

- (D)
- (D)
- 4. SERVICES (continued)
- 4.9 Miscellaneous Services (continued) (T)
- 4.9.9 Intercept Referral Service (continued) (T)
- A. Rates and Charges (continued)
- 1. The charges shown are nonrecurring. No other charges apply except for those charges listed in this section. (continued)

<u>Service</u>	<u>If the period of service requested by the customer is:</u>		
	Up to	91 – 180	181 – 365
	<u>90 Days</u>	<u>Days</u>	<u>Days</u>

(b) DID (continued)

III. Multiple Intercept Referral Service
 (continued)
 (iii) Name Intercept Referral Service

(1)	Each number referred individually (per telephone number)	\$ 68.00	\$ 136.00	\$ 204.00
(2)	Block of sequential numbers referred to one message (per block)	500.00	1,000.00	1,500.00

4. SERVICES (continued)

4.9 Miscellaneous Services (continued)

4.9.10 The Freedom Pack and Freedom Pack Plus Services(1) (T)

A. Description

The Freedom Pack Service and The Freedom Pack Plus Service are add-on services for Birch Basic Business 24-month term plan Customers. The Customer will sign up to receive a block of outbound long distance minutes and a choice of up to seven (7) Birch Basic Features for a monthly recurring charge per line.

The Customer is required apply the Freedom Pack Service or Freedom Pack Plus Service to all eligible lines per location. The Customer is permitted to apply Freedom Pack Service at one of its location and apply Freedom Pack Plus Service at a additional location. These services are not available for resale lines.

If the Customer requires any additional features, they will be billed to the Customer at the tariffed rate listed under Birch Basic Feature List in Section 4.5.8.B.7.

The block of long distance minutes apply to only direct dialed domestic minutes and the minutes will be pooled at the service location level. Additional minutes of outbound domestic long distance minutes of use will be billed at no volume commitment level for 24-term plan customers. All other types of calls, (Operator Assisted Long Distance calls, OS/DA, International, Toll Free, Calling Card, etc.), will be rated according to the applicable interexchange tariff rates.

All requirements applicable to Birch Price Protection Plan service agreement service shall apply in addition to the requirements listed for The Freedom Pack Service and The Freedom Pack Plus Service.

(1) Effective August 8, 2008, this product is no longer available for new service. (T)

4. SERVICES (continued)

4.9 Miscellaneous Services (continued)

4.9.10 The Freedom Pack and Freedom Pack Plus Services (continued) (N)

B. Rates

1 The Freedom Pack

A. Choice of up to seven (7) features from Birch Basic Feature List, per line
200 Domestic Outbound Long Distance Minutes, per line

B. Monthly Recurring Charge

All Rate Groups \$4.00

2. The Freedom Pack Plus

A. Choice of up to seven (7) features from Birch Basic Feature List, per line
500 Domestic Outbound Long Distance Minutes, per line

B. Monthly Recurring Charge

All Rate Groups \$6.00 (N)
(M)

(M) Centrex-1 moved to 2nd Revised Sheet No. 102

4. SERVICES (continued)

4.9 Miscellaneous Services (continued)

(D)
—
(D)

Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.10 Miscellaneous Services (continued)

Reserved for Future Use

(T)
(M)

(M) Centrex-1 text moved to Original Sheet No. 102.02.

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4. SERVICES (continued)

4.10 Centrex-1 (3) (N)

4.10.1 Feature Arrays

The following is a list of Standard and Optional features available subject to the capabilities of the serving central office.

A. Standard Features

- Add-On/Consultation Hold
- Call Hold
- Call Pickup
- Code Access Calling (1)
- Station-to-Station Dialing (Intercom)
- Transfer

B. Optional Features

- | | |
|--|---|
| <ul style="list-style-type: none"> Call Forwarding (2) Call Forwarding-Inside System <ul style="list-style-type: none"> Busy Don't Answer Busy & Don't Answer Call Forwarding-Outside System <ul style="list-style-type: none"> Busy(2) Don't Answer(2) Busy & Don't Answer | <ul style="list-style-type: none"> Call Management Features <ul style="list-style-type: none"> Auto Redial(2) Call Blocker(2) Call Return(2) Call Trace(2) Calling Number Delivery(2) Priority Call(2) Selective Call Forwarding Call Transfer Disconnect(1) Call Waiting(2) Convenience Dialing I(2) Customer Alerting Enablement(2) Remote Access to Call Forwarding(2) Toll Restriction |
|--|---|

B. Obsolete Features Available Only to Existing Customers Subscribing to the Feature Prior to July 17, 1995.

- Automatic Callback Calling(1)
- Conference Calling(1)(2)
- Convenience Dialing II(1)(2)
- Directed Call Pickup(1)
- Distinctive Ringing
- Uniform Call Distribution

(1) Only available with the Centrex-1 Standard Package 2 offering.
 (2) Not available to Centrex-1 lines equipped with ISDN BRI Service
 (3) Effective December 9, 2004 this service is no longer available for new subscribers. (N)

4. SERVICES (continued)

4.10 Centrex-1 (1) (continued) (N)

4.10.2 Feature Descriptions

Add On/Consultation Hold – Allows a Centrex-1 station user to add on another Centrex-1 user or outside line to an established call. In addition, the station user can place any call on hold, thereby freeing the line for the purpose of originating another all or answering a waiting call.

Automatic Callback Calling – Allows a Centrex-1 user who encounters a busy condition when calling another Centrex-1 line to dial an activation code and be automatically called back when the called line becomes idle. (1)

Call Hold – Allows a Centrex-1 station user to hold any call in progress by depressing the switchhook and then dialing a code, thereby freeing the line for the purpose of originating another call or answering a waiting call. The held call cannot be added to another call.

Call Pickup – Allows a Centrex-1 station user to answer any call within an associated preset pickup group. If more than one line within the pickup group has an unanswered call, the call that is answered is the one that has been ringing the longest.

Call Transfer Disconnect – Allows a Centrex-1 station user to transfer a call to another telephone number within or outside the Centrex-1 system and hang up, leaving the two remaining parties intact. The Centrex-1 station user would then be free to accept another call. The transferred call may originate from within or outside the Centrex-1 system. The Centrex-1 user is prohibited from using this feature to avoid toll charges.

Code Access Calling – This feature permits dial access to special facilities such as outward WATS.

Convenience Dialing I – Allows Centrex-1 station users to have abbreviated codes assigned up to six frequently called numbers. The list of frequently called numbers may be common to the entire Centrex-1 system or unique to each Centrex-1 station line. A common list is controlled by one designated Centrex-1 station line in the Centrex-1 system. Unique lists are controlled by the individual Centrex-1 station line.

Convenience Dialing II – This feature is the same as Convenience Dialing I, except that up to 30 numbers can be programmed.

Conference Calling – Allows a Centrex-1 user to establish conference connections involving up to six conferees (including the conference controller).

Directed Call Pickup – Provides the ability for a call directed to a Centrex-1 station line that is in any Call Pickup group to be answered by another station user within the Centrex-1 system by dialing a unique answer code and the extension number of the line to be answered.

Station-to-Station Dialing (Intercom) – Provides intra-system communications for a maximum of 30 stations. This is accomplished by dialing a preassigned station code

(1) Effective December 9, 2004 this service is no longer available for new subscribers. (N)

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4. SERVICES (continued)

4.10 Centrex-1 (1) (continued)

(N)

4.10.2 Feature Descriptions (continued)

Transfer – Allows a Centrex-1 station user to transfer any established call to another station within or outside the Centrex-1 system. This is accomplished by depressing the switchhook while on a two-party call, dialing the desired party, utilizing the Consultation Hold and/or Add-On features and hanging up. Only one party on the final connection can be outside the Centrex-1 system.

Uniform Call Distribution (UCD) – UCD is a type of hunting which provides for an even distribution of incoming calls among the available members of a hunt group.

(1) Effective December 9, 2004 this service is no longer available for new subscribers.

(N)

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4. SERVICES (continued)

4.10 Centrex-1 (6) (continued)

(N)

4.10.3 Rates and Charges

	<u>Monthly Rate</u>		<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
	<u>Rate Segment I</u>	<u>Rate Segment II</u>		
Standard Package 1, per system	\$18.00	\$16.20	\$ 2.00	\$5.50
Standard Package 2, per system	27.00	24.30	60.00 (3)	5.50
Centrex-1 Feature Capability Charge, per Centrex-1 line	4.00	3.60	15.00	5.50
Per Centrex-1 line, equipped with Call Transfer Disconnect	4.00	3.60	15.00	5.50
Automatic Callback Calling, Common Equipment (4)	38.00	34.20	30.00	5.50
per Centrex-1 line equipped(4)	1.00	.90	15.00(1)(2)	5.50
Call Forwarding, per Centrex-1 line equipped(5)	1.20	1.08	15.00(1)(2)	5.50
Call Forwarding, Inside system per Centrex-1 line equipped with:				
Busy	2.50	2.25	15.00(1)(2)	5.50
Don't Answer	2.50	2.25	15.00(1)(2)	5.50
Busy/Don't Answer	2.50	2.25	15.00(1)(2)	5.50
Call Forwarding, Outside system per Centrex-1 line equipped with:				
Busy (5)	3.00	2.70	15.00(1)(2)	5.50
Don't Answer (5)	3.00	2.70	15.00(1)(2)	5.50
Busy/Don't Answer	4.00	3.60	15.00(1)(2)	5.50

- (1) The Complex Installation/Move Charge is not applicable if the optional feature is installed at the same time as the Centrex-1 line.
- (2) A maximum charge of \$15.00 applies per Centrex-1 line when adding any number of the optional features subsequent to the installation of the Centrex-1 line.
- (3) This charge also applies if establishing Code Access Calling Code subsequent to the initial installation of the Centrex-1 system.
- (4) Obsolete except to existing customers at existing locations.
- (5) Not available to Centrex-1 lines equipped with ISDN BRI Service.
- (6) Effective December 9, 2004 this service is no longer available for new subscribers.

(N)

4. SERVICES (continued)

4.10 Centrex-1 (3) (continued) (N)

4.10.3 Rates and Charges (continued)

	<u>Monthly Rate</u>		<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
	<u>Rate Segment I</u>	<u>Rate Segment II</u>		
Call Management Features:				
Auto Redial, per Centrex-1 Line Equipped (1)	\$4.00	3.60	8.00	5.50
Call Blocker, per Centrex-1 Line Equipped (1)	4.00	3.60	8.00	5.50
Call Return, per Centrex-1 Line Equipped (1)	4.00	3.60	8.00	5.50
Call Trace:				
per Centrex-1 Line Equipped (1)	N/A	N/A	8.00	5.50
per System (1)	N/A	N/A	28.00	5.50
per Activation	N/A	N/A	(2)	N/A
Calling Number Delivery, per Centrex-1 Line Equipped (1)	8.50	7.65	8.00	5.50
Priority Call, per Centrex-1 Line Equipped (1)	4.00	3.60	8.00	5.50
Selective Call Forwarding, per Centrex-1 Line Equipped (1)	4.00	3.60	8.00	5.50

(1) Not available to Centrex-1 lines equipped with ISDN BRI Service.

(2) Apply the Business Call Trace, Per Successful Activation, rate as specified in Section 4.5 of this Tariff

(3) Effective December 9, 2004 this service is no longer available for new subscribers.

(N)

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4. SERVICES (continued)

4.10 Centrex-1 (7) (continued) (N)

4.10.3 Rates and Charges (continued)

	<u>Monthly Rate</u>		<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
	<u>Rate Segment I</u>	<u>Rate Segment II</u>		
Call Transfer Disconnect, per Centrex-1 line equipped(4)	4.00	\$ 3.60	\$ 2.00 (1)	\$5.50
Call Waiting, per Centrex-1 line equipped (3)(5)	1.10	.99	15.00(1)(2)	5.50
Convenience Dialing I, per list (5)	.45	.41	5.00	5.50
Convenience Dialing II, per list (5)(6)	1.50	1.35	15.00	5.50
Convenience Dialing Access, per Centrex-1 line	.70	.63	15.00(1)(2)	5.50
Conference Calling, per Conference Arrangement (5)(6)	78.00	70.20	30.00	5.50
Conference Calling, per Centrex-1 line equipped to Access Conference Arrangement(5)(6)	---	---	5.00(1)(2)	5.50
Customer Alerting Enablement, per Centrex-1 line equipped (5)	1.00	.90	8.00	5.50

- (1) The Complex Installation/Move charge is not applicable if the optional feature is installed at the same time as the Centrex-1 line.
- (2) A maximum charge of \$15.00 applies per Centrex-1 line when adding any number of these optional features subsequent to the installation of the Centrex-1 line.
- (3) This feature is inclusive of the Cancel Call Waiting option where facilities permit.
- (4) All lines in the Centrex-1 system must be equipped with this feature.
- (5) Not available to Centrex-1 lines equipped with ISDN BRI Service.
- (6) Obsolete except to existing customer at existing locations.
- (7) Effective December 9, 2004 this service is no longer available for new subscribers. (N)

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4. SERVICES (continued)

4.10 Centrex-1(4) (continued)

(N)

4.10.3 Rates and Charges (continued)

	<u>Monthly Rate</u>		<u>Complex Installation/ Move Charge</u>	<u>Service and Equipment Charge</u>
	<u>Rate Segment I</u>	<u>Rate Segment II</u>		
Directed Call Pickup, per Centrex-1 line equipped (3)	\$.05	\$.04	\$15.00(1)(2)	\$5.50
Distinctive Ringing Common Equipment per system (3)	26.50	23.85	15.00	5.50
Class B Ringing/Tone, per Centrex-1 line equipped(3)	1.70	1.53	15.00(1)(2)	5.50
Remote Access to Call Forwarding, per Centrex-1 line equipped	2.75	2.48	8.00	5.50
Toll Restriction, per Centrex-1 line equipped	1.00	.90	9.50(1)(2)	5.50
Uniform Call Distribution, per Centrex-1 line equipped(3)	.15	.14	15.00(1)(2)	5.50

- (1) The Complex Installation/Move charge is not applicable if the optional feature is installed at the same time as the Centrex-1 line.
- (2) A maximum charge of \$15.00 applies per Centrex-1 line when adding any number of these optional features subsequent to the installation of the Centrex-1 line.
- (3) Obsolete except to existing customers at existing locations.
- (4) Effective December 9, 2004 this service is no longer available for new subscribers. (N)(D)

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4. SERVICES (continued)

4.10 Centrex-1 (3) (continued) (3)

4.10.3 Rates and Charges (continued)

	Nonrecurring <u>Charge</u>	Service and Equipment <u>Charge</u>
Nonrecurring Charges:		
Conversion from Centrex-1 Standard Package 1 to Standard Package 2 (1)	\$60.00	\$5.50
Change Charges (2)		
Call Forwarding Parameters	15.00	5.50
Call Pickup Group Assignments	15.00	5.50
Access to Code Access Calling	15.00	5.50
Codes		
Controlling Line for Convenience Dialing	15.00	5.50
Station-to-Station Dialing (Intercom) Code Assignments	15.00	5.50
Uniform Call Distribution Patterns	15.00	5.50

- (1) May require a number change due to Company reasons. The Service and Equipment Charge for number changes is not applied.
- (2) A maximum charge of \$15.00 applies per Centrex-1 line when changing one or more of these features.
- (3) Effective December 9, 2004 this service is no longer available for new subscribers. (N)

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4. SERVICES

4.11 Centrex Express (13)

(N)

Centrex Express is an optional central office-based communications system available to business customers. Centrex Express is provided through an arrangement of exchange access lines, Centrex Express stations and station line facilities, switching equipment, customer facility group and other facilities located on Company premises. A Centrex Express customer can control the number of simultaneous incoming and outgoing telephone calls through the quantity of Centrex Express exchange access lines to which they subscribe.

Centrex Express access lines are billed at the recurring rate equivalent to a flat rate trunk specified in the local exchange section of this Tariff.

A Centrex Express system may consist of multiple customer premises locations when all Centrex Express stations are served by the same serving central office.

4.11.1 Feature Array

A. Standard Features

The following standard features are available with each Centrex Express Station subject to the serving central office capability:

- Call Forwarding-Busy-Line-All Calls
- Call Forwarding-Don't Answer-All Calls
- Call Forwarding-Variable
- Call Hold
- Call Pickup
- Call Transfer-All Calls
- Direct Inward Dialing (DID)
- Direct Outward Dialing (DOD)
- Hunting-Basic
- Station-to-Station Dialing (Intercom)
- Three-Way Calling
- Touch-Tone Dialing

B. Optional Features

The following Optional Features are available with Centrex Express at the rates and charges provided herein, subject to the serving central office capability.

- Assume Dial Nine
- Call Waiting/Cancel Call Waiting
- Calling Name Delivery
- Calling Number Delivery
- Message Waiting Indication
- Speed Calling
- Toll Restriction

See Sheet 106.09 for footnotes

(T)

4. SERVICES (continued)

4.11 Centrex Express (13)(continued) (N)

4.11.2 Definitions

Assume Dial Nine – Provides for systemwide configuration that allows access to the Public Switched Telephone Network without the need to dial 9.

Call Hold – Allows a Centrex Express station user to hold one call for any length of time provided that neither party goes on-hook, through the use of a feature activation code that is dialed after a switchhook flash.

Call Pickup – Allows a Centrex Express station user to answer any call within an associated preset pickup group.

Call Transfer-All Calls – Allows a Centrex Express station user to transfer any established call to another telephone number within or outside the Centrex Express system. While the access line(s) may still be in use, the Centrex Express station user is then free to accept another call. The station user is prohibited from using this feature to avoid toll charges.

Hunting-Basic – Provides hunting for an idle line starting with the called station and ending with the last station in the prearranged group, completing the call to the first idle line encountered.

Message Waiting Indication – Provides the Centrex Express station user with an audible alerting tone (intermittent dial tone) from the customer's serving central office indicating waiting messages. The associated voice message service is not a part of the Centrex Express system.

Speed Calling – Allows a station user to place calls to other telephone numbers by dialing a one or two digit code rather than the complete telephone number. The customer may select a speed calling list that accommodates 30 or 50 stored numbers.

Station-to-Station Dialing (Intercom) – Allows a Centrex Express station user to directly dial other station lines within the same Centrex Express system without attendant assistance.

4.11.3 Rules and Regulations

A. The following terms used in this section shall mean:

Centrex Express Station: Consists of two rate elements, the appropriate station rate and station line facility rate. The combined rate elements comprise all facilities, including intercommunication, outside plant facilities and standard features from the Centrex Express dial switching equipment located on the Company premises.

Off-Premises Station: Off-Premises stations consist of two rate elements, the Off-Premises station rate and applicable private line charges. An Off-Premises station is used when a customer chooses to have a station by part of a system located in a central office other than the normal serving central office for that station's location.

See Sheet 106.09 for footnotes

(T)

4. SERVICES (continued)

4.11 Centrex Express (13)(continued) (N)

4.11.3 Rules and Regulations (continued)

A. The following terms used in this section shall mean: (continued)

Tie Line Terminations: Tie Line Terminations apply when terminating either analog, digital or other tie line arrangements into the Centrex Express system. Tie Line Terminations apply when linking a Centrex Express system with other Centrex systems or other customer provided premises communication systems.

B. Centrex Express service is available only where the necessary facilities exist.

C. Centrex Express Station Line Facilities are charged in mileage bands as measured in air miles from the station location to the customer's normal serving central office. The station line facility rates are applicable to all Centrex Express stations, except Off-Premises stations. The station line facility rate applies to Centrex Express stations in excess of the number of Centrex Express access lines.

D. Centrex Express customers may retain up to five telephone numbers from prior services when converting to Centrex Express.

E. Termination liability applies if a customer

1. disconnects the entire service
2. disconnects more than 35% of the highest number of stations attained during the duration of the contract. The number of stations disconnected that exceeds this allowable number is the net terminated stations.

The termination charge is calculated as follows:

1. number of net terminated stations, multiplied by
2. monthly Centrex Express station charge (plus the station line facility charge) relevant for that customer's contract term, multiplied by
3. the number of months remaining on the contract.

In addition, the present worth of any nonrecurring charges that have been converted to monthly charges must be paid in full, applied to another Centrex contract payment plan or deferred over the length of another Centrex contract term.

4.11.4 Rates and Charges

A. Centrex Express Access Line Rates

Rates and charges for simulated Access Lines shall be the equivalent monthly Flat Rate Trunk as set forth in Section 4.1.1 of this Tariff. These facilities may be used for either interoffice station-to-station and/or network access requirements.

See Sheet 106.09 for footnotes

(T)

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4. SERVICES (continued)

4.11 Centrex Express (13) (continued) (N)

4.11.4 Rates and Charges (continued)

B. Monthly Rates

1. RATE SEGMENT I	<u>M-T-M</u>	<u>12 Mos.</u>	<u>24 Mos.</u>	<u>36 Mos.</u>	<u>48 Mos.</u>	<u>60 Mos.</u>
Stations						
Basic Station	\$8.00	\$7.80	\$7.60	\$7.40	\$7.20	\$7.00
Off-Premises Station	8.00	7.80	7.60	7.40	7.20	7.00
Station Line Facility(1)						
0-2 Mile	12.00	11.80	11.60	11.40	11.20	11.00
Over 2 Mile	30.00	29.80	29.60	29.40	29.20	29.00
Tie Line Terminations(2)						
Analog Tie Line Termination	33.00	33.00	33.00	33.00	33.00	33.00
Digital Tie Line Termination(3)						
- DS1	190.00	190.00	190.00	190.00	190.00	190.00
- DS0	14.00	14.00	14.00	14.00	14.00	14.00
2. RATE SEGMENT II	<u>M-T-M</u>	<u>12 Mos.</u>	<u>24 Mos.</u>	<u>36 Mos.</u>	<u>48 Mos.</u>	<u>60 Mos.</u>
Stations						
Basic Station	\$7.20	\$7.02	\$6.84	\$6.66	\$6.48	\$6.30
Off-Premises Station	\$7.20	\$7.02	\$6.84	\$6.66	\$6.48	\$6.30
Station Line Facility(1)						
0-2 Mile	10.80	10.62	10.44	10.26	10.08	9.90
Over 2 Mile	27.00	26.82	26.64	26.46	26.28	26.10
Tie Line Terminations(2)						
Analog Tie Line Termination	29.70	29.70	29.70	29.70	29.70	29.70
Digital Tie Line Termination(3)						
- DS1	171.00	171.00	171.00	171.00	171.00	171.00
- DS0	12.60	12.60	12.60	12.60	12.60	12.60

See Sheet 106.09 for footnotes

Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.11 Centrex Express (13) (continued) (N)

4.11.4 Rates and Charges (continued)

B. Monthly Rates (continued)

3. RATE SEGMENT I	<u>M-T-M</u>	<u>12 Mos.</u>	<u>24 Mos.</u>	<u>36 Mos.</u>	<u>48 Mos.</u>	<u>60 Mos.</u>
Optional Features						
Assume Dial Nine Per System, Per C.O.	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00
Call Waiting/Cancel Call Waiting Per Station	0.20	0.20	0.20	0.20	0.20	0.20
Caller ID, Per station Calling Number Delivery	1.50	1.50	1.50	1.50	1.50	1.50
Calling Name Delivery	1.50	1.50	1.50	1.50	1.50	1.50
Calling Name and Number Delivery	2.50	2.50	2.50	2.50	2.50	2.50
4. RATE SEGMENT II	<u>M-T-M</u>	<u>12 Mos.</u>	<u>24 Mos.</u>	<u>36 Mos.</u>	<u>48 Mos.</u>	<u>60 Mos.</u>
Optional Features						
Assume Dial Nine Per System, Per C.O.	\$22.50	\$22.50	\$22.50	\$22.50	\$22.50	\$22.50
Call Waiting/ Cancel Call Waiting Per Station	0.18	0.18	0.18	0.18	0.18	0.18
Caller ID, Per Station Calling Number Delivery	1.35	1.35	1.35	1.35	1.35	1.35
Calling Name Delivery	1.35	1.35	1.35	1.35	1.35	1.35
Calling Name and Number Delivery	2.25	2.25	2.25	2.25	2.25	2.25

See Sheet 106.09 for footnotes

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4. SERVICES (continued)

4.11 Centrex Express (13)(continued) (N)

4.11.4 Rates and Charges (continued)

B. Monthly Rates (continued)

5. RATE SEGMENT I Optional Features (continued)	<u>M-T-M</u>	<u>12 Mos.</u>	<u>24 Mos.</u>	<u>36 Mos.</u>	<u>48 Mos.</u>	<u>60 Mos.</u>
Message Waiting Indication Per Station.	\$0.10	\$0.10	\$0.10	\$0.10	\$0.10	\$0.10
Speed Calling Per Station	0.20	0.20	0.20	0.20	0.20	0.20
Toll Restriction Per Station	0.25	0.25	0.25	0.25	0.25	0.25
6. RATE SEGMENT II Optional Features (continued)	<u>M-T-M</u>	<u>12 Mos.</u>	<u>24 Mos.</u>	<u>36 Mos.</u>	<u>48 Mos.</u>	<u>60 Mos.</u>
Message Waiting Indication Per Station	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09
Speed Calling Per Station	0.18	0.18	0.18	0.18	0.18	0.18
Toll Restriction Per Station	0.23	0.23	0.23	0.23	0.23	0.23

See Sheet 106.09 for footnotes

(T)

4. SERVICES (continued)

4.11 Centrex Express (13) (continued)

(N)

4.11.4 Rates and Charges (continued)

C. Nonrecurring Charges

	<u>Installation Charge</u>	<u>Service Connection Charge</u>
System Establishment-Per System(4)	\$100.00	\$0.00
Station Installation-Per Station	--	28.50
Analog Tie Line Termination	70.00	6.75(8)
Digital Tie Line Termination(3)		
-DS1	70.00	6.75(8)
-DSO	--	6.75(8)
System Subsequent Change		
- Per Service C. O. (5)	47.00	--
Station Subsequent Change		
- Per Station(6)	0.50	3.85(7)(9)
Supersedure Fee, Per System, per C.O.	25.00	--
Transfer of Telephone Numbers		
- To Plexar Express, per number	25.00(10)	3.85(11)
- To Other Business Services, per number	25.00(12)	3.85(12)
Optional Features		
Assume Dial Nine, Per System, per C.O.	10.20	6.75(8)
Call Waiting/Cancel Call Waiting		
- Per System, per C.O.	18.00	6.75(8)
- Per Station	0.50	6.75(8)
Caller ID		
Calling Number Delivery		
- Per System, per C.O.	19.10	6.75(8)
- Per Station	1.45	6.75(8)
Calling Name Delivery		
- Per System, per C.O.	4.80	6.75(8)
- Per Station	1.45	6.75(8)
Calling Name & Number Delivery		
- Per System, per C.O.	23.90	6.75(8)
- Per Station	2.90	6.75(8)

See Sheet No. 106.09 for footnotes

Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.11 Centrex Express (13)(continued)

(N)

4.11.4 Rates and Charges (continued)

C. Nonrecurring Charges (continued)

	<u>Installation Charge</u>	<u>Service Connection Charge</u>
Caller ID (continued)		
Conversion Charges		
Calling Number Delivery to Calling Name & Number Delivery		
- Per System, per C. O.	\$4.80	\$6.75(8)
- Per Station	1.45	6.75(8)
Calling Name Delivery to Calling Name & Number Delivery		
- Per System, per C. O.	23.90	6.75(8)
- Per Station	1.45	6.75(8)
Message Waiting Indication		
- Per System, per C. O.	4.80	6.75(8)
- Per Station	0.50	6.75(8)
Speed Calling		
- Per System, per C. O.	10.20	6.75(8)
- Per Station	0.50	6.75(8)
Toll Restriction		
- Per System, per C. O.	91.75	6.75(8)
- Per Station	0.50	6.75(8)

See Sheet 106.09 for footnotes

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4. SERVICES (continued)

4.11 Centrex Express (continued)Footnotes

- (1) The Station Line Facility applies to Centrex Express stations in excess of the number of Centrex Express access lines, per system, per serving central office.
- (2) In addition, appropriate tariff rates and charges for the facility being terminated apply.
- (3) One DS1 connection is required per 24 DS0s.
- (4) Applies per serving central office.
- (5) Applies when changes are made affecting entire system.
- (6) Applies per feature, per station, when making changes subsequent to initial system installation to add, change, or rearrange standard features.
- (7) Applies per station regardless of the number of standard features added, changed or rearranged.
- (8) Not applicable if the feature is installed at the same time as the Centrex Express system.
- (9) Not applicable if the subsequent change is associated with the installation of the station.
- (10) Standard capability of a Plexar Express arrangement includes the customer retaining a maximum of five existing telephone numbers, at the time of initial installation, per serving central office. This charge applies to those numbers exceeding five. When the customer requests the addition of telephone numbers subsequent to initial installation, this charge applies to each number.
- (11) Applicable when transferring telephone numbers subsequent to initial system installation.
- (12) Not applicable when the customer disconnects the entire Plexar Express System.
- (13) Effective December 9, 2004 this service is no longer available for new subscribers. (N)

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4. SERVICES (continued)

4.12 Integrated Services

4.12.1 CSV/CSD Transport (6)

(N)

The following rate elements provide for digital CSV/CSD transport through central office switching equipment and are in lieu of the local exchange access rates. These rate elements cover local exchange access usage only. The local loop is included in the rates for the digital services provided in the remaining sections of this tariff. These CSV/CSD local service transport options are offered only in conjunction with services provided under this Tariff section and are not available on a stand-alone basis. Each CSV/CSD transport rate element shall constitute a local exchange access arrangement and is offered with identical local usage options and calling scopes as defined in the Sections 4.2, 4.3 and 4.4, unless otherwise noted in this Section.

See Sheet No. 112 for footnotes

(T)

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4. SERVICES (continued)

4.12 Integrated Services (6) (continued) (N)

4.12.1 CSV/CSD Transport (continued)

A. Business Trunk Equivalent

1. Flat Rate Usage (4)

- ISDN PRI Service
 Compatible DID/DOD, each (1)(2)

<u>Rate Group (3)</u>	<u>Monthly Rate</u>	
	<u>Rate</u>	<u>Rate</u>
	<u>Segment I</u>	<u>Segment II</u>
A	\$30.00	\$30.00
A1 (3)	30.00	27.00
B	38.10	38.10
B1 (3)	38.10	34.29
C-Principal Zone	41.20	37.08
C-Metropolitan Calling Area-1 Zones	44.50	40.05
D-Principal Zone	51.65	46.49
D-Metropolitan Calling Area-1 Zones	53.55	48.20
D-Metropolitan Calling Area-2 Zones	56.05	50.45
Local Metro "A"	54.80	49.32

2. Measured Rate Usage (4)

- ISDN PRI Service
 Compatible DID/DOD, each (1)(2)

Monthly Rate

Applicable to all Rate Groups (3)

NOTE: Local measured service usage charges apply as specified in Section 4.1 of this Tariff.

3. Message Rate Usage (4)

- ISDN PRI Service
 Compatible DID/DOD, each (1)(2)
 Initial or Additional

Monthly Rate

Applicable to all Rate Groups (3)

NOTE: See Section 4.1 of this Tariff for message service availability, message allowance and charge per additional message.

See Sheet No. 112 for footnotes

Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (6) (continued) (N)

4.12.1 CSV/CSD Transport (continued)

B. One-Party Equivalent

1. Flat Rate Usage (4)

ISDN BRI Service Compatible
 Payment Option 1 – each B channel (1)(2)(5)

	<u>Monthly Rate</u>	
	<u>Rate Segment I</u>	<u>Rate Segment II</u>
Applicable to all Rate Groups (3)	17.25	\$15.53

2. Measured Rate Usage

(a) ISDN BRI Service Compatible
 Payment Option 2 – each Basic Rate Interface (1)(2)(5)

	<u>Rate Segment I</u>		<u>Rate Segment II</u>	
	<u>Monthly Rate</u>	<u>Per Minute Rate</u>	<u>Monthly Rate</u>	<u>Per Minute Rate</u>
Applicable to all Rate Groups (3)				
Usage Package A – includes up to 600 minutes of local usage per month.	\$ 0.00		\$ 0.00	
Per Minute, or fraction thereof, in excess of 600 minutes of local usage allowance.		\$.04		\$0.036
Usage Package B – includes up to 7,200 minutes of local usage per month.	18.00		16.20	
Per Minute, or fraction thereof, in excess of 7,200 minutes of local usage allowance.		.02		0.018

See Sheet No. 112 for footnotes.

Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.1 CSV/CSD Transport (6) (continued) (N)

2. Measured Rate Usage (continued)

(b) Optional Detail Billing	Rate <u>Segment I</u>	Rate <u>Segment II</u>
Monthly Preparation Charge	\$1.00	\$.90
Printed Listing (per message charge)	.01	.009

Applicable Service and Equipment Charge, as specified in Section 4.1 of this Tariff, apply for both initiating and terminating this optional service offering.

These charges apply in addition to applicable usage charges specified in Paragraph 4.12.1.A, preceding.

Footnotes

- (1) The rates for main service do not include a telephone instrument.
- (2) Service is only offered where facilities are available.
- (3) For Rate Group classifications, see Section 3.1 of this Tariff.
With exception:
A1 Rate Center includes Agency, DeKalb, Portage Des Sioux, Rushville, San Antonio.
B1 Rate Center includes Chesterfield, Fenton, Imperial, Manchester, Maxville, St. Charles, Valley Park
- (4) For rules and regulations, refer to Sections 2 and 4 of this Tariff.
- (5) Each B Channel configured for CSV/CSD shall constitute a local exchange access arrangement
- (6) Effective December 9, 2004 this service is no longer available for new subscribers. (N)

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15)

(T)

A. Service Definition

ISDN PRI Service provides access to and from the Public Switched Telephone Network for circuit-switched voice (CSV) and circuit-switched data (CSD) communications. Can also be configured to provide packet switched data (PSD) capability, which provides access to the Company's Public Packet Switched Network. ISDN PRI Service is provided using Integrated Services Digital Network (ISDN) architecture. ISDN services available with ISDN PRI Service use Primary Rate Interface (PRI) technology. ISDN PRI Service employs a 1.544 Mbps facility typically divided into 23 B channels and 1 D channel. B channels are used for voice and data communications while the D channel provides out-of-band signaling.

B. Service Components

Backup D-Channel (BD-C) – Allows, in certain central offices, enhanced survivability of ISDN PRI links by providing automatic takeover for a failed D-Channel.

Calling Line Identification (CLID) – Allows the number and/or name (where technically capable) of the calling party to be delivered to the called party as part of the called party set up message, i. e., before ringing begins.

Closed User Group – A packet switched data feature that provides a mechanism for creating a private network that restricts packet data communications between group members and non members. It includes the following features: Closed User Group with Incoming Access and Closed User Group with Outgoing Access.

Closed User Group with Incoming Access – A packet switched data feature that enables terminals belonging to a closed user group to receive incoming calls from terminals outside of the closed user group.

Closed User Group with Outgoing Access – A packet switched data feature that enables terminals belonging to a closed user group to originate outgoing calls to terminals both within and outside of the closed user group.

Common Line 800 Service Option – Provides the customer with the capability to complete Common Line 800 Service calls over a ISDN PRI .

Dynamic Channel Allocation (DCA) – Allows a customer to designate the quantity of call types to be allocated within previously provisioned criteria for either DID or DOD services. In equipped central offices, this feature will also include FSO, Common Line 800, Outward WATS, tie line and FX services. (This feature is also known in the industry as call-by-call service selection.)

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15)

(T)

B. Service Components (continued)

Enhanced Alternate Route – Allows incoming voice or data calls to overflow on a disaster and busy basis to a line side connection designated by the customer. A route may be limited in the number of simultaneous calls that can be routed. Available where technical capabilities exist.

Flow Control Parameter Negotiation – A packet switched data feature that permits the customer's CPE and central office switch to communicate and agree upon what fundamental PSD language will be used during a data transmission. This feature allows the calling data transmission equipment to select a window or packet size in the call request packet and the called data transmission equipment to accept the transmitted values, reject the call or select new transmission values. The action occurs automatically with each call.

Hunt Group for PSD – A packet switched data feature that allows an incoming call to terminate on any line within a designated group of lines. The sequence in which the search for the terminating line is conducted is determined by the type of hunting (linear or uniform) feature chosen by the customer.

Incoming Calls Barred – A packet switched data feature that prohibits a data terminal from accepting incoming calls.

Inform 911 – An optional upgrade feature which allows the Calling Party Number of the station to be sent to the E911 database rather than the Billed Telephone Number. It is the customer's responsibility to provide station number updates to the 911 database. Available where technical capabilities exist.

Integrated Services Digital CSV/CSD Transport Option - Provides for the local use of the PSTN. Only Integrated Service Digital CSV/CSD Transport Options, noted as "ISDN PRI Service Compatible" in Section 4.12.1 can be associated with ISDN PRI Service. This component is not required with tie line services and Permanent PSD B-Channel.

Link Extension – Provides the additional central office hardware and facility required to provide ISDN PRI Service to a customer located in an exchange outside the non-optional local calling scope of the ISDN PRI-equipped serving office. Application of this rate element is dependent upon the customer's location and the fact that the customer is served from the ISDN PRI serving office designated by the Company.

Local Charge Prevention – This feature prevents virtual packet calls from being charged to the data terminal equipment (DTE). All virtual packet calls originated from the DTE will have to be reverse charged. All incoming calls signaling reverse charging will be cleared.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15)

(T)

B. Service Components (continued)

Logical Channel – A packet switched data communication path which allows two-way simultaneous transmission of data packets through the network.

Network Ring Again (NRA) – Allows, in certain central offices, the customer to automatically complete calls made to busy stations of a different PRI connected PBX system serviced by the same central office switch.

Outgoing Calls Barred – A packet switched data feature that prohibits a data terminal from sending outgoing packet calls.

Outward WATS Option – Provides the customer with the capability to originate Outward WATS calls over an ISDN PRI.

Permanent Packet Switched Data (PSD) B Channel – Packet switching virtual circuit over a B channel using X.25 packet switched data at speeds up to 64 Kbps. It includes the following features: Up to 127 Logical Channels, Flow Control Parameter Negotiation, Throughput Class Negotiation, Reverse Charge, Reverse Charge Acceptance, Throughput Class Selection, Incoming Calls Barred, Outgoing Calls Barred, Hunt Group for PSD, and RPOA Selection.

Permanent Virtual Circuit – This feature allows the transfer of packet switched data without the need for call setup and clearing procedures to occur. A logical channel is permanently assigned to this circuit, and data may be passed at any time. Call set-up charges are not applicable to Permanent Virtual Circuits.

Recognized Private Operating Agency (RPOA) Selection – Allows the customer to use a packet inter-network provider other than the preselected primary provider by dialing a specific code on a per call basis.

Reverse Charge – A packet switched data feature that allows a user to assign billing (on a per-call basis) charges to the called party rather than the calling party.

Reverse Charge Acceptance – A packet switched data feature that allows the data communications equipment to accept incoming calls which have requested the reverse charging facility. The charges for this call will be billed to the terminating party.

Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15)

(T)

B. Service Components (continued)

ISDN PRI – Provides the PRI termination and a digital multichannel transmission path between the central office and the customer's premises.

Station Record Detail – An optional feature that will provide the customer with the station number of all originating calls on the customer bill so that call information can be tracked at a station level. Available where technical capabilities exist.

Throughput Class Negotiation – A packet switched data feature that allows the calling data terminal to negotiate a lower throughput class other than the preassigned standard network default.

Throughput Class Selection – A packet switched data feature that allows a user to select one of the following speeds in bits per second: 75, 150, 300,600, 1200, 2400, 4800, 9600, 19200.

Universal Termination – Provides continuity between the ISDN PRI and the PSTN using central office equipment for Foreign Exchange (FX), Foreign Serving Office (FSO) and tie line services.

C. Standards Compliance

ISDN PRI Service is designed to all relevant International Telephone and Telegraph Consultative Committee (CCITT) and Bellcore standards.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15) (T)

D. Technical Specifications

Transmission and network interface requirements are specified in the following Bellcore documents: TR-TSY-000754, Issue 1, March 1990 - ISDN Primary Rate Access Transport System Requirements; TR-TSY-000776, Network Interface Description for ISDN Customer Access; TR-NWT-001268 ISDN Primary Rate Interface Call Control Switching and Signaling Generic Requirements for Class II Equipment; TR-NWT-001187 ISDN Calling Number Identification Services for Primary Rate Interfaces; and TR-NWT-001270 Generic Requirements for Call-by-Call Service Selection for Private Facilities, OUTWATS, and INWATS. These documents may be obtained from:

Bellcore Document Register
455 South Street, Room 2J-125
Morristown, NJ
1-800-521-2673

And the following American National Standards Institute document: T1E1.2/88-0979R3 – ISDN Primary Rate Customer Installation Interface. This document may be obtained from:

American National Standards Institute
Attention: Customer Services
11 West 42nd Street
New York, NY 10036
(212) 642-4900

E. Regulations

The following regulations apply in addition to other regulations stated in this and sections of this Tariff. For the purposes of this service, where such other regulations apply on a “per line” basis, they shall be interpreted, in this instance, to apply on a “per channel” basis.

1. ISDN PRI Service requires compatible registered customer-provided equipment (CPE) under FCC Part 68.
2. The ISDN PRI Interface is not available on a standalone basis. At a minimum, the ISDN PRI Interface is offered with the CSV/CSD local service transport ISDN PRI Service compatible option, or with the Permanent Packet Switched Data B Channel, or with the Universal Termination for private line/tie line services.
3. Other ancillary tariff offerings requested by the customer and compatible with this offering may be furnished in accordance with the regulations and at the rates and charges specified in the applicable section of this Tariff. Should such ancillary services normally be applied on a “per line” basis, they will, in this instance, apply on a “per channel” basis. The central office switching equipment (trunk termination) portion of DID Service is not applicable for DID local exchange service associated with this offering and is, therefore, not chargeable.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15)

(T)

E. Regulations (continued)

4. In addition to the rates and charges contained in this Tariff, the customer is responsible for the payment of all related charges for exchange services, miscellaneous and supplemental services as specified in this and other tariffs of the Company.
5. Upon subscribing to ISDN PRI Service, the Customer may be required to change telephone numbers.
6. The Company will designate the ISDN PRI-equipped central office(s) used to physically provision ISDN PRI Service to customers in each exchange. In many cases, a customer's designated ISDN PRI serving office will be different from the normal serving office designated for basic local exchange service.
 - a. If the customer's normal serving office is within the non-optional local calling scope of the designated ISDN PRI serving office, Link Extension and Foreign Serving Office charges will not apply.
 - b. If the customer's normal serving office is not within the non-optional local calling scope of an ISDN PRI-equipped central office, the customer will be provided with ISDN PRI Service from the designated ISDN PRI equipped central office and the rates and charges for Link Extension, as specified in this Tariff, will apply.
 - c. In cases 1 and 2 preceding, when there is a change in the central office designated as the ISDN PRI serving office for a customer's location, the customer's ISDN PRI Service will continue to be provided from the original ISDN PRI serving office, is possible. Should the Customer subsequently request that their ISDN PRI Service be provisioned from the new designated serving office, the provisions and charges specified in this Tariff for moves and disconnects will apply. The Company may request that the customer, at the customer's option, have the customer's ISDN PRI Service provided from the new designated serving office and, in conjunction therewith, may offer to waive move and/or disconnect charges.
7. In the event that the ISDN PRI is disconnected after the service is established but prior to expiration of the service term, the customer will be required to pay a charge equaling the sum of monthly payments remaining on the service term for each ISDN PRI disconnected. When a customer with an existing contract converts to another Company digital service under a contract term which is equal to or greater than the number of months remaining on the ISDN PRI Service contract being terminated, the charges specified above in this paragraph shall be modified as follows: If the customer converts within the first 12 months of the contract, the charge is multiplied by 0.20 (20%). If the customer converts after 12 months, there is no charge.

Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15)

(T)

E. Regulations (continued)

8. If the customer cancels an order for service after installation of the required equipment and facilities, but before service is established, the customer agrees to pay a charge equaling the sum of monthly payments remaining on the service term as if the service had actually been established. The customer may not avoid this provision by simply extending their acceptance of service date.
9. If the customer cancels an order for service before installation of the required equipment and facilities is completed, the customer agrees to pay all expenses incurred in connection with the handling of the request before notice of cancellation is received by the Company. This charge, however, shall not exceed all charges which would have been applicable if the service had been installed.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15) (T)

F. Rates and Charges (1)

1. Monthly Rates

<u>Description</u>	D-Principal Zone, D-MCA-1,	
	<u>D-MCA-2, MCA-3</u>	<u>MCA-4</u>
ISDN PRI		
Month-to-Month Service	\$900.00	\$1,000.00
12-Month Service Term (1)(2)	800.00	900.00
Dynamic Channel Allocation, per PRI	50.00	50.00
Backup D-Channel, per PRI	10.00	10.00
Caller ID Name and Number, per PRI	No charge	No charge
DID Numbers, per 10	5.00	5.00
DID Numbers, per 100	15.00	15.00

2. Non-recurring Charges

<u>Description</u>	
Installation, per PRI	
Month-to-Month Service	\$900.00
12-Month Service Term	600.00
Move, per PRI	100.00
Change DC, per order	50.00
Modify configuration of a PRI arrangement, per order	50.00
Add any service component, per order	50.00

- (1) If service is canceled for any reason within fourteen (14) days from the date the Customer signs a request for service (the "Signature Date"), no termination charges or applicable installation charges will be incurred. After fourteen (14) days, Customer will be liable for termination charges and for installation fees. If Birch does not install Service within sixty (60) days from the Signature Date (unless due to customer delays), Customer may terminate the Service with no termination charges.
- (2) If the Customer terminates ISDN PRI prior to the end of the twelfth month from the date the Customer signs a request for service (the "Signature Date"), the Customer will be liable for a termination charge of \$150 plus twenty percent (20%) of the remaining months' monthly recurring charges in the term.

4. SERVICES (continued)

4.12 Integrated Services (continued)

Reserved for Future Use.

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4. SERVICES (continued)

4.12 Integrated Services (continued)

Reserved for Future Use.

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4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (continued)

Footnotes

- (1) Rates and charges stated are in addition to those specified for DID, DOD, FX, FSO, and tie line services in this and other Company tariffs.
- (2) This charge applies only when an additional unit is ordered and installed with an initial unit per customer, per request, per due date, per location.
- (3) Integrated Services Digital CSV/CSD Transport Options are not applicable with tie line service or with Permanent PSD B Channel.
- (4) Only the Integrated Services Digital CSV/CSD Transport options which are "ISDN PRI Service Compatible" can be associated with ISDN PRI Service. For rates see Section 4.10.1 of this Tariff.
- (5) In certain central offices, the additional services of Intrastate, IntraLATA Foreign Exchange (FX) Service, Foreign Service Office (FSO) Service and tie line service may be associated with ISDN PRI Service on a per channel basis.
- (6) This charge applies only when an additional Universal Termination of the same call type is ordered and installed with the initial Universal Termination per customer, per request, per due date.
- (7) This charge applies only to modifications subsequent to the installation of the initial service.
- (8) FX/FSO, Outward WATS, and Common Line 800 Service each require an Integrated Services Digital CSV/CSD Transport Option.
- (9) Allows one packet end point and/or telephone number. In addition, Digital Packet Switching Usage charges apply per Paragraph 4.10.4 of this Tariff.
- (10) Loop Protection Feature will be provided where fiber optic facilities are not available. Special Construction Charges may apply when fiber optic facilities are not available or unusual.
- (11) If a customer's request to upgrade from vendor-specific to National ISDN requires a move to a different ISDN PRI serving office, the change is treated as a move and this rate does not apply.
- (12) This charge applies to modify, change, or rearrange an Integrated Services Digital CSV/CSD Transport Option, Outward WATS Option, Inward WATS Option, Network Ring Again feature, PSD Network Rate Element, or Packet Switched Data Option. The charge applies per order.
- (13) This charge applies when adding an Integrated Services Digital CSV/CSD Transport Option, Outward WATS Option, Network Ring Again feature, PSD Network Rate Element, or Packet Switched Data Option subsequent to the initial installation of the ISDN PRI. Any service component related installation charges from this tariff are also applicable. The Add Charge applies per service component with a maximum charge of \$145.00 per order exclusive of any installation charges.
- (14) Installation charges for Enhanced Alternate Route, Station Record Detail and Inform 911 only apply when these features are added to existing ISDN PRI Service. Installation charges for these features do not apply when ordered at the same time as the ISDN PRI Service with which they are associated.
- (15) This service is available to current subscribers of the service only and will not be offered to new subscribers after January 16, 2004 (N)

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11)

(N)

A. Service Definition

ISDN BRI Service is a Basic Rate (BRI) Integrated Services Digital Network (ISDN) based service which offers two 64 Kilobits per second (Kbps) B channels and one 16 Kbps D channel. One or both B channels may be configured for circuit switching or packet switching. Calls over a B channel configured for circuit switching may be either voice or data. The D channel carries out of band signaling for the B channel(s) and may also be configured for packet switching. ISDN BRI Service, when configured for circuit switching, provides access to and from the Public Switched Telephone Network (PSTN). ISDN BRI Service, when configured for packet switching, provides access to the Company's Packet Switched Network (PPSN).

B. Service Components

Additional Call Offering – A non-EKTS feature that notifies the user of an additional circuit switched voice call that would normally be cleared because the user's interface is busy. (The method of notification to the end-user is customer premises equipment dependent.)

Additional End Point/Telephone Number – A PSD-D or On Demand PSD-B option that provides an additional end point (terminal equipment identifier) or telephone number. Up to eight packet end points/telephone numbers may be activated with the PSD-D or On Demand PSD-B Network Rate Element.

Analog Member in a Hunt Group – This feature provides for an analog interface in an ISDN BRI Hunt Group.

Basic Electronic Key Terminal Service (Basic EKTS) Feature Package – A circuit switched voice option that enhances normal telephone use. It consists of: Bridging, Bridged Call Exclusion, Call Forwarding Don't Answer, Call Forwarding Interface Busy, Call Forwarding Variable, Message Waiting Indicator, Speed Call Long or Speed Call Short, and Three-Way Conference Calling. A Basic EKTS terminal supports only one call appearance per telephone number.

Basic Rate Interface – Provides the central office hardware, software and a 144Kbps facility required to provide ISDN BRI Service.

Bridged Call Exclusion – A Basic EKTS and CACH EKTS feature that allows a user to prohibit other stations from picking up a call on hold or bridging onto a call that is active at that terminal.

Bridging – A Basic EKTS and CACH EKTS feature that allows a user to join an active call by pressing the active call appearance button and going off hook. This establishes a three-way call. This feature is different from basic three-way calling because the third party initiates the bridge to the active call. Bridging is inhibited if Bridged Call Exclusion is activated on a terminal engaged in the active call. Only one additional shared call appearance user may bridge to an active-two-way call. Bridging cannot be activated on an existing three-way call.

See Sheet No. 119 for footnotes.

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Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued) (N)

B. Service Components (continued)

Call Appearance – A button on an electronic telephone set that serves as a telephone number designation or appearance. A single telephone number can appear on multiple electronic telephone sets and/or multiple times on the same electronic set. A visual indicator identifies the status of the call appearance (e. g., the lamp may flash for an unanswered call, blink for a call that has been placed on hold, remain dark for an idle call appearance, or remain steady for the currently active call).

Call Appearance Call Handling Electronic Key Terminal Service (CACH EKTS) Feature Package – A circuit switched voice option that allows multiple telephone numbers and call appearances. Other service features included with this package are: Bridging, Bridged Call Exclusion, Call Forwarding Don't Answer, Call Forwarding Interface Busy, Call Forwarding Variable, Intercom, Key System Coverage for Analog Lines, Message Waiting Indicator, Speed Call Long or Speed Call Short, and Three-Way Conference Calling. (Additional Call Offering is inherent with this feature.)

Call Forwarding Interface Busy – A feature that permits calls reaching a busy telephone number to be redirected to another telephone number.

Call Pickup – This feature allows a user to answer an incoming call to another party's telephone in the same user pickup group.

Call Transfer Disconnect – This feature allows an ISDN BRI customer to transfer a call to another telephone number and then hang-up, leaving the two remaining parties connected. The ISDN BRI customer would then be free to accept another call. The ISDN BRI customer is prohibited from using this feature to avoid toll.

Closed User Group – A packet switched data feature that provides a mechanism for creating a private network that restricts packet data communications between group members and non members. It includes the following features: Closed User Group with Incoming Access, Closed User Group with Incoming Calls Barred, Closed User Group with Outgoing Access and Closed User Group with Outgoing Calls Barred.

Closed User Group with Incoming Access – A packet switched data feature that enables terminals belonging to a closed user group to receive incoming calls from terminals outside of the closed user group.

Closed User Group with Incoming Calls Barred – A packet switched data feature that permits the subscribed terminals to originate virtual calls terminals having the same closed user group, but precludes the reception of incoming calls from terminals in the same closed user group.

Closed User Group with Outgoing Access – A packet switched data feature that enables terminals belonging to a closed user group to originate outgoing calls to terminals both within and outside of the closed user group.

See Sheet No. 119 for footnotes.

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4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued)

(N)

B. Service Components (continued)

Closed User Group with Outgoing Calls Barred – A packet switched data feature that permits the subscribed terminals to receive virtual calls from terminals having the same closed user group, but prevents the terminals from originating virtual calls to terminals in the same closed user group.

Delayed and Abbreviated Ringing – A Basic EKTS and CACH EKTS feature that alerts a terminal for a predetermined interval (abbreviated ringing) before ringing another designated EKTS terminal (delayed ringing). The customer can choose from several options for the type of audible and/or visual alerting to be given at each station.

Detailed Call Report – Provides customers subscribing to the Measured Usage Option a monthly report detailing all completed local circuit switched calls during the billing period.

ISDN BRI Service Area – a geographic area consisting of one or more ISDN BRI equipped exchanges and/or zones.

Fast Select – A packet switched data feature that allows a user to send a maximum of 128 bytes of data in call setup and clearing packets. There are two modes, fast select and fast selection with restriction. The user must request the fast select facility in the call request packet when more than 16 bytes of user data is desired in the call setup and clearing packet.

Fast Select Acceptance – A packet switched data feature that allows a user to receive a call request packet with up to 128 bytes of user data. The user may also respond with a call connect or clear request packet with up to 128 bytes of user data, depending on the type of fast select requested in the call request packet.

Flow Control Parameter Negotiation – A packet switched data feature that permits the customer's CPE and central office switch to communicate and agree upon what fundamental PSD language will be used during a data transmission. This feature allows the calling data transmission equipment to select a window or packet size in the call request packet and the called data transmission equipment to accept the transmitted values, reject the call or select new transmission values. The action occurs automatically with each call.

Hunt Group for CSD – This feature provides for a predefined search (circular, linear or uniform) for an idle directory number to which a circuit switched data call can be offered.

Hunt Group for CSV – This feature provides for a predefined search (circular, linear or uniform) for an idle directory number to which a circuit switched voice call can be offered. Directory numbers subscribing to hunting may not have multiple call appearances.

Hunt Group for PSD – A packet switched data feature that allows an incoming call to terminate on any line within a designated group of lines. The sequence in which the search for the terminating line is conducted is determined by the type of hunting (linear or uniform) feature chosen by the customer.

See Sheet No. 119 for footnotes.

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Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued) (N)

B. Service Components (continued)

Hunt Group Transfer for CSD – This feature transfers circuit switched data calls that terminate to a circuit switched data hunt group to a backup circuit switched data hunt group.

Incoming Calls Barred – A packet switched data feature that prohibits a data terminal from accepting incoming calls.

Intercom – This feature allows a CACH EKTS user to call other terminals in the CACH EKTS group with one or two-digit dialing or by activating a button on the CACH EKTS set.

Integrated Services Digital CSV/CSD Transport Option - Provides for the local use of the PSTN. Only Integrated Service Digital CSV/CSD Transport Options, noted as “ISDN BRI Service Compatible” in Section XXX can be associated with ISDN BRI Service.

Key System Coverage for Analog Lines – This feature allows an analog station set to share calls with a CACH EKTS set.

Link Extension Equipment – Provides the additional central office hardware required to provide ISDN BRI Service to a customer located outside an ISDN BRI Service Area or as a FSO/FX arrangement.

Link Extension Facility – A 144 Kbps facility that extends from the customer’s normal serving central office to their Company designated ISDN BRI serving office. This rate element is only applicable when the customer’s exchange is not located within an ISDN BRI Service Area and the customer is served from a Company designated ISDN BRI serving office.

Local Charge Prevention – This feature prevents virtual packet calls from being charged to the data terminal equipment (DTE). All virtual packet calls originated from the DTE will have to be reverse charged. All incoming calls signaling reverse charging will be cleared.

Logical Channel – A packet switched data communication path which allows two-way simultaneous transmission of data packets through the network.

Message Waiting Indicator – This feature provides the user of a message service with either a visual and/or audible indication that a message is waiting.

See Sheet No. 119 for footnotes.

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4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued)

(N)

B. Service Components (continued)

Multiple B Channel Terminals on a BRI – This capability allows a user to place more than two B channel terminals on a BRI. Because there are only two B channels on a BRI, only two terminals can use the B channels simultaneously. The maximum number of terminals is eight per BRI. These terminals can use the B channels, D Channel, or a combination. When there are two users on a BRI, it would be possible for one user to engage both B channels and, thus, leave the other user without access to a B channel. To prevent this from occurring, Associated Groups may be defined. The first user is assigned to one Associated Group and the other user is assigned to a second Associated Group. Each Associated Group is allowed access to one B channel at any particular time. Both users are allowed access to the D channel. These capabilities are available without additional charge.

Network Ring Again (NRA) – Allows, in certain central offices, the customer to automatically complete calls made to busy stations of a different PRI connected PBX system serviced by the same central office switch.

On Demand PSD B Channel – Allows a B channel to be used for packet switched services on a per call basis. When the B channel is not being used for packet switched data, it can be used for circuit switched calls. It includes the following features: Up to 127 Logical Channels, Flow Control Parameter Negotiation, Throughput Class Negotiation, and Throughput Class Selection.

Outgoing Calls Barred – A packet switched data feature that prohibits a data terminal from sending outgoing packet calls.

Permanent Packet Switched Data (PSD) B Channel – Packet switching virtual circuit over a B channel using X.25 packet switched data at speeds up to 64 Kbps. It includes the following features: Up to 127 Logical Channels, Flow Control Parameter Negotiation, Throughput Class Selection Negotiation and Throughput Class Selection.

Permanent Virtual Circuit – This feature allows the transfer of packet switched data without the need for call setup and clearing procedures to occur. A logical channel is permanently assigned to this circuit, and data may be passed at any time. Call set-up charges are not applicable to Permanent Virtual Circuits.

PSD D Channel – Packet switching virtual circuit over a D channel (up to 9.6 Kbps) using X.25 packet switched data. It includes the following features: Up to 15 Logical Channels, Flow Control Parameter Negotiation, Throughput Class Negotiation and Throughput Class Selection. The customer is provided one end point and one telephone number at no additional charge.

Reverse Charge – A packet switched data feature that allows a user to assign billing (on a per-call basis) charges to the called party rather than the calling party

See Sheet No. 119 for footnotes.

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Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued) (N)

B. Service Components (continued)

Reverse Charge Acceptance – A packet switched data feature that allows the data communications equipment to accept incoming calls which have requested the reverse charging facility. The charges for this call will be billed to the terminating party.

Secondary Only Telephone Number – A circuit switched option that allows any telephone number other than a primary telephone number, to be assigned to an ISDN BRI station. A Secondary-Only Telephone Number does not have to be a primary telephone number at another station. An ISDN BRI station can have one, or more, Secondary Only Telephone Numbers. Each Secondary Only Telephone Number can have multiple call appearances. A Secondary-Only Telephone Number can be shared among the same ISDN BRI customer's ISDN BRI stations.

Six-Way Conference Calling – A circuit switched voice option that allows the user to set up a conference call for up to six parties.

Speed Call Long – This feature allows a user to dial a preassigned number by pressing the feature button assigned to speed calling and dialing two digits, or via an interactive dialing sequence. This feature allows for up to thirty numbers in the speed call list.

Speed Call Short – This feature allows a user to dial a preassigned number by pressing the feature button assigned to speed calling and dialing one or two digits, or via an interactive dialing sequence. This feature allows for up to six or ten numbers in the speed call list, depending on the serving office.

Throughput Class Negotiation – A packet switched data feature that allows the calling data terminal to negotiate a lower throughput class other than the preassigned standard network default.

Throughput Class Selection – A packet switched data feature that allows a user to select one of the following speeds in bits per second: 75, 150, 300,600, 1200, 2400, 4800, 9600, 19200.

C. Technical Specifications

1. Technical equipment guidelines for ISDN customer access to ISDN BRI serving offices are found in SR-NWT-002661, ISDN Basic Rate Interface Generic Guidelines for Customer Premises Equipment. This document may be obtained from:

Bellcore Document Register
455 South Street, Room 2J-125
Morristown, NJ
1-800-521-2673

2. ISDN BRI Service is designed to all relevant International Telecommunications Union-Telephony (ITU-T) standards.

See Sheet No. 119 for footnotes.

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Birch Telecom of Missouri, Inc.

4. SERVICES (continued)**4.12 Integrated Services (continued)****4.12.3 ISDN BRI Service (11) (continued) (N)****C. Technical Specifications (continued)**

3. The transmission characteristics of ISDN BRI Service support 64 Kbps Clear Channel Capability.
4. Due to technical limitations, some analog optional features (such as, but not limited to, Call Waiting) may not work properly when a customer chooses to combine an analog local exchange access service with an ISDN BRI Service arrangement.
5. When ISDN BRI Service is provided from a central office other than the customer's normal serving office, calls to 911 Emergency Number Service originated over the ISDN BRI Service may route to a different answering point than 911 calls originating from access lines serviced by the customer's normal serving office. If so routed, the different answering point may not have the information available to respond to the call as efficiently as possible.

D. Regulations

The following regulations apply in addition to other regulations stated in this and sections of this Tariff. For the purposes of this service, where such other regulations apply on a "per line" basis, they shall be interpreted, in this instance, to apply on a "per channel" basis.

1. ISDN BRI Service requires compatible registered customer-provided equipment (CPE) under FCC Part 68.
2. Ancillary services compatible with ISDN BRI Service may be furnished in accordance with the regulations and at the rates and charges specified in the applicable section of this Tariff. Should such ancillary services normally be applied on a "per line" basis, they will, in this instance, apply on a "per channel" basis.
3. In addition to the rates and charges contained in this Tariff, the customer is responsible for the payment of all related charges for exchange services, miscellaneous and supplemental services as specified in this and other tariffs of the Company.
4. Upon subscribing to ISDN BRI Service, the Customer may be required to change telephone numbers.

See Sheet No. 119 for footnotes.

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Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued) (N)

D. Regulations (continued)

5. Basic Rate Interface Installation Charge Service Term Agreements: Term pricing options are available for the Installation Charge associated with the Basic Rate Interface. These options are in addition to the typical month-to-month payment option for the Basic Rate Interface. If a customer commits to retain this service component at one location for a specific term, the customer will not be charged the full Installation Charge for the Basic Rate Interface. Options include a 12 or 24 month term. If a customer chooses a service term and then disconnects the Basic Rate Interface prior to the expiration of that term, a charge will be due. This termination charge is equal to the difference between the normal month-to-month Installation Charge in effect at the time the service was installed and the actual amount paid for the installation.

See Sheet No. 119 for footnotes.

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Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11)

(T)

A. Rates and Charges

Service Components	Monthly Rate		Installation Charge (4)
	Rate Segment I	Rate Segment II	
1. Facility and Equipment Rate Elements			
Basic Rate Interface, each			
Installation Charge Pricing Options:			
Month-to-Month	\$45.50	\$40.95	\$400.00
12-Month	45.50	40.95	200.00
24-Month	45.50	40.95	0.00
Link Extension Equipment, each	36.00	32.40	0.00
Link Extension Facility, each	8.80	7.92	0.00
2. Network Rate Elements			
Integrated Services Digital Circuit Switched Voice/Circuit Switched Data Transport Option (CSV/CSD)	(1)	(1)	
Packet Switched Data (PSD), each Permanent PSD B Channel(2)	45.00	40.50	0.00
each On Demand PSD B Channel(2)(3)	25.00	22.50	0.00
each D Channel (2)	5.00	4.50	0.00
3. CSV/CSD Network Options for each B Channel			
Additional Call Offering	10.10	9.09	0.00
Analog Member in a Hunt Group	3.00	2.70	0.00
Automatic Callback	4.00	3.60	11.00
Automatic Recall	4.00	3.60	6.50
Basic Electronic Key Terminal Service (Basic EKTS) Feature Package	12.00	10.80	0.00

See Sheet No. 119 for footnotes.

Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued)

(N)

A. Rates and Charges (continued)

<u>Service Components</u>	<u>Monthly Rate</u>		<u>Installation Charge (4)</u>
	Rate	Rate	
	<u>Segment I</u>	<u>Segment II</u>	
4. CSV/CSD Network Options for each B Channel (continued)			
CACH Electronic Key Terminal Service (CACH EKTS) Feature Package	\$15.00	\$13.50	\$0.00
Call Forwarding Don't Answer	3.00	2.70	0.00
Call Forwarding Interface Busy	3.00	2.70	0.00
Call Forwarding Variable	4.35	3.92	0.00
Call Pickup	0.50	0.45	0.00
Call Transfer Disconnect	8.00	7.20	0.00
Caller ID	8.50	7.65	6.50
Customer Originated Trace	(6a)	(6b)	5.00
Delayed and Abbreviated Ring (5)	6.00	5.40	0.00
Distinctive Ringing	6.00	5.40	0.00
Hunt Group for CSD	2.80	2.52	0.00
Hunt Group for CSV	2.80	2.52	0.00
Hunt Group Transfer for CSD	1.00	0.90	0.00
Message Waiting Indicator	0.00	0.00	0.00
Remote Access to Call Forwarding	2.75	2.48	0.00
Secondary Only Telephone Number	10.10	9.09	0.00
Selective Call Forwarding	4.35	3.92	14.00
Selective Call Rejection	4.00	3.60	10.00
Six Way Conference Calling	6.95	6.26	0.00
Speed Call Long	8.70	7.83	0.00

See Sheet No. 119 for footnotes.

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4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued) (N)

A. Rates and Charges (continued)

Service Components	<u>Monthly Rate</u>		<u>Installation Charge (4)</u>
	<u>Rate Segment I</u>	<u>Rate Segment II</u>	
4. CSV/CSD Network Options for each B Channel (continued)			
Speed Call Short	\$4.35	\$3.92	\$0.00
Three Way Conference Calling	\$4.35	3.92	0.00
5. PSD Network Options (X.25) for each D or B Channel Assigned			
Additional End Point/Telephone Number (7)	0.50	0.45	0.50
Closed User Group	5.00	4.50	0.00
Hunt Group for PSD	2.80	2.52	0.50
Incoming Calls Barred	0.50	0.45	0.50
Local Charge Prevention	0.50	0.45	0.00
Outgoing Calls Barred	0.50	0.45	0.50
Permanent Virtual Circuit	2.00	1.80	0.00
6. Changes/Moves			<u>Nonrecurring Charge</u>
Change a Feature Package, per channel(8)			\$ 14.50
Change a Network Option (other than a Feature Package), per channel (9)			10.50
Add, Change or Rearrange a Network Rate Element, each Basic Rate Interface(10)			14.50
Move Charge			300.00

See Sheet No. 119 for footnotes.

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