Line (2)	SWDALN	--	--
b. Centrex Line (2)	SWDALNCNT	--	--
c. Low Speed Access, per line (3)	SWDLS-IC	--	\$50.00
Single Line Access	SWDLS	\$37.00 (2)	--
Centrex Line			
2-49 lines	SWDLS1	40.00 (2)	--
50-100 lines	SWDLS2	37.00 (2)	--
101 and above lines	SWDLS3	34.00 (2)	--
d. High Speed Access, per line (3)	SWDHS-IC	--	50.00
Single Line Access	SWDHS	47.00 (2)	--
Centrex Line			
2-49 lines	SWDHS1	50.00 (2)	--
50-100 lines	SWDHS2	47.00 (2)	--
101 and above lines	SWDHS3	44.00 (2)	--

(1) In addition to applicable Service Charges.

(2) The FCC Subscriber Line Charge applies for each Switched Data Access Line.

(3) Local Loop Charge is included in the Switched Data Access Line Rate.

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SWITCHED DATA SERVICE

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Rate NRC(1)

1. RATES AND CHARGES (Cont'd)	GSEC	Rate	NRC(1)
2. Switched Data Individual Line Loop Extension			
a. Switched Data - Individual Line Loop Extension Access			
1) Single line (2)	SWDALNLE-IC	--	\$50.00
	SWDALNLE	\$50.00	--
	SWDALNLEFX(3)	--	--
2) Centrex Line (2)	SWDALNCNTLE-IC	--	50.00
	SWDALNCNTLE	50.00	--
	SWDALNCNTLEFX(3)		
3) Interoffice Mileage	SWDLEMI(3)	(5)	(5)
b. Switched Data Individual line Loop Extension Channel, per line			
1) Single Line	SWDLE-IC	--	50.00
	SWDLE	12.00	--
2) Centrex Line	SWDCNTLE-IC	--	50.00
	SWDCNTLE	15.00	--
3. Switched Data Channel Access			
a. First system			
(24 channels-	SWDCACC-IC	--	(4)
DS1 facility)(2)	SWDCACC	(4)	--
b. Switched Data Channel Access			
Each additional system	SWDCACCA-IC	--	(4)
(24 channels-			
DS1 facility)(2)	SWDCACCA	(4)	--

- (1) In addition to applicable Service Charges.
- (2) Two FCC Subscriber Line Charges apply for each Switched Data Channel -Access arrangement (each DS1 facility) and Switched Data Individual Line Loop Extension.
- (3) Use these GSECs when interoffice mileage applies.
- (4) Refer to Facilities for Intrastate Access, PSC MO. NO. 2, for the High Capacity Digital DS1 Special Access Line rate and Special Transport rate (when applicable). The High Capacity Digital DS1 Special Transport Termination charge does not apply.
- (5) Refer to Facilities for Intrastate Access, PSC MO. NO. 2, for the Digital Data Service Special Transport rate when applicable.

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Monthly
Rate Charge (1)

1. RATES AND CHARGES (Cont'd)

GSEC

3. Switched Data Channel Access (Cont'd)

c. Switched Data Channel Access Mileage, per mile (DS1 interoffice mileage)	SWDCMI	(3)	--
d. Switched Data Central Office Termination, per access arrangement	SWDCOT-IC SWDCOT	-- \$150.00	\$125.00 --
e. Switched Data Central Office Channelization Single Line, per channel activated(2)	SWDCOC	7.00	--
f. Switched Data Central Office Channelization Multiline with DID/DOD, per channel activated(2)	SWDCOCDID	7.00	--
g. Switched Data Central Office Channelization - Centrex Line, per channel activated(2)	SWDCOCCNT	7.00	--
h. Switched Data Customer Premises Termination, (optional) per access arrangement	SWDCPT-IC SWDCPT	-- 100.00	75.00 --
i. Switched Data Customer Premises Channelization, (optional) per channel activated	SWDCPC-IC SWDCPC	-- 25.00	20.00 --

(1) In addition to applicable Service Charges.

(2) Two FCC Subscriber Line Charges apply for each Switched Data Channel Access arrangement (each DS1 facility).

(3) Refer to Facilities for Intrastate Access, PSC MO. NO. 2, for the High Capacity Digital DS1 Special Access Line rate and Special Transport rate (when applicable). The High Capacity Digital DS1 Special Transport Termination charge does not apply.

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Public Service Commission
Monthly Nonrecurring
Rate Charge (1)

1. RATES AND CHARGES (Cont'd)

GSEC

4. Optional Features

a. Data Direct Connect, per line	SWDDDC	\$ 1.00	(2)
b. Data Closed User Group, per line	SWDDCUG	1.00	(2)
c. Voice Option, per line			
1) Single Line	SWDVOFL	8.00	(2)
2) Centrex Service	SWDVOCNT	5.00	(2)

5. Optional Feature Packages

a. Data 1000, per line	SWDIOOO	3.00	(2)
b. Data 1000, per line with toll restriction	SWD1000TR	3.00	(2)
c. Data 2000, per line	SWD2000	5.00	(2)
d. Data 2000, per line with toll restriction	SWD2000TR	5.00	(2)

6. Software Reconfiguration Charge

This charge is applicable for any software changes that are required to make changes to Optional Features (e.g., changing Speed Call Lists, Data Direct Connect destination, etc.) and Optional Feature Packages.

Rate per occurrence	SWDRC	--	\$ 12.75
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(1) In addition to applicable Service Charges.

(2) If ordered on subsequent activity, the appropriate Service Order Charge will apply.

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1. RATES AND CHARGES (Cont'd)

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7. Network Usage

- a. Switched Data Network Usage will be billed to the originating end of the Switched Data call which terminates within the local calling area only. For Switched Data calls terminating outside the local calling area the applicable toll charges will apply. Switched Data Network Usage Detail will be provided at the rate as set forth in this Tariff.

Usage Rate

1) Switched Data Network Usage

Local Call Setup, per call \$.03

Usage, per minute of use
(all days, all hours) .02**FILED**APR 1 1996
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DIGITAL DATA AND NETWORK SERVICES

Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI)

A. General

1. Integrated Services Digital Network (ISDN) – Primary Rate Interface (PRI) is a central office based service arrangement that is an alternative for individual access services, such as Direct Inward Dialing (DID), Direct Outward Dialing (DOD), 800/888 Services, Wide Area Telecommunications Services, and local business trunks.
2. ISDN-PRI is provisioned on a clear channel 1.544 megabit per second (Mbps) facility and uses the ISDN architecture of 23 “B” channels and one “D” channel or 24 “B” channels to provide the customer with the capabilities of simultaneous access, transmission and switching of voice, data and imaging services via channelized transport.
3. ISDN-PRI provides the capability to transport customer information in the form of circuit-switched voice or data up to 64 Kbps over any “B” channel. One “D” channel can control up to 20 PRI trunks. In these cases, a single “D” channel in one ISDN-PRI trunk handles all signaling and control functions of the other trunks in the arrangement, which allows supplemental trunks to consist of 24 “B” channels.
4. ISDN-PRI and other local services are offered on an end user basis only. Use of such services for transmitting interexchange traffic that does not either originate and terminate at the customer premises is prohibited.

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DIGITAL DATA AND NETWORK SERVICES

Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI) (Continued)

B. Regulations

1. ISDN-PRI service is only available from serving central offices equipped with the necessary "clear channel" facilities to provide ISDN-PRI service. Feature availability and service capabilities are dependent on the facilities and the digital technology providing the service.
2. Customer Provided Equipment (CPE) must be NI-2 compliant (meet the National Standard for PRI). Any CPE that requires custom switch features not supported in the NI-2 specification may be supported as an exception. Each exception may require additional transport charges that can be found in the PSC MO No. 6 Digital Data Transmission Services Tariff.
3. This Tariff provides for PRI switching capabilities only and additional services must be subscribed to under separate sections of this Tariff. Each ISDN-PRI trunk group is provided with one telephone number. Additional numbers may be purchased at the rates specified in Section 10 for DID Service.

GENERAL AND LOCAL EXCHANGE TARIFF

DIGITAL DATA AND NETWORK SERVICES

Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI) (Continued)

B. Regulations (Continued)

4. This tariff does not provide for the transmission of packet data on the “B” or “D” channels, but can be provided on an individual case basis.
5. Termination Liability Terms and Conditions, See Section 2, Rules and Regulations.
6. During the initial term commitment, the customer may add PRI services at the same monthly rate specified in the customer’s original contract.
7. If a customer discontinues other company services and establishes ISDN-PRI that utilizes the same facilities (i.e., Digital Channel Service) the nonrecurring charge associated with the ISDN-PRI facilities (DS1 facilities) will be waived for the same quantity replaced by the ISDN-PRI facilities to which the customer currently subscribes. The nonrecurring charges associated with the ISDN-PRI access portion of the new service applies in all instances.
8. The PRI Subsequent Activity Charge (SAC) is applicable for any changes to customer configurations after the initial installation. The SAC is applicable per occurrence and not based on the number of trunks.

GENERAL AND LOCAL EXCHANGE TARIFF

DIGITAL DATA AND NETWORK SERVICES

Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI) (Continued)

C. PRI Features

The following B-channel features are offered to the customer, at no additional charge.

1. Caller ID Number is a standard feature within a system between an ISDN-PRI Service and a Centrex System or between two or more ISDN-PRI Services belonging to the same customer.
2. Call-by-Call Service Selection provides an option to the dedicated channel configuration by allowing channels to be configured to access multiple services on a per call basis. With this feature, separate facilities are not required for individual services, such as DID, DOD, WATS, 800/888 services, and local switched access lines.
3. Clear Channel Capability allows the customer to transport 64 Kbps over the PRI channels with no constraint on the quantity or sequence of bits using the "Bipolar with Eight Zero Substitution" method of providing bit sequence independence.
4. Fractional DS1 ISDN-Originating allows the customer to set up N x 64 Kbps calls from an ISDN-PRI in real-time and in the same manner as any circuit switched ISDN call.
5. Fractional DS1 ISDN-Terminating allows the customer to receive N x 64 Kbps calls from an ISDN-PRI in real-time and in the same manner as any circuit switched ISDN call.

GENERAL AND LOCAL EXCHANGE TARIFF

DIGITAL DATA AND NETWORK SERVICES

Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI) (Continued)

C. Rate Structure (Continued)

3. Primary Rate Interface (PRI) Access (Continued)

d. ISDN-PRI Features

The following B-channel features are offered to the customer, at no additional charge.

- 1) Caller ID Number – is a standard feature within a system between an ISDN-PRI Service and a Centrex System or between two or more ISDN-PRI Services belonging to the same customer. Please refer to Section 6 of this Tariff for description.
- 2) Call by Call Service Selection – provides an option to the dedicated channel configuration by allowing channels to be configured to access multiple services on a per call basis. B-channels within a PRI system can be assigned, with predetermined parameters, to accommodate changes in traffic. With this feature, separate channels are not required for individual services, such as DID, DOD, WATS, 800/888 services, and local switched access lines.
- 3) Clear Channel Capability – allows the customer to transport 64 KBPS over the PRI channels with no constraint on the quantity or sequence of bits using the Bipolar with Eight Zero Substitution (B8ZS) method of providing bit sequence independence.

GENERAL AND LOCAL EXCHANGE TARIFF

DIGITAL DATA AND NETWORK SERVICES

Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI) (Continued)

C. Rate Structure (Continued)

4. Channel Activations

- a. Channel Activation charges will apply to provide voice or circuit switched data capability for up to twenty-three (23) B-channels.

5. Channel Usage

- a. Voice/Data channel usage rates will apply on a per channel basis.

6. Subsequent Activity

- a. Non-recurring charges for database configuration work will apply for all subsequent activity related to changes in channel configuration or ISDN-PRI attributes. The database charges are applied on a per PRI Access.

GENERAL AND LOCAL EXCHANGE TARIFF**DIGITAL DATA AND NETWORK SERVICES****Integrated Services Digital Network – Primary Rate Interface (ISDN-PRI) (Continued)****D. Rates and Charges**

		<u>Monthly Rate</u>	<u>Nonrecurring Charge¹</u>	
1.	ISDN-PRI Access ²			
	12-Month Contract	\$340.00	\$300.00	
	36-Monh Contract	\$320.00	\$300.00	
	60-Month Contract	\$300.00	\$300.00	
2.	Channel Activation and Usage, per channel	\$ 24.85	\$ 46.00	(I)
3.	Subsequent Activity Charge (SAC), per occurrence	N/A	\$100.00	

¹Service charges reflected in Section 5 of this Tariff will not apply in addition to the nonrecurring charges specified below.

²Customer only will be offered a term payment plan of 12, 36 or 60 months.