4.	SEDVICES (continued)	(D) (D)
4.	SERVICES (continued)	
	4.9 <u>Miscellaneous Services</u> (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)

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

Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105



4.	SERVICES	(continued)	SWBT	Tariff Referer	
	4.7 <u>Misc</u>	ellaneous Services (continued)		IAM	2 1 1998
	4.7.9	Intercept Referral Service (continued)			
	Α.	Rates and Charges (continued)	ŕ	Mis Public Servi	SOURI Ice Commission
		1. The charges shown are nonrecurring. No oth listed in this section. (continued)	er charges apply o	except for those	e charges
			If the period o customer is:	<u>f service reque</u>	sted by the
			Up to	91 - 180	181 – 365
		Service	90 Days	Days	Days
		(b) DID (continued)			
		III. Multiple Intercept Referral Service (continued)(iii) Name Intercept Referral Service			
		(1) Each number referred			

(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

CANCELLED

SEP 1 4 1998 By SFRS#100 Public Service Commission MISSOURI

FILED

Effective: February 20, 1998 FEB 2 0 1998 9 7 - 3 7 2 MISSOURI Public Service Commission

David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

Issued: January 21, 1998

Birch Telecom of Missouri, Inc.

(T)

- 4. SERVICES (continued)
 - 4.9 Miscellaneous Services (continued)
 - 4.9.10 The Freedom Pack and Freedom Pack Plus Services(1)
 - 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)

FILED Missouri Public Service Commission

4. SERVICES (continued)

- 4.9 <u>Miscellaneous Services</u> (continued)
 - 4.9.10 The Freedom Pack and Freedom Pack Plus Services
 - 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.

(N)

(N)

Issued: October 27, 2004

CANCELLED August 8, 2008 Missouri Public Service Commission G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108



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NOV 2 7 2004 By Drat R S / O / Public Service Commission MISSOURI

Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

SEP 14 1998

MISSOURI Public Service Commission

Original Sheet No. 101 RECEIVED Tariff Reference SWBT PSC Mo.-No. 35 §25 JAN 2 1 1998

4. SERVICES (continued)

4.8 Plexar-I Services

MISSOURI

The Company concurs with the terms and conditions, including all footnotes thereto, applying to and governing Plexar-I Services as set forth in the Southwestern Bell Telephone Company Tariff, PSC. Mo. No. 35 §25 on file with and approved by the Commission, and in any amendments thereto as authorized by the Commission or applicable law, to the extent such services are set forth in the following pages of this section of the Tariff. The Company does not concur with the rates of Southwestern Bell Telephone Company for Plexar-I Services to the extent that rates for specified services are set out in the following pages of this concurrence.

The Company reserves the right to cancel and make void the above concurrence statement, subject to requirements as may be ordered by the Commission, at any and such time as it appears that such cancellation is in the best interest of the Company and/or its customers.

CANCELLED

SEP 1 4 1998 Public Service Commission MISSOURI

Issued: January 21, 1998

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Effective: February 20, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

FEB 20 1998 Public Service Commission

4. SERVICES (continued)

- 4.9 <u>Miscellaneous Services</u> (continued)
 - 4.9.10 The Freedom Pack and Freedom Pack Plus Services (continued)
 - 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)

(N)

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

Issued: October 27, 2004

G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: November 27, 2004



- 4. SERVICES (continued)
 - 4.10 Centrex-1
 - 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
 - Call Forwarding (2) Call Forwarding-Inside System Busy Don't Answer Busy & Don't Answer Call Forwarding-Outside System Busy(2) Don't Answer(2) Busy & Don't Answer

Call Management Features Auto Redial(2) Call Blocker(2) Call Return(2) Call Trace(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

C. 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

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(1) Only available with the Centrex-1 Standard Package 2 offering.

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

Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: September 14, 1998

Original Sheet No. 101.01 RECEIVED

- 4. SERVICES (continued)
 - 4.10 Centrex-1
 - 4.10.1 Feature Arrays

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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
 - Call Forwarding (2) Call Forwarding-Inside System Busy Don't Answer Busy & Don't Answer Call Forwarding-Outside System Busy(2) Don't Answer(2) Busy & Don't Answer
- Call Management Features 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

C. 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

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NOV 2 7 2004 -ublic Service Commission Explanation) MISSOURI

(1) Only available with the Centrex-1 Standard Package 2 offering.(2) Not available to Centrex-1 lines equipped with ISDN BRI Service.



Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

SEP 14 1998

Public Service Commission

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4.

SERVICES (continued)

4.9 <u>Miscellaneous Services</u> (continued)

Issued: April 26, 2017

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 Gordon P. Williams, Jr. – Senior Vice President & General Counsel Birch Telecom of Missouri, Inc. d/b/a Birch Communications 2323 Grand Blvd., Suite 925 Kansas City, MO 64108

Effective: May 6, 2017

FILED Missouri Public Service Commission JC-2017-0212

4. SERVICES (continued)

- 4.9 <u>Miscellaneous Services</u> (continued)
 - 4.9.11 Paper Invoice Fcc

All customers that do not receive E-bill (Electronic Invoicing) will receive a paper invoice charge of \$1.95 per invoice and \$9.95 per invoice for large or elite customers. This charge represents the costs for printing, postage mail handling and management of paper invoices. You may avoid this charge by registering for E-bill online o by contacting customer service.

(N)

Issued: August 2, 2013

Effective: September 1, 2013 Christopher J. Bunce, Sr. Vice President Legal, and General Counsel Birch Communications 2300 Main St. Suite 340 Kansas City, MO 64108 FILED Missouri Public Service Commission

JC-2014-0057

CANCELLED May 6, 2017 Missouri Public Service Commission JC-2017-0212

4. SERVICES (continued)

4.9 Miscellaneous Services (continued)

4.9.11 Paper Invoice Fee

All customers that do not receive E-bill (Electronic Invoicing) will receive a paper invoice charge of \$1.95 per invoice. This charge represents the costs for printing, postage, mail handling and management of paper invoice: You may avoid this charge by registering for E-bill online or by contacting customer service.

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(N)

Issued: May 6, 2009

CANCELED

Missouri Public

Service Commission

JC-2014-0057

Effective: June 5, 2009

FILED Missouri Public Service Commission JC-2009-0794

- 4. SERVICES (continued)
 - 4.9 <u>Miscellaneous Services</u> (continued)

Reserved for Future Use

(T) (M)

(M) Centrex-1 text moved to Original Sheet No. 102.1

Issued: October 27, 2004

CANCELLED June 5, 2009 Missouri Public Service Commission JC-2009-0794 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: November 27, 2004



PSC Mo. No. 3 CANCELLED Birch Telecom of Missouri, Inc. Original Sheet No. 101.02 NOV 2 7 2004 By ISHRS 101.02 RECEIVED 4. SERVICES (continued) 4.10 <u>Centrex-1</u> (continued) AUG 1 4 1998 4.10.2 Feature Description Bublic Service Commission Add On/Consultation Hold – Allows a Centrex-1 station user to add on another Cant 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 ha 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 fro 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

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

Issued: August 14, 1998

answered.

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

Effective: September 14, 1998 FILED

SEP 14 1998

MISSOURI Public Service Commission

- 4. SERVICES (continued)
 - 4.10 <u>Miscellaneous Services</u> (continued)

Reserved for Future Use

(T) (M)

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

Issued: October 27, 2004

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: November 27, 2004



Original Sheet No. 101.03

4. SERVICES (continued)

- 4.10 <u>Centrex-1</u> (continued)
 - 4.10.2 Feature Descriptions (continued)

MO. PUBLIC SERVICE COMM

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<u>Transfer</u> – 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.

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

CANCELLED

NOV 2 7 2004 By /SFRS /0/.03 Public Service Commission MISSOURI

Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

SEP 14 1998

MISSOURI Public Service Commission

- 4. SERVICES (continued)
 - $4.10 \ <u>Centrex-1</u>(3)$
 - 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
 - Call Forwarding (2) Call Forwarding-Inside System Busy Don't Answer Busy & Don't Answer Call Forwarding-Outside System Busy(2) Don't Answer(2) Busy & Don't Answer

Call Management Features 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.

PSC MO No. 3

Issued: November 8, 2004

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004



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(M) Centrex-1 text located on 1st Revised Sheet No. 102 is now moved to Original Sheet No. 102.03

Issued: October 27, 2004

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G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108



Effective: November 27, 2004

Birch Telecom of Missouri, Inc.

PSC Mo. No. 3

1st Revised Sheet No. 102 Replacing Original Sheet No. 102

Service and

Equipment <u>Charge</u>

\$5.50

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	4. SERVICES (continued) CANCELL			aug	1 4 1998	
(T)	4.10 <u>Centrex-1</u> (continued) NOV 2 7	2004		N.C. 10111-1-1		
(T)	4.10.3 Rates and Charges By Charges	102 ammi	ssion	MO. PUBLI(C SERVICE COM	獼
	4.10.3 Rates and Charges By Chell Service C Public Service C MISSOU)RI	<u>Month</u>	lv Rate	Complex	S
(N) 		D)	Rate <u>Segment I</u>	Rate <u>Segment II</u>	Installation/ Move Charge]
	Standard Package 1, per system Standard Package 2, per system		\$18.00 27.00	\$16.20 24.30	\$ 2.00 60.00 (3)	
(T) (T) (T)	Centrex-1 Feature Capability Charge, per Centrex-1 line		4.00	3.60	15.00	
	Per Centrex-1 line, equipped with Call Transfer Disconnect		4.00	3.60	15.00	
(T)	Automatic Callback Calling, Common Equipment (4) per Centrex-1 line equipped(4)		38.00 1.00	34.20 .90	30.00 15.00(1)(2)	
(T)	Call Forwarding, per Centrex-1 line equipped(5)	-	1.20	1.08	• 15.00(1)(2)	
(T)	Call Forwarding, Inside system per Centrex-1 line equipped with: Busy Don't Answer Busy/Don't Answer		2.50 2.50 2.50	2.25 2.25 2.25	15.00(1)(2) 15.00(1)(2) 15.00(1)(2)	
(T)	Call Forwarding, Outside system per_Centrex-1 line equipped with: Busy (5) Don't Answer (5) Busy/Don't Answer		3.00 3.00 4.00	2.70 2.70 3.60	15.00(1)(2) 15.00(1)(2) 15.00(1)(2)	

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.

Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

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Effective: September 14, 1998 SEP 14 1998

MISSOURI Public Service Commission



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Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

- 4.8 Plexar-I
 - 4.8.1 Rates and Charges

Original Sheet No. 102 VED Tariff Reference SWBT PSC Mo.-No. 35 §25 JAN 21 1998

MISSOURI Public Service Commission

	<u>USOC</u>	Monthly <u>Rate</u>	Complex Installation/ <u>Move Charge</u>	Service and Equipment <u>Charge</u>
Standard Package 1, per system	ABCS1	\$16.20	\$ 2.00	\$5.50
Standard Package 2, per system	ABCS2	24.30	60.00 (3)	5.50
Plexar-I Feature Capability Charge,				
per Plexar-I line Per Plexar-I line, equipped with	ABCFC	3.60	15.00	5.50
Call Transfer Disconnect	ABCFD	3.60	15.00	5.50
Automatic Callback Calling,				
Common Equipment (4)	ABCAC	34.20	30.00	5.50
per Plexar-I line equipped(4)	ABCAL	.90	15.00(1)(2)	5.50
Call Forwarding,				
per Plexar-I line equipped(5)	ABCCF	1.08	15.00(1)(2)	5.50
Call Forwarding, Inside system per Plexar-I line equipped with:				
Busy	ABCA1	2.25	15.00(1)(2)	5.50
Don't Answer	ABCA2	2.25	15.00(1)(2)	5.50
Busy/Don't Answer	ABCAA	2.25	15.00(1)(2)	5.50
Call Forwarding, Outside system per Plexar-I line equipped with:				
Busy (5)	ABCA3	2.70	15.00(1)(2)	5.50
Don't Answer (5)	ABCA4	2.70	15.00(1)(2)	5.50
Busy/Don't Answer	ABCA53	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 Plexar-I line.

(2) A maximum charge of \$15.00 applies per Plexar-I line when adding any number of the optional features subsequent to the installation of the Plexar-I line.

(3) This charge also applies if establishing Code Access Calling Code subsequent to the initial installation of the Plexar-I system.

- (4) Obsolete except to existing customers at existing locations.
- (5) Not available to Plexar-I lines equipped with DigiLine Service. CANCELLED

Issued: January 21, 1998

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David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106



4. SERVICES (continued)

4.10 <u>Centrex-1</u> (1) (continued)

4.10.2 Feature Descriptions

<u>Add On/Consultation Hold</u> – 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.

<u>Automatic Callback Calling</u> – 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)

<u>Call Hold</u> – 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.

 $\underline{Call Pickup}$ – 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 ha been ringing the longest.

<u>Call Transfer Disconnect</u> – 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.

<u>Convenience Dialing I</u> – 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.

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

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

<u>Directed Call Pickup</u> – 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)

Issued: November 8, 2004

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346: JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004



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CANCELLED

Birch Telecom of Missouri, Inc.

SERVICES (continued) 4.

4.10 <u>Centrex-1</u> (continued)

4.10.2 Feature Descriptions

Service Commission 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.

DEC 0 9 2004] STRS 102.01

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)

<u>Call Hold</u> – Allows a Centrex I 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,

<u>Call Pickup</u> – 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 ha 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 I system. The Centrex-1 user is prohibited from using this feature to avoid toll charges.

<u>Code Access Calling</u> – 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

(M) Centrex-1 text previously located on Original Sheet No. 101.02

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G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108

Effective: November 27, 2004



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4. SERVICES (continued)

4.10 <u>Centrex-1</u> (1) (continued)

4.10.2 Feature Descriptions (continued)

<u>Transfer</u> – 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.

<u>Uniform Call Distribution (UCD)</u> – 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)

Issued: November 8, 2004

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004



Original Sheet No. 102.02



CANCELLED

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(M) Centrex text previously located on Original Sheet No. 101.03

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4. SERVICES (continued)

4.10 <u>Centrex-1</u> (6) (continued)

4.10.3 Rates and Charges

	Month	ly Rate	Complex	Service and
	Rate <u>Segment I</u>	Rate Segment II	Installation/ Move Charge	Equipment <u>Charge</u>
Standard Dackage 1, per system	\$18.00	\$16.20	\$ 2.00	\$5.50
Standard Package 1, per system Standard Package 2, per system	27.00	24.30	\$ 2.00 60.00 (3)	\$3.30 5.50
Centrex-1 Feature Capability				
Charge,	4.00	3.60	15.00	5.50
per Centrex-1 line 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 <u>Centrex-1 line equipped with:</u>				
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)

Issued: November 8, 2004

G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004

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Original Sheet No. 102.03

4.	SERVICES	(continued)
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Birch Telecom of Missouri, Inc.

4.10 <u>Centrex-1</u> (continued)	104x5100.00				
4.10.3 Rates and Charges	By Letter Stor By Letter Commission Missoual Manthly Pate				
	<u>Month</u>	ly Rate	Complex	Service and	
	Rate <u>Segment I</u>	Rate <u>Segment II</u>	Installation/ <u>Move Charge</u>	Equipment <u>Charge</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					
perCentrex-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.

(M)

(M) Centrex-1 text previously located on 1st Revised Sheet No. 102

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G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108



Effective: November 27, 2004

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4. SERVICES (continued)

4.10 <u>Centrex-1</u> (3) (continued)

4.10.3 Rates and Charges (continued)

	Monthly Rate		Complex	Service and
	Rate	Rate	Installation/	Equipment
Call Managament Fasturas	Segment I	Segment II	Move Charge	<u>Charge</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.

Issued: November 8, 2004

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004



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2nd Revised Sheet No. 103 Replacing 1st Revised Sheet No. 103

4. SERVICES (continued)

4.10 <u>Centrex-1</u> (continued)

4.10.3 Rates and Charges (continued)

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Call Management Features:	<u>Month</u> Rate <u>Segment I</u>	l <u>y Rate</u> Rate <u>Segment I1</u>	Complex Installation/ <u>Move Charge</u>	Service and Equipment <u>Charge</u>
-				
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

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(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 Fooftbis Tariffo 1999



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Effective: April 30, 1999

David E. Scott, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108

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PSC Mo. No. 3

1st Revised Sheet No. 103 Replacing Original Sheet No. 103

(D) RECEIVED (D) SERVICES (continued) 4. AUG 1 & 1998 (T) 4.10 <u>Centrex-1</u> (continued) MO. PUBLIC SERVICE COMM (T) 4.10.3 Rates and Charges (continued) Monthly Rate Complex Service and (N) Rate Rate Installation/ Equipment Move Charge (D) Segment II Segment I Charge Call Management Features: (T) Auto Redial, per Centrex-1 Line \$4.00 8.00 Equipped (1) 3.60 5.50 (T) Call Blocker, per Centrex-1 Line 4.00 3.60 8.00 5.50 Equipped (1) (T) Call Return, per Centrex-1 Line Equipped (1) 4.00 3.60 8.00 5.50 Call Trace: (T) per Centrex-1 Line Equipped (1) N/A N/A 8.00 5.50 5.50 N/A N/A 28.00 per System (1) N/A N/A 8.00 N/A per Activation Calling Number Delivery, per 8.50 7.65 8.00 5.50 (T) Centrex-1 Line Equipped (1) (T) Priority Call, per Centrex-1 Line 4.00 3.60 8.00 5.50 Equipped (1)

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

Selective Call Forwarding, per

Centrex-1 Line Equipped (1)

Issued: August 14, 1998

(T)

Birch Telecom of Missouri, Inc.

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

SEP 1.4 1998

MISSOURI Public Service Commission

Original Sheet No. 103

Tariff Reference SIMED SWBT PSC Mo. No. 35 \$25

4. SERVICES (continued)

4.8 <u>Plexar-I</u> (continued)

4.8.1 Rates and Charges (continued)

JAN 21 1998

MISSOURI Public Service Commission

	<u>USOC</u>	Monthly <u>Rate</u>	Complex Installation/ <u>Move Charge</u>	Service and Equipment <u>Charge</u>
Call Management Features:				
Auto Redial, per Plexar-I Line				
Equipped (1)	NL9	3.60	8.00	5.50
Call Blocker, per Plexar-I Line				
Equipped (1)	NL5	3.60	8.00	5.50
Call Return, per Plexar-I Line				
Equipped (1)	NL8	3.60	8.00	5.50
Call Trace:				_
per Plexar-I Line Equipped (1)	N8T	N/A	8.00	5.50
per System (1)	N8TPS	N/A	28.00	5.50
per Activation		N/A	8.00	N/A
Calling Number Delivery, per				
Plexar-I Line Equipped (1)	NLD	7.65	8.00	5.50
Priority Call, per Plexar-I Line				
Equipped (1)	NL3	3.60	8.00	5.50
Selective Call Forwarding, per				
Plexar-I Line Equipped (1)	NL6	3.60	8.00	5.50

CANCELLED

SEP 1 4 1998 By SFRS#103 Public Service Commission MISSOURI

(1) Not available to Plexar-I lines equipped with DigiLine Service.



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Issued: January 21, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

Effective: February 20, 1998 FEB 20 1998 97-372 MISSOURI Fublic Service Commission

4. SERVICES (continued)

4.10 <u>Centrex-1</u> (7) (continued)

4.10.3 Rates and Charges (continued)

		ly Rate	Complex	Service and
	Rate <u>Segment I</u>	Rate <u>Segment II</u>	Installation/ Move Charge	Equipment Charge
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)

Issued: November 8, 2004

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004



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4. SERVICES (continued) 4.10 <u>Centrex-1</u> (continued) 4.10.3 Rates and Charges (continued) (N) (T)(T) (T)

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MO. PUBLIC SERVICE COMM

		<u>Month</u>	Monthly Rate		Service and	
	(D)	Rate <u>Segment I</u>	Rate <u>Segment II</u>	Installation/ Move Charge	Equipment Charge	
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)	i	1.00	.90	8,00	5.50	

CANCELLED

DEC 0 9 2004 By Revice Commission

- (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.

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Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

Effective: September 14:1998

MISSOURI Public Service Commission

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Tariff Reference SWBT PSC MorNo 3363VED

4. SERVICES (continued)

Birch Telecom of Missouri, Inc.

4.8 <u>Plexar-I</u> (continued)

4.8.1 Rates and Charges (continued)

JAN 2 1 1998

MISSOURI Public Service Commission

	<u>USOC</u>	Monthly <u>Rate</u>	Complex Installation/ Move Charge	Service and Equipment <u>Charge</u>	
Call Transfer Disconnect, per Plexar-I line equipped(4)	ABCTD	\$ 3.60	\$ 2.00 (1)	\$5.50	
Call Waiting, per Plexar-I line equipped (3)(5)	ABCCW	.99	15.00(1)(2)	5.50	
Convenience Dialing I, per list (5)	ABCD1	.41	5.00	5.50	
Convenience Dialing II, per list (5)(6)	ABCD2	1.35	15.00	5.50	
Convenience Dialing Access, per Plexar-I line	ÅBCDA	.63	15.00(1)(2)	5.50	
Conference Calling, per Conference Arrangement (5)(6)	ABCCC	70.20	30.00	5.50	
Conference Calling, per Plexar-I line equipped to Access Conference Arrangement(5)(6)	EANCC		5.00(1)(2)	5.50	
Customer Alerting Enablement, per Plexar-I line equipped (5)	MWN	.90	8.00 CANCE	5.50	

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SEP 1 4 1998 By SFRS#104 Public Service Commission

- (1) The Complex Installation/Move charge is not applicable if the optional feature is installed at Si Same time as the Plexar-I line.
- (2) A maximum charge of \$15.00 applies per Plexar-I line when adding any number of these optional features subsequent to the installation of the Plexar-I line.
- (3) This feature is inclusive of the Cancel Call Waiting option where facilities permit.
- (4) All lines in the Plexar-I system must be equipped with this feature.
- (5) Not available to Plexar-I lines equipped with DigiLine Service.
- (6) Obsolete except to existing customer at existing locations.



Issued: January 21, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

Effective: February 20, 1998

FEB 20 1998 3 7 2 MISSOURI Fublic Service Commission

4. SERVICES (continued)

4.10 <u>Centrex-1(4)</u> (continued)

4.10.3 Rates and Charges (continued)

	<u>Month</u> Rate <u>Segment I</u>	<u>ly Rate</u> Rate <u>Segment II</u>	Complex Installation/ <u>Move Charge</u>	Service and Equipment <u>Charge</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)

Issued: November 8, 2004

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PSC Mo. No. 3

1st Revised Sheet No. 105 Replacing Original Sheet No. 105

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		4.	SERVICES (continued)			A	UG 1 A 1998	
(T)			4.10 <u>Centrex-1</u> (continued)			<i>.</i>	000001000	
(T)		4.10.3 Rates and Charges (continued)		MO. PUBLIC SERVICE COMM				
(N)				(D)	<u>Month</u> Rate <u>Segment 1</u>	<u>lv Rate</u> Rate <u>Segment II</u>	Complex Installation/ Move Charge	Service and Equipment <u>Charge</u>
(T))		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
(T))		Class B Ringing/Tone, per Centrex-1 line equipped(3)		1.70	1.53	15.00(1)(2)	5.50
(T))		Remote Access to Call Forwarding, per Centrex-1 line equipped		2.75	2.48	8.00	5.50
(T))		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

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DEC 0 9 2004 By 2nd RS105 Public Service Commission Lissoual

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

Issued: August 14, 1998

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

Effective: September 14, 1998

SEP 14 1998

MISSOURI Public Service Commission

Original Sheet No. 105

Tariff Reference

4. SERVICES (continued)

Birch Telecom of Missouri, Inc.

4.8 <u>Plexar-I</u> (continued)

4.8.1 Rates and Charges (continued)

MISSOURI Public Service Commission

JAN 2 1 1998

	USOC	Monthly <u>Rate</u>	Complex Installation/ Move Charge	Service and Equipment <u>Charge</u>
Directed Call Pickup, per Plexar-I line equipped (3)	ABCCP	\$.04	\$15.00(1)(2)	\$5.50
Distinctive Ringing Common Equipment				
per system (3) Class B Ringing/Tone, per	ABCDR	23.85	15.00	5.50
Plexar-I line equipped	ABCDL	1.53	15.00(1)(2)	5.50
Remote Access to Call Forwarding, per Plexar-I line equipped	HRM	2.48	8.00	5.50
Toll Restriction, per Plexar-I line equipped	MVPTL	.90	9.50(1)(2)	5.50
Uniform Call Distribution, per Plexar-I line equipped	ABCUC	.14	15.00(1)(2)	5.50

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- (1) The Complex Installation/Move charge is not applicable if the optional feature is installed at the same time as the Plexar-I line.
- (2) A maximum charge of \$15.00 applies per Plexar-I line when adding any number of these optional features subsequent to the installation of the Plexar-I line.
- (3) Obsolete except to existing customers at existing locations.
- (4) Not available to Plexar-I lines equipped with DigiLine Service.

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David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

Effective: February 20, 1998

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4. SERVICES (continued)

4.10 <u>Centre x-1</u> (3) (continued)

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 Codes	15.00	5.50
Controlling Line for Convenience Dialing		
	15.00	5.50
Station-to-Station Dialing (Intercom) Code	15.00	5.50
Assignments Uniform Call Distribution Patterns	15.00 15.00	5.50 5.50
Onnorm Can Distribution Patterns	13.00	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.

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Issued: November 8, 2004

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SERVICES (continued)

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4.10 <u>Centrex-1</u> (continued)

4.10.3 Rates and Charges (continued)

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Nonrecurring Charges:	(D)	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 Codes Controlling Line for Convenience		15.00	5.50
Dialing		15.00	5.50
Station-to-Station Dialing (Intercom) Code Assignments		15.00	5.50
Uniform Call Distribution Patterns		15.00	5.50

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- (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.

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

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4. SERVICES (continued)

4.8 <u>Plexar-I</u> (continued)

4.8.1 Rates and Charges (continued)

MISSOURI Public Service Commission

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- (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 Plexar-I line when changing one or more of these features.

Issued: January 21, 1998

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4. SERVICES

4.11 <u>Centrex Express</u> (13)

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

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4. SERVICES

4.11 <u>Centrex Express</u>

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Centrex Express is an optional central office-based communications system Fulling CERVICE COMM 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

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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

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

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4. SERVICES (continued)

4.11 Centrex Express (13)(continued)

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4.11.2 Definitions

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

<u>Call Hold</u> – 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.

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

<u>Call Transfer-All Calls</u> – 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.

<u>Hunting-Basic</u> – 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.

<u>Message Waiting Indication</u> – 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.

<u>Speed Calling</u> – 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.

<u>Station-to-Station Dialing (Intercom)</u> – 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

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SERVICES (continued)

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- 4.11 Centrex Express (continued)
 - 4.11.2 Definitions

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

<u>Call Hold</u> – 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.

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

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<u>Hunting-Basic</u> – 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.

<u>Message Waiting Indication</u> – 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.

<u>Speed Calling</u> – 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.

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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.

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- 4. SERVICES (continued)
 - 4.11 Centrex Express (13)(continued)
 - 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

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4.	SERVICES	· ·	DEC 0 9 2004 By 15t2 SIOL.(By 1st2 Sonvice Commi	og received
		x Express (continued)	Public Service OURI	ssion AUG 1 & 1998
	4.11.3	Rules and Regulations (co	ntinued)	
	Α.	The following terms used	in this section shall mean: (co	ntiMQdPUBLIC SERVICE COM
		analog, digital or othe Line Terminations ap		e Centrex Express system. Tie spress system with other Centrex
	В.	Centrex Express service is	s available only where the nece	essary facilities exist.
	· С.	miles from the station loca station line facility rates an Premises stations. The sta	ine Facilities are charged in m ation to the customer's normal re applicable to all Centrex Ex ation line facility rate applies to tentrex Express access lines.	press stations, except Off-
	D.	Centrex Express customer when converting to Centre		one numbers from prior services
	E.	Termination liability appl	ies if a customer	
		duration of the contra	e service n 35% of the highest number of act. The number of stations dis the net terminated stations.	
		The termination charge is	calculated as follows:	
		2. monthly Centrex Exp for that customer's co	ated stations, multiplied by press station charge (plus the st patract term, multiplied by s remaining on the contract.	ation line facility charge) releva
		In addition, the present we monthly charges must be	orth of any nonrecurring charg	es that have been converted to Centrex contract payment plan term.
	4.11.4	Rates and Charges		
		A. Centrex Express Acc	ess Line Rates	
		Rate Trunk as set for		be the equivalent monthly Flat ff. These facilities may be used ork access requirements.



Issued: August 14, 1998

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

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4. SERVICES (continued)

4.11 Centrex Express (13) (continued)

4.11.4 Rates and Charges (continued)

B. Monthly Rates

1. RATE SEGMENT I Stations	<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>
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						
Stations Basic Station	\$7.20	\$7.02	\$6.84	\$6.66	\$6.48	\$6.30
	\$7.20 \$7.20	\$7.02 \$7.02	\$6.84 \$6.84	\$6.66 \$6.66	\$6.48 \$6.48	\$6.30 \$6.30
Basic Station Off-Premises Station			•			
Basic Station Off-Premises Station Station Line Facility(1)	\$7.20	\$7.02	\$6.84	\$6.66	\$6.48	\$6.30
Basic Station Off-Premises Station Station Line Facility(1) 0-2 Mile	\$7.20 10.80	\$7.02 10.62	\$6.84 10.44	\$6.66 10.26	\$6.48 10.08	\$6.30 9.90
Basic Station Off-Premises Station Station Line Facility(1)	\$7.20	\$7.02	\$6.84	\$6.66	\$6.48	\$6.30
Basic Station Off-Premises Station Station Line Facility(1) 0-2 Mile	\$7.20 10.80	\$7.02 10.62	\$6.84 10.44	\$6.66 10.26	\$6.48 10.08	\$6.30 9.90
Basic Station Off-Premises Station Station Line Facility(1) 0-2 Mile Over 2 Mile	\$7.20 10.80	\$7.02 10.62	\$6.84 10.44	\$6.66 10.26	\$6.48 10.08	\$6.30 9.90
Basic Station Off-Premises Station Station Line Facility(1) 0-2 Mile Over 2 Mile Tie Line Terminations(2)	\$7.20 10.80	\$7.02 10.62	\$6.84 10.44	\$6.66 10.26	\$6.48 10.08	\$6.30 9.90
Basic Station Off-Premises Station Station Line Facility(1) 0-2 Mile Over 2 Mile Tie Line Terminations(2) Analog Tie Line	\$7.20 10.80 27.00	\$7.02 10.62 26.82	\$6.84 10.44 26.64	\$6.66 10.26 26.46	\$6.48 10.08 26.28	\$6.30 9.90 26.10
Basic Station Off-Premises Station Station Line Facility(1) 0-2 Mile Over 2 Mile Tie Line Terminations(2) Analog Tie Line Termination Digital Tie Line Termination(3)	\$7.20 10.80 27.00 29.70	\$7.02 10.62 26.82 29.70	\$6.84 10.44 26.64 29.70	\$6.66 10.26 26.46 29.70	\$6.48 10.08 26.28 29.70	\$6.30 9.90 26.10 29.70
Basic Station Off-Premises Station Station Line Facility(1) 0-2 Mile Over 2 Mile Tie Line Terminations(2) Analog Tie Line Termination Digital Tie Line	\$7.20 10.80 27.00	\$7.02 10.62 26.82	\$6.84 10.44 26.64	\$6.66 10.26 26.46	\$6.48 10.08 26.28	\$6.30 9.90 26.10

See Sheet 106.09 for footnotes

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Bir	ch Telecom of Missouri, Inc.				Original S	Sheet No. 106	.04
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4.	SERVICES (continued)				RECI	eived	
	4.11 Centrex Express (continue	d)	DEC 0 9	2004			
	4.11.4 Rates and Charges	(continued)	- Service (Commissio	aug j N	. & 1998	
	B. Monthly Rates	F M D III	LIISSO	URI M	o. Public s	ERVICE CON	MM
	1. RATE SEGMENT I Stations	<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>
	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	22.00	22.00	22.00	22.00	22.00	22.00
	Termination Dígital Tie Line	33.00	33.00	33.00	33.00	33.00	33.00
	Termination(3)						
	- DS1	190.00	190.00	190.00	190.00	190.00	190.00
	- DS0	190.00	190.00	190.00	190.00	14.00	190.00
	200	1 1.00	1.000	1 1100	1	11.00	1
	2. RATE SEGMENT II Stations	<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>
	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	a a a a					~~ ~~
	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
	- DSI - DS0	12.60	171.00	171.00	12.60	12.60	171.00
	200	12.00	. 2.00	12.00	12.00	12.00	12.00

See Sheet 106.09 for footnotes

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

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4. SERVICES (continued)

4.11 Centrex Express (13) (continued)

4.11.4 Rates and Charges (continued)

B. Monthly Rates (continued)

3. RATE SEGMENT I Optional Features	<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>
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 Optional Features	<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>
	<u>M-T-M</u> \$22.50	<u>12 Mos.</u> \$22.50	<u>24 Mos.</u> \$22.50	<u>36 Mos.</u> \$22.50	<u>48 Mos.</u> \$22.50	<u>60 Mos.</u> \$22.50
Optional Features Assume Dial Nine						
Optional Features Assume Dial Nine Per System, Per C.O. Call Waiting/ Cancel Call Waiting	\$22.50	\$22.50	\$22.50	\$22.50	\$22.50	\$22.50
Optional Features Assume Dial Nine Per System, Per C.O. Call Waiting/ Cancel Call Waiting Per Station Caller ID, Per Station	\$22.50	\$22.50	\$22.50	\$22.50	\$22.50	\$22.50
Optional Features Assume Dial Nine Per System, Per C.O. Call Waiting/ Cancel Call Waiting Per Station Caller ID, Per Station Calling Number	\$22.50 0.18	\$22.50 0.18	\$22.50 0.18	\$22.50 0.18	\$22.50 0.18	\$22.50 0.18

See Sheet 106.09 for footnotes

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Bir	ch Telecom of Missouri, Inc.				Original S	heet No. 106	.05
4.	SERVICES (continued)		CANCE		Rec	eived	
	4.11 Centrex Express (continue	,		9 2004 51 06.0	5 aug	1 4 1998	
	 4.11.4 Rates and Charges B. Monthly Rate 	(continued) Put s (continued)	By GHA Dic Service MISS	e Commiss CURI	sion MO. PUBLIC	SERVICE C	OMM
	3. RATE SEGMENT I Optional Features	<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>
	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 Calling Name Delivery Calling Name and	1 <i>.</i> 50 1.50	1.50 1.50	1.50 1.50	1.50 1.50	1.50 1.50	1.50 1.50
	Number Delivery	2.50	2.50	2.50	2.50	2.50	2.50
	4. RATE SEGMENT II Optional Features	<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>
	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

Issued: August 14, 1998

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

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SERVICES (continued) 4.11 <u>Centrex Express</u> (13)(cor	ntinued)					(N)
<u>contex Express</u> (15)(cor	(indea)					(11)
4.11.4 Rates and Charge	es (continued)					
B. Monthly Rat	es (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 M</u>
Message Waiting Indication						
Per Station.	\$0.10	\$0.10	\$0.10	\$0.10	\$0.10	\$0
Speed Calling						
Per Station	0.20	0.20	0.20	0.20	0.20	0
Toll Restriction						
Per Station	0.25	0.25	0.25	0.25	0.25	0
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 M</u>
Message Waiting						
Indication						
Per Station	\$0.09	\$0.09	\$0.09	\$0.09	\$0.09	\$0
Speed Calling						
Per Station	0.18	0.18	0.18	0.18	0.18	0
Toll Restriction						
Per Station	0.23	0.23	0.23	0.23	0.23	C

See Sheet 106.09 for footnotes

Birch Telecom of Missouri, Inc.

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Issued: November 8, 2004

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004



Original Sheet 1	No. 106.06
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SERVICES (continued)					RECEN	VED
4.11 Centrex Express (continue	ed)					
	(AUG 14;	1998
4.11.4 Rates and Charges	(continued)					
B. Monthly Rate	s (continued)			MÔ. H	UBLIC SERI	/ICE GOMM
 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
 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

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DEC 0 9 2004 106.00 e Commission Public

Effective: September 14, 1998

Issued: August 14, 1998

Birch Telecom of Missouri, Inc.

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

MISSOURI Public Service Commission

SEP 14 1998

4. SERVICES (continued)

4.11 Centrex Express (13) (continued)

- 4.11.4 Rates and Charges (continued)
 - C. Nonrecurring Charges

	Installation Charge	Service Connection Charge
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

Issued: November 8, 2004

G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004



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4. Sl	ERVICES (continued)		Missouri Pyrka Sorvico Commigsion
4.	11 Centrex Express (continued)		5205 4100 0 1 1000
	4.11.4 Rates and Charges (continued)		RECD MAR 31 1999
	C. Nonrecurring Charges		
			Service Connection
		Installation Charge	Charge
	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	
(N)			
(N)	Transfer of Telephone Numbers	25.00(10)	2.06(11)
(N)	- 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. - Per Station CANCE	23.90	6.75(8)
	- Per Station CANCE	2.90	6.75(8)

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See Sheet No. 106.09 for footnotes

Issued: March 31, 1999

David E. Scott, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108

Effective: April 30, 1999

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Original Sheet No. 106.07

4. SERVICES (continued)

4.11 Centrex Express (continued)

- 4.11.4 Rates and Charges (continued)
 - C. Nonrecurring Charges

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	Installation Charge	Service Connection <u>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		X-7
- 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	
Optional Features		
Assume Dial Nine, Per System, per C.O. Call Waiting/Cancel Call Waiting	10.20	6.75(8)
- 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)

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See Sheet No. 106.09 for footnotes

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Effective: September 14, 1998

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Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

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4. SERVICES (continued)

4.11 Centrex Express (13)(continued)

4.11.4 Rates and Charges (continued)

C. Nonrecurring Charges (continued)

	Installation Charge	Service Connection Charge
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

Issued: November 8, 2004

G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004



Birch Telecom of Missouri, Inc.		Original Sheet No. 106.08
4. SERVICES (continued)		RECEIVED
4.11 <u>Centrex Express</u> (continued)		AUG 1 4 1998
4.11.4 Rates and Charges (continued)		MO. PUBLIC SERVICE COMM
C. Nonrecurring Charges (continued)		
	Installation Charge	Service Connection Charge
Caller ID (continued) Conversion Charges Calling Number Delivery to Calling Name		
& Number Delivery - Per System, per C. O.	\$4.80 1.45	\$6.75(8)
 Per Station Calling Name Delivery to Calling Name & Number Delivery 	1.45	6.75(8)
- Per System, per C. O. - Per Station	23.90 1.45	6.75(8) 6.75(8)
Message Waiting Indication		
- Per System, per C. O. - Per Station	4.80 0.50	6.75(8) 6.75(8)
Speed Calling		
- Per System, per C. O. - Per Station	10.20 0.50	6.75(8) 6.75(8)
Toll Restriction - Per System, per C. O. - Per Station	91.75 0.50	6.75(8) 6.75(8)

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See Sheet 106.09 for footnotes

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Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

Effective: September 14,1998 1998

MISSOURI Public Service Commission



4. SERVICES (continued)

4.11 <u>Centrex Express</u> (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 Exp ress 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)

G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108



4. SERVICES (continued)

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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.

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DEC 0 9 2004 By Chel RS 106. Of Public Service Commission

> Missouri Public Service Commission

FILED APR 3 0 1999

Effective: April 30, 1999

Issued: March 31, 1999

David E. Scott, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108



Original Sheet No. 106.09

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AUG 1 4 1998

- 4. SERVICES (continued)
 - 4.11 <u>Centrex Express</u> (continued)

<u>Footnotes</u>

- (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.

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Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998 SEP 14 1998

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MISSOURI Public Service Commission

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

Original Sheet No. 107 RECEIVED Tariff Reference SWBT PSC Mo.-No. 35 §48 JAN 2 1 1998

4. SERVICES (continued)

4.9 Voice Dial

MISSOURI Public Service Commission

The Company concurs with the terms and conditions, including all footnotes thereto, applying to and governing Voice Dial Services as set forth in the Southwestern Bell Telephone Company Tariff, PSC. Mo. No. 35 §48 on file with and approved by the Commission, and in any amendments thereto as authorized by the Commission or applicable law, to the extent such services are set forth in the following pages of this section of the Tariff. The Company does not concur with the rates of Southwestern Bell Telephone Company for Voice Dial services to the extent that rates for specified services are set out in the following pages of this concurrence.

The Company reserves the right to cancel and make void the above concurrence statement, subject to requirements as may be ordered by the Commission, at any and such time as it appears that such cancellation is in the best interest of the Company and/or its customers.

David E. Scott, President

Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

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<u>FILED</u>

Effective: February 20, 1998

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Issued: August 14, 1998

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105



Original Sheet No. 108

Tariff Reference

4. SERVICES (continued)

Birch Telecom of Missouri, Inc.

4.9 Voice Dial

A. Rates and Charges

The following rates and charges apply on a per line basis:

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MISSOURI Public Service Commission

The following faces and charges apply on a			
	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring Charges(1)(2)
Residence			
Directory-30, (3)	VYDIX	\$3.60	\$6.00
Directory-50, (3)	VYD2X	5.40	6.00
Directory-75, (3)	VYD3X	7.20	6.00
Shared Directory-30, per line (3)(4)	VYEIX	.90	3.50
Shared Directory-50, per line (3)(4)	VYE2X	.90	3.50
Shared Directory-75, per line (3)(4)	VYE3X	.90	3.50
Business			
Directory-30, (3)	VYDIX	3.60	\$6.00
Directory-50, (3)	VYD2X	5.40	6.00
Directory-75, (3)	VYD3X	7.20	6.00
Shared Directory-30, per line (3)(4)	VYE1X	.90	3.50
Shared Directory-50, per line (3)(4)	VYE2X	.90	3.50
Shared Directory-75, per line (3)(4)	VYE3X	.90	3.50
	ResidenceDirectory-30, (3)Directory-50, (3)Directory-75, (3)Shared Directory-30, per line (3)(4)Shared Directory-50, per line (3)(4)Shared Directory-75, per line (3)(4)BusinessDirectory-30, (3)Directory-50, (3)Directory-75, (3)Shared Directory-30, per line (3)(4)	ResidenceDirectory-30, (3)VYD1XDirectory-50, (3)VYD2XDirectory-75, (3)VYD3XShared Directory-30, per line (3)(4)VYE1XShared Directory-50, per line (3)(4)VYE2XShared Directory-75, per line (3)(4)VYE3XBusinessDirectory-30, (3)VYD1XDirectory-50, (3)VYD2XDirectory-75, (3)VYD2XDirectory-75, (3)VYD3XShared Directory-30, per line (3)(4)VYE1XShared Directory-50, per line (3)(4)VYE1XShared Directory-50, per line (3)(4)VYE1XShared Directory-50, per line (3)(4)VYE2X	Residence Monthly Directory-30, (3) VYD1X \$3.60 Directory-50, (3) VYD2X 5.40 Directory-75, (3) VYD3X 7.20 Shared Directory-30, per line (3)(4) VYE1X .90 Shared Directory-50, per line (3)(4) VYE2X .90 Shared Directory-75, per line (3)(4) VYE3X .90 Business Directory-75, (3) VYD1X 3.60 Directory-50, (3) VYD2X 5.40 Directory-50, (3) VYD2X 5.40 Directory-75, (3) VYD1X 3.60 Directory-75, (3) VYD2X 5.40 Directory-75, (3) VYD3X 7.20 Shared Directory-30, per line (3)(4) VYE1X .90 Shared Directory-30, per line (3)(4) VYE1X .90 Shared Directory-50, per line (3)(4) VYE1X .90 Shared Directory-50, per line (3)(4) VYE1X .90

- (1) Nonrecurring charges are applicable when the customer's telephone number is changed (unless the charge is due to Company reasons), the size of the directory is decreased (e.g., 75 to 50), the customer changes to/from a shared directory (e.g., shared to non-shared) or the customer requests changes in the language voice prompts (e.g., English to Spanish) by the Company.
- (2) If more than one subsequent change is requested at the same time (e.g., change to directory size and the directory type), only one nonrecurring charge will apply.
- (3) Directory-30, 50 and 75, per line rates and charges (VYD1X, VYD2X or VYD3X) are applicable to and designate either the primary telephone number of a two-telephone number directory sharing arrangement or the main telephone number of a non-shared directory. A disconnection of the primary telephone number of a directory sharing arrangement will result in a change from a shared directory type service to a nonshared directory type service. A primary and secondary telephone number is required for a shared directory type service.
- (4) Shared Directory-30, 50 and 75, per line rates and charges (VYE1X, VYE2X or VYE3X) are applicable to and designate the secondary telephone number of a shared directory and apply in addition to non-shared directory rates and charges.
- (5) The monthly rate will be discounted by \$0.90 when the customer subscribes to VOICE DIAL and the following services: The WORKS, The WORKS Plus, or BizSaver. This discount is applicable to the primary (non-shared) line only. USOC RCRVD will be used.

Issued: January 21, 1998

Effective: February 20, 1998 David E. Scott, President Birch Telecom of Missouri, Inc. I000 Walnut Street, Suite 1220 Kansas City, MO 64106

FEB 2 0 1998 9 7 - 3 7 2 MISSOURI Public Service Commission



4. SERVICES (continued)

4.12 Integrated Services

4.12.1 CSV/CSD Transport (6)

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

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CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004



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1st Revised Sheet No. 109 Replacing Original Sheet No. 109

4. SERVICES (continued)

4.12 Integrated Services

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4.12.1 CSV/CSD Transport

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.

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

SEP 14 1998

Original Sheet No. 109 RECEIVED Tariff Reference SWBT PSC Mo.-No. 41 JAN 2 1 1998

4. SERVICES (continued)

4.10 Integrated Services

MISSOURI Public Service Commission

The Company concurs with the terms and conditions, including all footnotes thereto, applying to and governing Integrated Services as set forth in the Southwestern Bell Telephone Company Tariff, PSC. Mo. No. 41 on file with and approved by the Commission, and in any amendments thereto as authorized by the Commission or applicable law, to the extent such services are set forth in the following pages of this section of the Tariff. The Company does not concur with the rates of Southwestern Bell Telephone Company for Integrated Services to the extent that rates for specified services are set out in the following pages of this concurrence.

The Company reserves the right to cancel and make void the above concurrence statement, subject to requirements as may be ordered by the Commission, at any and such time as it appears that such cancellation is in the best interest of the Company and/or its customers.

CANCELLED

SEP 1 4 1998 By SFRS#109 Public Service Commission MISSOURI

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Issued: January 21, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

Effective: February 20, 1998

MISSOURI Hublic Service Commission

4. SERVICES (continued)

4.12 Integrated Services (6) (continued)

- 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)

Rate Group (3)	Monthly Rate			
	Rate	Rate		
	Segment I	Segment II		
А	\$30.00	\$30.00		
A1 (3)	30.00	27.00		
В	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	Month	nly Rate		
Compatible DID/DOD, each (1)(2)				
Applicable to all Rate Groups (3)	NOTE: Loca service usage apply as spec Section 4.1 o	e charges vified in		
3. Message Rate Usage (4)				
- ISDN PRI Service Compatible DID/DOD, each (1)(2) Initial or Additional	Month	<u>nly Rate</u>		
Applicable to all Rate Groups (3)	NOTE: See S this Tariff for service availa message allo charge per ad message.	ability, wance and		

See Sheet No. 112 for footnotes

Issued: November 8, 2004

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004

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PSC MO No. 3

2nd Revised Sheet No. 110

Birch Telecom of Missouri, Inc. Replacing 1st Revised Sheet No. 110 Missouri Public CANCELLED SERVICES (continued) RECTD AUG 0 5 2003 4.12 Integrated Services (continued) DEC 0 9 2004 4.12.1 CSV/CSD Transport (continued) By 3rdRS110 A. Business Trunk Equivalentiblic Service Commission MISSOURI 1. Flat Rate Usage (4) ISDN PRI Service Compatible DID/DOD, each (1)(2) Rate Group (3) Monthly Rate Rate Rate Segment I Segment II А \$30.00 \$30.00 A1 (3) 30.00 27.00 (T) 38.10 B 38.10 B1(3) 38.10 34.29 (T) 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 Monthly Rate Compatible DID/DOD, each (1)(2)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 Monthly Rate Compatible DID/DOD, each (1)(2)Initial or Additional Applicable to all Rate Groups (3) NOTE: See Section 4.1 of this Tariff for message service availability, message allowance and Missouri Public charge per additional IMISCOUTT GOMMICSION See Sheet No. 112 for footnotes

FILED SEP 05 2003



Issued: August 4, 2003

Effective: September 5, 2003

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

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PSC Mo. No. 3

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1st Revised Sheet No. 110 Replacing Original Sheet No. 110

Birch	Telecom of Missouri, Inc.			I" Re Replacing Or	iginal Sheet	
4. SI	ERVICES (continued)		CANCE	LLED	Recen	750
4.1	2 Integrated Services (contin	nued)	SEP 0	~ ^^^?		v 15 12/
	4.12.1 CSV/CSD Trans	port (continued)	SEP U	SID	aug 147 N	998
	A. Business Trui	ık Equivalent	Jublic Service	MO. P	UBLIC SERV	HOE CU
	1. Flat Rate	Usage (4)				
		PRI Service patible DID/DOE), each (1)(2)			
		Rate Group (3)			Monthly R	late
	<u></u>	<u></u>		Ra		Rate
	D-Principal 2 D-Metropolit D-Metropolit Local Metro 2. Measured - ISDN PRI Compatible	an Calling Area- Zone can Calling Area- tan Calling Area- "A" Rate Usage (4)	1 Zones 2 Zones h (1)(2)	<u>Segr</u>	<u>ment I</u> 30.00 38.10 38.10 41.20 44.50 51.65 53.55 56.05 54.80 <u>y Rate</u> measured charges	Segmen \$30.0 27.0 38.1 34.2 37.0 40.0 46.4 48.2 50.4 49.3
				Section 4.1 of	this Tariff.	
	3. Message	Rate Usage (4)				
	- ISDN PRI Compatible Initial or A	e DID/DOD, eac	h (1)(2)	<u>Monthl</u>	<u>y Rate</u>	
500 S	Applicable heet No. 112 for footnotes.	to all Rate Grou	ıps (3)	NOTE: See S this Tariff for service availab message allow charge per add message.	message bility, ance and	D
			<u></u>			
Issued	d: August 14, 1998	David F	Scott, President	Effective: S	eptember 14	1938
			m of Missouri, Inc.		10000	וסו

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Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

4. SERVICES (co	ntinued)	<u>Tariff Reference</u> SWBT PSC MoNo. 41
		RECEIVED
4.10 Integrated	Services (continued)	
4.10.1 C	SV/CSD Transport	JAN 2 1 1998
А.	Business Trunk Equivalent	MISSOURI Public Sawice Commission
	1. Flat Rate Usage (1)(8)	- ACHC SAMICA COMPLESION
	- SmartTrunk Service Compatible DID/DOD, each (2)(3)	
	Rate Group (4)	Monthly Rate
	A B C-Principal Zone C-Metropolitan Calling Area-1 Zones D-Principal Zone D-Metropolitan Calling Area-1 Zones D-Metropolitan Calling Area-2 Zones Local Metro "A" 2. Measured Rate Usage (5)(8) - SmartTrunk Service Compatible DID/DOD, each (2)(3) Applicable to all Rate Groups (4)	\$27.00 34.29 37.08 40.05 46.49 48.20 50.45 49.32 <u>Monthly Rate</u> NOTE: Local measured service usage charges apply as specified in
	3. Message Rate Usage (8)	Section 4.1 of this Tariff.
	 SmartTrunk Service Compatible DID/DOD, each (2)(3) Initial(6) or Additional(7) 	Monthly Rate
CANCELLED SEP 1 4 1998 By SFRS#110 Public Service Commis MISSOURI	Applicable to all Rate Groups (4)	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.

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Issued: January 21, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106 FILED

Effective: February 20, 1998

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4. SERVICES (c	ontinued)				
4.12 Integrated	Services (6) (continued)				(N)
4.12.1 C	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)			
	Applicable to all Rate Groups (3)		<u>Mon</u> <u>Rate Segment I</u> 17.25		<u>gment II</u> 5.53
	2. Measured Rate Usage				
	 (a) ISDN BRI Service Compatible Payment Option 2 – each Basic Ra 	ate Interface ((1)(2)(5)		
	Applicable to all Rate Groups (3)	<u>Rate S</u> Monthly <u>Rate</u>	egment <u>I</u> Per Minute Rate	<u>Rate Se</u> Monthly <u>Rate</u>	<u>gment II</u> Per Minute Rate
	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.

Issued: November 8, 2004

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: December 9, 2004



PSC Mo. No. 3

2nd Revised Sheet No. 111 Replacing 1st Revised Sheet No. 111

4. SERVICES	S (continued)		Mie	DONA P	ulollig alooloo
4.12 Integra	nted Services (continued)	CANCELLED			
4.12.1	CSV/CSD Transport (continued)	DEC 0 9 2004	i Rect) Máy 2.	4 1999
	B. One-Party Equivalent	3rdRS11	nission		
	1. Flat Rate Usage (4) Public	DEC 0 9 2000 Brack S III Service Comm MISSOURI	IIIObran.		
	ISDN BRI Service Compatible Payment Option 1 – each B channel			1.1. D	
		<u>R</u>	<u>Mont</u> ate Segment I	<u>hly Rate</u> <u>Rate Seg</u> i	
	Applicable to all Rate Groups (3)		17.25	\$15.5	53
	2. Measured Rate Usage				
	(a) ISDN BRI Service Compatible Payment Option 2 – each Basic	Rate Interface (1)(2	2)(5)		
	Applicable to all Rate Groups (3		eg <u>ment I</u> Per Minute <u>Rate</u>	<u>Rate Se</u> Monthly <u>Rate</u>	<u>gment II</u> Per Minute <u>Rate</u>
	Usage Package A – includes up 600 minutes of local usage per month.	to \$ 0.00		\$ 0.00	
	Per Minute, or fraction thereof, i excess of 600 minutes of local us allowance.		\$.04		\$0.036
T)	Usage Package B – includes up 7,200 minutes of local usage per month.			16.20	

See Sheet No. 112 for footnotes.

Birch Telecom of Missouri, Inc.



David E. Scott, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108 Effective: June 23, 1999

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PSC Mo. No. 3

1st Revised Sheet No. 111 Replacing Original Sheet No. 111

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. ,	• 4. SERVICES (continued)		aug 1 (4 1082	
	4.12 Integrated Services (continued)		Ngg tr	3 1990	
	4.12.1 CSV/CSD Transport (continued)	U,	AO. PUBLIC SE	RVICE COM	'n
	B. One-Party Equivalent				
(T)	1. Flat Rate Usage (4)				
	ISDN BRI Service Compatible Payment Option 1 – each B channel (1)(2	2)(5)	Mont	hly Rate	
(N)		<u>R</u>	ate Segment I	Rate Segr	
(N)	Applicable to all Rate Groups (3)		17.25	\$15.5	13
	2. Measured Rate Usage				
	(a) ISDN BRI Service Compatible Payment Option 2 – each Basic Rate	Interface (1)(2	2)(5)		
(N) (T) (T)	Applicable to all Rate Groups (3)	<u>Rate So</u> Monthly Rate	egment <u>1</u> Per Minute <u>Rate</u>	<u>Rate Se</u> Monthly <u>Rate</u>	<u>gment II</u> Per Minute <u>Rate</u>
	Usage Package A – includes up to 600 minutes of local usage per month.	\$ 0.00		\$ 0.00	
(N)	Per Minute, or fraction thereof, in excess of 600 minutes of local usage allowance.		\$.04		\$0.036
(N)	Usage Package B – includes up to 4,800 minutes of local usage per month.	18.00		16.20	
(N)	Per Minute, or fraction thereof, in excess of 4,800 minutes of local usage allowance.		.02		0.018
	CANCEL	LED			
	JUN 2 9	1999 54/11			

(T) See Sheet No. 112 for footnotes.

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David E. Scott, President

Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900

Kansas City, MO 64105

Effective: September 14, 1998

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MISSOURI Fublic Service Commission

Issued: August 14, 1998

4.	SERVICES	(continue	ed)	<u>Tariff Refere</u> SWBT PSC Mo.	NS ZEIVED
	4.10 Integra	ted Servic	ces (continued)	J	AN 21 1998
	4.10.1	CSV/C	SD Transport		MISSOURI
		A. One	-Party Equivalent	Public S	Gruice Commission
		1. I	Flat Rate Usage (1)(8)		
			igiLine Service Compatible ayment Option 1 – each B channel (2)(3)(11)	Monthly Rate	
		A	pplicable to all Rate Groups (4)	\$15.23	CANCELLED
		2. 1	Measured Rate Usage	Bu	SEP 1 4 1998
		(a	 DigiLine Service Compatible Payment Option 2 – each Basic Rate Interface (2) 	Public	Service Commission MISSOURI
			Applicable to all Rate Groups (4)	Monthly <u>Rate</u>	Per Minute <u>Rate</u>
			Usage Package A – includes up to 600 minutes of local usage per month.	\$ 0.00	
			Per Minute, or fraction thereof, in excess of 600 minutes of local usage allowance.		\$0.036
			Usage Package B – includes up to 4,800 minutes o local usage per month.	f \$16.20	
			Per Minute, or fraction thereof, in excess of 4,800 minutes of local usage allowance.		\$0.018
		(t	o) Optional Detail Billing		
			Monthly Preparation Charge	\$.90	
			Printed Listing (per message charge)	.009	
			Applicable Service and Equipment Charge, as spec Tariff, apply for both initiating and terminating thi		
			These charges apply in addition to applicable usage 4.10.1.A, preceding.	e charges specified	in Paragraph

See Sheet No. 112 for footnotes.

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David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

Effective: February 20, 1998 FEB 2 0 1998 MTSSOURI Fublic Service Commission

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4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.1 CSV/CSD Transport (6) (continued)

2. Measured Rate Usage (continued)

(b) Optional Detail Billing	Rate	Rate
	Segment I	Segment II
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.

Issued: November 8, 2004

G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108



(N)

Birch Telecom of Missouri, Inc.

3rd Revised Sheet No. 112 Replacing 2nd Revised Sheet No. 112

4. SERVICES (continued)

- 4.12 Integrated Services (continued)
 - 4.12.1 CSV/CSD Transport (continued)
 - 2. Measured Rate Usage (continued)

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Service Commission

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.

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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: (T) Al Rate Center includes Agency, DeKalb, Portage Des Sioux, Rushville, San Antonio. (T) Bl Rate Center includes Chesterfield, Fenton, Imperial, Manchester, Maxville, St. Charles, (T) Valley Park (T)

(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

Missouri Public Sorvico Commission

FILED SEP 05 2003

Issued: August 4, 2003

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

Effective: September 5, 2003

PSC Mo. No. 3

1st Revised Sheet No. 112

	Birch Telecom of Missouri, Inc.	Replacing Original Sheet No. 112	
		RECEIVED	
(D)	4. SERVICES (continued)	AUG 1 4 1998	
	4.12 Integrated Services (continued)		
	4.12.1 CSV/CSD Transport (continued)	MO. PUBLIC SERVICE COMM	
(M)	2. Measured Rate Usage (continued)		
(N) (N)	(b) Optional Detail Billing	Rate Rate Segment I Segment II	
(N)	Monthly Preparation Charge	\$1.00 \$.90	
(N)	Printed Listing (per message charge)	.01 .009	
	Applicable Service and Equipment Char apply for both initiating and terminating	arge, as specified in Section 4.1 of this Tariff, g this optional service offering.	
	These charges apply in addition to appli 4.12.1.A, preceding.	licable usage charges specified in Paragraph	

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.

(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.

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Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

Effective: September 14, 1998 SEP 14 1998

MISSOURI Public Service Commission

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Original Sheet No. 112

Tariff Reference SWBT PSQ Mo: No. 4150

- 4. SERVICES (continued)
 - 4.10 Integrated Services (continued)
 - 4.10.1 CSV/CSD Transport

Footnotes

- (1) USOCs for Flat Rate Service are NF8, NF9, T151X, T150X, T15CX, T2E1X, T2E0X, T2ECX.
- (2) The rates for main service do not include a telephone instrument.
- (3) Service is only offered where facilities are available.
- (4) For Rate Group classifications, see Section 3.1 of this Tariff.
- (5) USOCs for Measured Rate Service are T7W1X, T7W0X, T7WCX, T7Z1X, T7Z0X, T7ZCS, T7H1X, T7H0X and T7HCX.
- (6) USOCs for Message Rate; initial are T6H1X, T6HOX and T6HCX.
- (7) USOCs for Message Rate; additional, are T651X, T65OX, T65CX.
- (8) For rules and regulations, refer to Sections 2 and 4 of this Tariff.
- (9) USOCs for DigiLine Service compatible Flat Rate Service are UFKB1 and UFKB2.
- (10) USOCs for DigiLine Service compatible Measured Rate Service are: Usage Package A OUOXA, Usage Package B OUOXB.
- (11) Each B Channel configured for CSV/CSD shall constitute a local exchange access arrangement.

CANCELLED

SEP 1 4 1998 By St R S#1 12 Public Service Commission MISSOURI

FILED

Issued: January 21, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

Effective: February 20, 1998

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4. SERVICES (continued)

- 4.12 Integrated Services (continued)
 - 4.12.2 ISDN PRI Service (15)
 - 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

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

<u>Calling Line Identification (CLID)</u> – 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.

<u>Closed User Group</u> – 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.

<u>Closed User Group with Incoming Access</u> – 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.

<u>Closed User Group with Outgoing Access</u> – 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.

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

<u>Dynamic Channel Allocation (DCA)</u> – 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.)

Issued: December 16, 2003

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105



PSC Mo. No. 3

Birch Telecom of Missouri, Inc.	WORLLED	Original Sheet No. 112.01
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4. SERVICES (continued)	a 2004	received
4.12 Integrated Services (continued)	JAN 1 6 2004 JAN 1 6 2004 By St RS 1/2.01 Sublic Service Commission MISSOURI MO	AUG 1. 4. 1988
4.12.2 ISDN PRI Service	By Strice Commission	
A. Service Definition	MIDOC MO	PUBLIC SERVICE COMM

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

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

<u>Calling Line Identification (CLID)</u> – 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.

<u>Closed User Group</u> – 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.

<u>Closed User Group with Incoming Access</u> – 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.

<u>Closed User Group with Outgoing Access</u> – 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.

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

<u>Dynamic Channel Allocation (DCA)</u> – 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.)

Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

SEP 14 1998

MISSOURI Public Service Commission

- 4.12 Integrated Services (continued)
 - 4.12.2 ISDN PRI Service (15)
 - B. Service Components (continued)

<u>Enhanced Alternate Route</u> – 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.

<u>Flow Control Parameter Negotiation</u> – 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.

<u>Hunt Group for PSD</u> – 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.

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

<u>Inform 911</u> – 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.

<u>Integrated Services Digital CSV/CSD Transport Option</u> - 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.

<u>Link Extension</u> – 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 PRIequipped 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.

<u>Local Charge Prevention</u> – 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.

Issued: December 16, 2003

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: January 16, 2004



(T)

Birch Telecom of Missouri, Inc.

1st Revised Sheet No. 112.02 Replacing Original Sheet No. 112.02

- SERVICES (continued)
 - 4.12 Integrated Services (continued)
 - 4.12.2 ISDN PRI Service (continued)
 - B. Service Components (continued)
 - Enhanced Alternate Route Allows incoming voice or data calls to overflow on a disaster and (Ņ)

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Missouri Public Sorvico Commission JAN 1 6 2004 2. OC RECTO JAN 2 9 1999

busy basis to a line side connection designated by the customer. A route may be limited in the (Ń) 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.

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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.

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

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4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (continued)

B. Service Components (continued public Service Commission), PUBLIC SERVICE COMM

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.

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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.

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 servced 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.

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4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15)

B. Service Components (continued)

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

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

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

<u>Permanent Packet Switched Data (PSD) B Channel</u> – 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 Para meter 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.

<u>Permanent Virtual Circuit</u> – 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.

<u>Recognized Private Operating Agency (RPOA) Selection</u> – 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.

<u>Reverse Charge</u> – 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.

<u>Reverse Charge Acceptance</u> – 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.

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- 4. SERVICES (continued)
 - 4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (continued)

B. Service Components (continued)

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

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<u>Reverse Charge Acceptance</u> – 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 plied to the terminating party.

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

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- 4. SERVICES (continued)
 - 4.12 Integrated Services (continued)
 - 4.12.2 ISDN PRI Service (continued)
 - B. Service Components (continued)

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<u>Reverse Charge</u> – A packet switched data feature that allows a user to assign billing (on a percall 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 CANCELLED charging facility. The charges for this call will be billed to the terminating party.

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

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

<u>Throughput Class Selection</u> – 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.

<u>Universal Termination</u> – 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.

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4. SERVICES (continued)

- 4.12 Integrated Services (continued)
 - 4.12.2 ISDN PRI Service (15)
 - B. Service Components (continued)

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

<u>Station Record Detail</u> – 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.

 $\frac{\text{Throughput Class Negotiation}}{\text{a lower throughput class other than the preassigned standard network default.}}$

<u>Throughput Class Selection</u> – 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.

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		CES (continued)	
	4.12 Inte	egrated Services (continued)	Missouri Public Sorvico Commission
	4.1	2.2 ISDN PRI Service (continued)	RECD JAN 2 9 1999
	B.	Service Components (continued)	
 (M)		<u>ISDN PRI</u> – Provides the PRI termination and a digital multich between the central office and the customer's premises.	hannel transmission path
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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15)

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.

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: January 16, 2004



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- 4.12 Integrated Services (continued)
 - 4.12.2 ISDN PRI Service (continued)
 - D. Technical Specifications

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: September 14, 1998

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MISSOURI Public Service Commission



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- 4.12 Integrated Services (continued)
 - 4.12.2 ISDN PRI Service (15)
 - 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 PRIequipped 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.

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Birch Telecom of Missouri, Inc.

- 4. SERVICES (continued)
 - 4.12 Integrated Services (continued)
 - 4.12.2 ISDN PRI Service
 - 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.
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MISSOURI Public Service Commission

- 4. SERVICES (continued)
 - 4.12 Integrated Services (continued)
 - 4.12.2 ISDN PRI Service (15)
 - 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.

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105





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Birch Telecom of Missouri, Inc.

Original Sheet No. 112.06

- 4. SERVICES (continued)
 - 4.12 Integrated Services (continued)
 - 4.12.2 ISDN PRI Service
 - 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.

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4.	SERVICES (continued	d)
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4.12 Integrated Services (continued)

4.12.2 ISDN PRI Service (15)

- F. Rates and Charges (1)
 - 1. Monthly Rates

	D-MCA-1,	
Description	<u>D-MCA-2, MCA-3</u>	<u>MCA-4</u>
ISDN PRI Month-to-Month Service 12-Month Service Term (1)(2)	\$900.00 800.00	\$1,000.00 900.00
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

Description

Installation, per PRI Month-to-Month Service 12-Month Service Term	\$900.00 600.00
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

- 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.

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2nd Revised Sheet No. 113 Replacing 1st Revised Sheet No. 113

SERVICES	(continued)	CANCELLED	-	
4.12 Integra	ted Services (continued)	CANGELLED		
4.12.2	ISDN PRI Service (continued)	JAN 1 6 2004	2	
	F. Rates and Charges (1)	By SICIRS 112 Public Service Com	mission	
	1. Monthly Rates	Public Service DURI		
			D-Principal Zone, D-MCA-1,	
	Desc	ription	<u>D-MCA-2, MCA-3</u>	<u>MCA-4</u>
	ISDN PRI			
	Month-to-Month Servi		\$900.00	\$1,000.00
	12-Month Service Ter	m (1)(2)	800.00	900.00
	Dynamic Channel Allocati	on, per PRI	50.00	50.00
	Backup D-Channel, per PF	น	10.00	10.00
	Caller ID Name and Numb	er, 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			
	Desc	ription		
	Installation, per PRI			
	Month-to-Month Serv		\$900.00	
	12-Month Service Ter	m	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	nt, 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.

Issued: January 8, 2003

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: February 8, 2003 Missouri Public Gervice Commission

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PSC Mo. No. 3

1st Revised Sheet No. 113 Replacing Original Sheet No. 113

	Replacing Original Sheet No. 115						
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By Ind Public Sery	KS (13	sior	MO. PUBLIC S	SERVICE CUN			
MB	SOON						
			Month	nly Rate			
· (D)) <u>Initial</u>	<u>Additional</u>	Rate Segment I	Rate <u>Segment II</u>			
	63 5 40 00						
				\$562.50			
	,	,		540.00			
	,			459.00			
•	1,250.00	1,000.00		427.50			
	750.00	500.00	425.00	382.50			
	500.00	-0-	375.00	337.50			
	360.00	235.00	250.00	225.00			
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	85.00	10.00(6)	25.00	22.50			
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1	10.00	10.00	375.00	337.50			
	-0-	-0-	25.00	22.50			
	15.00	15.00	40.00	36.00			
er PRI	100.00	100.00	100.00	90.00			
	328.00	328.00	140.00	126.00			
	by FEB By 2nd Public Serv ME	Public Service Commis (D) Installation (D) Initial (D) S3,540.00 2,300.00 1,600.00 1,250.00 750.00 500.00 360.00 (3) ption, -0- 85.00 85.00 85.00 85.00 10.00 -0- 15.00 15.00 10.00	CANCEBLLED FEB 0 8 2003 By 2 A CRS (1.3 Public Service Commission (D) Installation Charge Initial Additional \$3,540.00 \$2,790.00 2,300.00 1,800.00 1,600.00 1,250.00 1,250.00 1,000.00 750.00 500.00 -0- 360.00 235.00 (3)0- 360.00 235.00 (3)0- 85.00 10.00(6) 85.00 10.00(6) 85.00 10.00(6) 85.00 10.00(6) 10.00 10.00 -00- 15.00 15.00 100.00 100.00	CANCELLED REC FEB 0 8 2003 AWG 3 Public Service Commission MU. Public 3 (D) Installation Charge Month (D) Installation 0 \$2,000 (D) 1,250.00 \$2,000 (3) -0- -0- -0- -0- ption, -0- -0- (3) -0- -0- <			

See Sheet No. 115 for footnotes.

Birch Telecom of Missouri, Inc.

Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

SEP 14 1998

Effective: September 14, 1998

MISSOURI Public Service Commission

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4.10 Integrated Services (continued)

4.10.2 SmartTrunk Service

A. Rates and Charges (1)

Original Sheet No. 113

Tariff Reference SWBT PSC Mo. NO24WED

JAN 2 1 1998

MISSOURI Public Service Commission

			<u>Installat</u>	tion Charge	Monthly
	Description	<u>USOC</u>	<u>Initial</u>	<u>Additional</u>	<u>Rate</u>
	SmartTrunk Interface (SI)				
	Month-to-Month Service	ZPAZD	\$3,540.00	\$2,790.00	\$562.50
	12-Month Service Term	ZPAZD	2,300.00	1,800.00	540.00
	24-Month Service Term	ZPAZD	1,600.00	1,250.00	459.00
	36-Month Service Term	ZPAZD	1,250.00	1,000.00	427.50
	48-Month Service Term	ZPAZD	750.00	500.00	382.50
	60-Month Service Term	ZPAZD	500.00	-0-	337.50
	Link Extension, per SI	LN3	360.00	235.00	225.00
	Integrated Services Digital				
	CSV/CSD Transport Options (3)				(4)
	Outward WATs Option,				
	per B channel (8)	WTM2X	-0-	-0-	-0-
	Common Line 800 Service Option,				
	per B channel (8)	WTM1X	-0-	-0-	-0-
-	Universal Termination				
	Each FX (5)(8)	NTE1X	85.00	10.00(6)	22.50
	Esch FSO (5)(8)	NTE2X	85.00	10.00(6)	22.50
A S	ach tie line	NTE3X	85.00	10.00(6)	22.50
A North	Dynamic Channel Allocation:				
Contraction of the second seco	each SI equipped	CCZ	10.00	10.00	337.50
S (+ 8	Network Ring Again,				
Nor	each SI	ACV	-0-	-0-	22.50
600	Backup D-Channel, per Sl	ZPBXD	15.00	15.00	36.00
×.	Calling Line Identification, per SI	NXN	100.00	100.00	90.00
	Loop Protection (10)	L8P	328.00	328.00	126.00

(per SmartTrunk Interface facility)

See Sheet No. 115 for footnotes.



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Effective: February 20, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106 FEB 2 0 1998 9 7 - 3 7 2 MISSOURI Public Service Commission



Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

Reserved for Future Use.



Effective: February 8, 2003

Issued: January 8, 2003

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 (D)

- 4. SERVICES (continued) 4.12 Integrated Services (continued) 4.12.2 ISDN PRI Service (continued) A. Rates and Charges (1) (continued) Installation Charge Monthly Rate Description <u>Initial</u> Additional(2) Rate Rate Segment I Segment II (N) Enhanced Alternate Route \$200.00 - 0 -\$75.00 \$67.50 Per route defined(14) Inform 911, per S.I. equipped (14) -0-125.00 112.50 200.00 Station Record Detail 200.00 - 0 -20.00 18.00 (N) Per S.I. equipped(14) PACKET SWITCHED DATA (PSD) NETWORK RATE ELEMENT, PER B CHANNEL -0-Permanent PSD-B Channel (9) -0-150.00 135.00 PACKET SWITCHED DATA (PSD) NETWORK (X.25) OPTIONS, PER B CHANNEL - Closed User Group -0--0-5.00 - Permanent Virtual Circuit -0--0-2.00 - Local Charge Prevention 0.50 -0--0-(M)CANCELLED FEB 0 8 2003 Inssion
 - Missouri Public Nico Commission SONIDO

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FILED MAR 0 1 1999

Issued: January 29, 1999

See Sheet 115 for footnotes.

Effective: March 1, 1999

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

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Missouri Public Sorvice Commission

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PSC Mo. No. 3

Birch Telecom of Missouri, Inc.

1st Revised Sheet No. 114 Replacing Original Sheet No. 114

4. SEF	VICES (continued)		OFIL	FD		RECEI	ved
	Integrated Services (continued)		NCELL			AUG 14	1998
	4.12.2 ISDN PRI Service (continued) M		1999 5#114 Commission	MO. H	UBLIC SER	
	A. Rates and Charges (1) (continued)		ervice (Commission Commission URI Installation Cl Initial Add			198 99
	Description		NILOO	Installation Cl Initial Add	<u>harge</u> ditional	Month Rate	ily Rate Ra
	<u>~ + + + + + + + + + + + + + + + + + + +</u>		(D)	<u></u>		Segment I	Segm
	PACKET SWITCHED DATA (PSD) NETWORK RATE ELEMENT, PER CHANNEL	в					
	Permanent PSD-B Channel (9)			-0-	-0-	\$150.00	\$135
	PACKET SWITCHED DATA (PSD) NETWORK (X.25) OPTIONS, PER CHANNEL	В					
	- Closed User Group			-0-	-0-	5.00	4
	- Permanent Virtual Circuit	1		-0-	-0-	2.00	1
	- Local Charge Prevention	I		-0-	-0-	0.50	
	ADDITIONS, CHANGES AND REA	RRANGE	MENTS				
			(D)	<u>Installation</u> Initial	<u>Charge</u> Addition	<u>al</u>	
	- Move Charge, per PRI			\$1,435.00	\$685.0	00	
	- Change DCA, per call type, per PRI	(7)		50.00	50.0	00	
	- Rearrangement of Backup D, per D channel, per order (7)			25.00	25.0	. 00	
	- Change to National ISDN, (same C per PRI (11)	0),		50.00	50.0	00	
	- Modify or rearrange a service component on an existing PRI, per of (not applicable with all components (12)			52.25			
	-Add a service component to an existi PRI, per component (not applicable v all components) (13)			52.25			
See She	eet 115 for footnotes.		I	ل مک مک کی			
					- <u>F</u>	- (_
Issued:	August 14, 1998 David	E. Scott,	President	Effective	: Septem		
	Birch Tel	lecom of N	lissouri, l		0=-		
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	Kans	as City, M	0 04103		440	00000	

MISSOURI Public Service Commission

Tariff Reference
SWBT PSC MG NE WED

4.10 Integrated Services (continued)

JAN 2 1 1998

4.10.2 SmartTrunk Service (continued)

A. Rates and Charges (1) (continued)

MISSOURI	
Public Service Commission	

Des <u>cription</u>	USOC	<u>Installatio</u> Initial	n Charge Additional	Monthly <u>Rate</u>
PACKET SWITCHED DATA (PSD) NETWORK RATE ELEMENT, PER B CHANNEL				
Permanent PSD-B Channel (9)	T16CX	-0-	-0-	\$135.00
PACKET SWITCHED DATA (PSD) NETWORK (X.25) OPTIONS, PER B CHANNEL				
- Closed User Group - Permanent Virtual Circuit - Local Charge Prevention	GDU GDV G5A	-0- -0- -0-	-0- -0- -0-	4.50 1.80 .45

ADDITIONS, CHANGES AND REARRANGEMENTS

		<u>Installatio</u>	on Charge
		Initial	Additional
- Move Charge, per SI	REA2K	\$1,435.00	\$685.00
- Change DCA, per call type, per SI(7)	REAIA	50.00	50.00
- Rearrangement of Backup D, per D channel, per order (7)	REAIE	25.00	25.00
- Change to National ISDN, (same CO), per SI (11)	REA2H	50.00	50.00
- Modify or rearrange a service component on an existing SI, per			CANCELLED
order (not applicable with all components) (I2)	REA1B	52.25	SEP 1 4 1998
-Add a service component to an existing SI, per component (not applicable with all components) (13)	REA2L	52.25	By SFKS#119 Public Service Commission MISSOURI

See Sheet 115 for footnotes.



Effective: February 20, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106 FEB 2 0 1998 9 7 - 3 7 2 MISSOURI Fublic Service Commission

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4.12 Integrated Services (continued)

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Issued: January 8, 2003

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346; JC-2020-0194 David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Effective: February 8, 2003

Birch Telecom of Missouri, Inc.

Original Sheet No. 114.01

(M)	4. SERVICES (continued)		Missouri Public Somico Commiceian
	4.12 Integrated Services (continued)		sonned Commiobion
	4.12.2 ISDN PRI Service (continued)		recto Jan 2 9 1999
	A. Rates and Charges (1) (continued)		
	ADDITIONS, CHANGES AND REARRANGEMENTS		
	Description	<u>Installation</u> Initial	<u>n Charge</u> <u>Additional</u>
	- Move Charge, per PRI	\$1,435.00	\$685.00
	- Change DCA, per call type, per PRI(7)	50.00	50.00
	- Rearrangement of Backup D, per D channel, per order (7)	25.00	25.00
	- Change to National ISDN, (same CO), per PRI (11)	50.00	50.00
	- Modify or rearrange a service component on an existing PRI, per order (not applicable with all components) (12)	52.25	
(M)	-Add a service component to an existing PR1, per component (not applicable with all components) (13)	52.25	

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Effective: March 1, 1999

See Sheet 115 for footnotes.

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Issued: January 29, 1999

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

- 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
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Birch Telecom of Missouri, Inc.

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.

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- (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.
- (N) (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
 (N) Service with which they are associated.

FILED MAR 0 1 1999

Effective: March 1, 1999

Issued: January 29, 1999

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105 Missouri Public Sorvice Commission

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PSC Mo. No. 3

Birch Telecom of Missouri, Inc.

(D)	4. SE	RVICES	S (continued)	CANCELLED	BECEINED
(T)	4.12	Integra	ated Services (continued)	MAR 0 1 1999	AUG 1 4 1998
(T)		4.12.2	ISDN PRI Service (continued)	MAR 0 1 1995 By 2nd 26# 115 By 2nd commission	MU. PUBLIC SERVICE COMM
		Footno		Public Senissouri	
			Rates and charges stated are in add line services in this and other Com	······································	FX, FSO, and tie
		(2)		additional unit is ordered and installed w	ith an initial unit
				SD Transport Options are not applicable	e with tie line
(T) (T)		(4)	Only the Integrated Services Digit	al CSV/CSD Transport options which ar iated with ISDN PRI Service. For rates	
(T)		(5)		tional services of Intrastate, IntraLATA ervice Office (FSO) Service and tie line on a per channel basis.	
		(6)		additional Universal Termination of the al Universal Termination per customer,	
		(7)	This charge applies only to modifiservice.	cations subsequent to the installation of	the initial
		(8)	FX/FSO, Outward WATS, and Co Services Digital CSV/CSD Transp	ommon Line 800 Service each require an port Option.	Integrated
		(9)		or telephone number. In addition, Digita	l Packet
		(10)	Loop Protection Feature will be pr	rovided where fiber optic facilities are no y apply when fiber optic facilities are not	
(T)		(11)		from vendor-specific to National ISDN ffice, the change is treated as a move and	
		(12)	CSV/CSD Transport Option, Outv	ange, or rearrange an Integrated Services ward WATS Option, Inward WATS Opt c Rate Element, or Packet Switched Data	ion, Network
(T)		(13)	This charge applies when adding a Option, Outward WATS Option, J	an Integrated Services Digital CSV/CSD Network Ring Again feature, PSD Network ubsequent to the initial installation of the	ork Rate Element,
(T)			Any service component related in	stallation charges from this tariff are also proponent with a maximum charge of \$1	o applicable. The

Issued: August 14, 1998

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

s I Effective: September 14, 1998

SEP 14 1998

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MISSOURI Public Sucruce Commission

Tariff Reference SWBIPSC Mo.-No. 41 NECEIVED

- 4. SERVICES (continued)
 - 4.10 Integrated Services (continued)

4.10.2 SmartTrunk Service (continued)

Footnotes



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- (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 "SmartTrunk Service Compatible" can be associated with SmartTrunk 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 the line service may be associated with SmartTrunk 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 SmartTrunk 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 SmartTrunk Interface. 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.

CANCELLED

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Issued: January 21, 1998

By Stand Public Service Commission Effective: February 20, 1998

Birch TeleSch of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

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4. SERVICES (continued)

- 4.12 Integrated Services (continued)
 - 4.12.3 ISDN BRI Service (11)
 - 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

<u>Additional Call Offering</u> – 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.)

<u>Additional End Point/Telephone Number</u> – 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.

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

<u>Basic Electronic Key Terminal Service (Basic EKTS) Feature Package</u> – 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.

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

<u>Bridged Call Exclusion</u> – 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.

<u>Bridging</u> – 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.

(T)

Issued: November 8, 2004

CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346: JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108



PSC Mo. No. 3

Bir	rch Telecom of Missouri, Inc.		Original Sheet No. 115.01
4.		CANCELLED	Received
	4.12 Integrated Services (contin 4.12.3 ISDN BRI Servic	DEC 0 9 2004	AUG 1 & 1998 Sion IO. PUBLIC SERVICE COMM
	A. Service Definition	By ISIN Commission Commis	sion IO. PUBLIC SERVICE COMM
	ISDN BRI Service is a	a Basic Rate (BRI) Integrated S	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

<u>Additional Call Offering</u> – 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.)

<u>Additional End Point/Telephone Number</u> – 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.

<u>Analog Member in a Hunt Group</u> – 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.

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

<u>Bridged Call Exclusion</u> – 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.

<u>Bridging</u> – 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.

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4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued)

B. Service Components (continued)

<u>Call Appearance</u> – 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).

<u>Call Appearance Call Handling Electronic Key Terminal Service (CACH EKTS) Feature Package</u> – 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.)

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

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

<u>Call Transfer Disconnect</u> – 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.

<u>Closed User Group</u> – 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.

<u>Closed User Group with Incoming Access</u> – 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.

<u>Closed User Group with Incoming Calls Barred</u> – 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.

<u>Closed User Group with Outgoing Access</u> – 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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Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

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AUG 1 4 1998 4.12.3 ISDN BRI Service (continued) MISSOURI

B. Service Components (continued)

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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.

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4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued)

B. Service Components (continued)

<u>Closed User Group with Outgoing Calls Barred</u> – 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.

<u>Delayed and Abbreviated Ringing</u> – 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 b given at each station.

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

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

 $\underline{Fast Select} - A$ 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.

<u>Fast Select Acceptance</u> – 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.

<u>Flow Control Parameter Negotiation</u> – 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.

<u>Hunt Group for CSD</u> – 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.

<u>Hunt Group for CSV</u> – 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.

<u>Hunt Group for PSD</u> – 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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		B. Se	ervice Components (continued)	MO.	PUBLIC S	eraice comm
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<u>Fast Select</u> – A packet switched data f data in call setup and clearing packets restriction. The user must request the bytes of user data is desired in the call			tets. There are two main the fast select facility	odes, fast s in the call	select and fast selection with		
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4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued)

B. Service Components (continued)

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

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

<u>Intercom</u> – 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.

<u>Integrated Services Digital CSV/CSD Transport Option</u> - 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.

<u>Link Extension Equipment</u> – 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.

<u>Link Extension Facility</u> – 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.

<u>Local Charge Prevention</u> – 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.

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

<u>Message Waiting Indicator</u> – 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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Birch Telecom of Missouri, Inc.

4. SERVICES (continued)

4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (continued)

B. Service Components (continued)

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

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



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4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued)

B. Service Components (continued)

<u>Multiple B Channel Terminals on a BRI</u> – 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.

<u>Network Ring Again (NRA)</u> – 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.

<u>On Demand PSD B Channel</u> – 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.

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

<u>Permanent Packet Switched Data (PSD) B Channel</u> – 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.

<u>Permanent Virtual Circuit</u> – 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.

<u>PSD D Channel</u> – 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.

<u>Reverse Charge</u> – 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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B. Serv	ice Components (continu	1ed)	
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autor		made to busy stations of a	al offices, the customer to a different PRI connected PBX system
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the r assig	need for call setup and cl	earing procedures to occu lata may be passed at any	nsfer of packet switched data without r. A logical channel is permanently time. Call set-up charges are not
X.25 Flow	packet switched data. 1 Control Parameter Neg ction. The customer is p	It includes the following f otiation, Throughput Clas	r a D channel (up to 9.6 Kbps) using eatures: Up to 15 Logical Channels, as Negotiation and Throughput Class d one telephone number at no additional
		witched data feature that led party rather than the ca	allows a user to assign billing (on a per- alling party.
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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

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4.12 Integrated Services (continued)

4.12.3 ISDN BRI Service (11) (continued)

B. Service Components (continued)

<u>Reverse Charge Acceptance</u> – 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.

<u>Secondary Only Telephone Number</u> – 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.

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

<u>Speed Call Long</u> – 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.

<u>Speed Call Short</u> – 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.

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

<u>Throughput Class Selection</u> – 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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	 Service Components (cont 		D. PUBLIC SERVICE COVY
	Reverse Charge Acceptance	<u>e</u> – A packet switched data fea ning calls which have requested	ture that allows the data communications the reverse charging facility. The charges
	other than a primary teleph Telephone Number does n BRI station can have one, Telephone Number can ha	none number, to be assigned to ot have to be a primary telepho or more, Secondary Only Telep	option that allows any telephone number an ISDN BRI station. A Secondary-Only ne number at another station. An ISDN whone Numbers. Each Secondary Only A Secondary-Only Telephone Number can BRI stations.
	Six-Way Conference Calli conference call for up to si		ption that allows the user to set up a
	button assigned to speed c		assigned number by pressing the feature via an interactive dialing sequence. This st.
	button assigned to speed c	alling and dialing one or two di	eassigned number by pressing the feature igits, or via an interactive dialing sequence. eed call list, depending on the serving
			eature that allows the calling data terminal signed standard network default.
	<u>Throughput Class Selection</u> following speeds in bits pe	n – A packet switched data fea er second: 75, 150, 300,600, 12	ture that allows a user to select one of the 200, 2400, 4800, 9600, 19200.
(C. Technical Specifications		
	found in SR-NWT-00		access to ISDN BRI serving offices are ce Generic Guidelines for Customer ed from:
	 ISDN BRI Service is Telephony (ITU-T) s 		tional Telecommunications Union-
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4. SERVICES (continued)

- 4.12 Integrated Services (continued)
 - 4.12.3 ISDN BRI Service (11) (continued)
 - 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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CANCELLED June 1, 2020 Missouri Public Service Commission TN-2020-0346: JC-2020-0194 G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108



PSC Mo. No. 3

Original Sheet No. 115.07

4 SERVICES (continued)	Received
4.12 Integrated Services (continued)	AUG 1 & 1998
4.12.3 ISDN BRI Service (continued)	Ngo 7 3 1920
C. Technical Specifications (continued)	MO. PUBLIC SERVICE COMM

- 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

Birch Telecom of Missouri, Inc.

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.

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Issued: August 14, 1998

David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

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- 4. SERVICES (continued)
 - 4.12 Integrated Services (continued)
 - 4.12.3 ISDN BRI Service (11) (continued)
 - 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.

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 (continued)
 - D. Regulations (continued)

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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.

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4.12 Integrated Services (continued)			
4.12.3 ISDN BRI Service (11)			
A. Rates and Charges			
Service Components	Month	ly Rate	
	Rate Segment I	Rate Segment II	Installation Charge (4)
1. Facility and Equipment Rate Elements	Segment I	Segment II	Charge (4)
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.

G. Michael Cassity, President Birch Telecom of Missouri, Inc. 2020 Baltimore Avenue Kansas City, MO 64108



PSC Mo. No. 3

Birch Telecom of Missouri, Inc.	l ^a Revised Replacing Origina	l Sheet No. 11 I Sheet No. 11	
CANCELLED	RECEIV	'ED	_
4. SERVICES (continued) 4.12 Integrated Services (continued) 1.12 Integrated Services (continued) 1.12 Integrated Services (continued)	AUG 1 4 1	98	
4.12 Integrated Services (continued) By Service Commis 4.12.3 ISDN BRI Service Public Service Commis A. Rates and Charges	ssion MO. Public Servi MO. Public Servi	ice comm	
A. Rates and Charges Service Components		<u>lv Rate</u> Rate Segment II	Installation <u>Charge (</u> 4)
1. Facility and Equipment Rate Elements			
Basic Rate Interface, each Installation Charge Pricing Options: Month-to-Month 12-Month 24-Month	\$45.50 45.50 45.50	\$40.95 40.95 40.95	\$400.00 200.00 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) each On Demand PSD B Channel(2)(3)	45.00 25.00	40.50 22.50	0.00 0.00
each D Channel (2) 3.CSV/CSD Network Options for each B Channel	5.00	4.50	0.00
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.

Issued: August 14, 1998

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David E. Scott, President Birch Telecom of Missouri, Inc. 1004 Baltimore Ave., Suite 900 Kansas City, MO 64105

Effective: September, 14, 1998

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4. SERVICES	(cont	inued)	3		2 1 1998
4.10 Integrat	ed Se	ervices (continued)			N I 1000
4.10.3	Digi	iLine Service	Ţ		SSOURI Ice Commission
	A. E	Rates and Charges		Monthly	Installation
	Ser	vice Components	<u>USOC</u>	<u>Rate</u>	<u>Charge (4)</u>
	1.	Facility and Equipment Rate Elements			
		Basic Rate Interface, each Installation Charge Pricing Options: Month-to-Month 12-Month 24-Month	Z22, Z23	\$40.95 40.95 40.95	\$400.00 200.00 0.00
		Link Extension Equipment, each	NCI	32.40	0.00
		Link Extension Facility, each	οτνχχ	7.92	0.00
	2.	Network Rate Elements		(CANCELLED
		Integrated Services Digital Circuit Switched Voice/Circuit Switched Data Transport Option (CSV/CSD) Packet Switched Data (PSD),		(1) By Public	SEP 1 4 1998 SFRSHILE Service Commiss MISSOURI
		each Permanent PSD B Channel(2)	LTF3X LTF4X	40.50	MISSOURI
		each On Demand PSD B Channel(2)(3)	LTQ7X	22.50	0.00
		each D Channel (2)	LTF4X LT44X	4.50	0.00
	3.	CSV/CSD Network Options for each B Channel			
		Additional Call Offering	NCO	9.09	0.00
		Analog Member in a Hunt Group	HGA	2.70	0.00
		Automatic Callback	FKD	3.60	11.00
		Automatic Recall	FKA	3.60	6.50
		Basic Electronic Key Terminal Service (Basic EKTS) Feature Package	FPG1X	10.80	0.00

See Sheet No. 119 for footnotes.

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David E. Scott, President Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106 FEB 2 0 1998 9 7 - 3 7 2 MISSOURI Public Service Commission

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SERVIC	ES (continued)				
4.12	Integrated Services (continued)				
	4.12.3 ISDN BRI Service (11) (conti	nued)			(N)
	A. Rates and Charges (contin Service Components		<u>ly Rate</u> Rate Segment II	Installation <u>Charge (</u> 4)	
4.	CSV/CSD Network Options for each B Channel (continued)	<u>Segment 1</u>	<u>Segment II</u>		
	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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	Birch Telecom of Missouri, Inc.	CANCELLED	Rep		d Sheet No. 11 I Sheet No. 11	
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	4. SERVICES (continued)			১ এ এ এননন		
(T)	 SERVICES (continued) 4.12 <u>Integrated Services</u> (continue) 4.12.3 ISDN BRI Service (continue) 	Dic Service Com	แรมนุกษฐ) T & 1990		
(T)	4.12.3 ISDN BRI Service (cont	tinued)	MO PUHU	G SERVICE (20MM	
	A. Rates and Charges (c Service Components	continued)	(D)		ly Rate	Installation
(N) (N)	<u> </u>			Rate	Rate	Charge (4)
(N)	4. CSV/CSD Network Channel (continued			<u>Segment I</u>	<u>Segment II</u>	
(N)) 	CACH Electronic K Service (CACH EK Package			\$15.00	\$13.50	\$0.00
	Call Forwarding Do	on't Answer		3.00	2.70	0.00
	Call Forwarding Int	terface Busy		3.00	2.70	0.00
	Call Forwarding Va	ariable		4.35	3.92	0.00
(D)	Call Bislow			0.50	0.45	0.00
(N) 	Call Pickup Call Transfer Disco	nnact		8.00	7.20	0.00
	Caller ID	ameet		8.50	7.65	6.50
	Customer Originate	ed Trace		(6a)	(6b)	5.00
	Delayed and Abbre			6.00	5.40	0.00
	Distinctive Ringing			6.00	5.40	0.00
	Hunt Group for CS	-		2.80	2.52	0.00
	Hunt Group for CS			2.80	2.52	0.00
	Hunt Group Transf			1.00	0.90	0.00
	Message Waiting In	ndicator		0.00	0.00	0.00
	Remote Access to 0	Call Forwarding		2.75	2.48	0.00
	Secondary Only Te	elephone Number		10.10	9.09	0.00
	Selective Call Forw	varding		4.35	3.92	14.00
	Selective Call Reje	ction		4.00	3.60	10.00
	Six Way Conference	ce Calling	l	6.95	6.26	0.00
	Speed Call Long			8.70	7.83	0.00
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See Sheet No. 119 for footnotes.

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Birch Telecom of Missouri, Inc.

Original Sheet No. 117

				Tamff Refere SWBT PSC Mo	No. 41		
	4. SERVICES (continued)				JAN 2 1 1998		
	4.10 Integrated S		JAN 2	1 1330			
	4.10.3 DigiLine Service (continued) A. Rates and Charges (continued)			MISS Public Service	OURI P Commission		
		<u>vice Components</u> CSV/CSD Network Options for each B Channel (continued)	<u>USOC</u>	Monthly <u>Rate</u>	Installation <u>Charge (</u> 4)		
		CACH Electronic Key Terminal Service (CACH EKTS) Feature Package	EFV1X	13.50	0.00		
		Call Forwarding Don't Answer	NQ6	2.70	0.00		
		Call Forwarding Interface Busy	NQ5	2.70	0.00		
		Call Forwarding Variable	NVF	3.92	0.00		
		Calling Number Delivery	ZCN	7.65	6.50		
		Call Pickup	N9H	0.45	0.00		
		Call Transfer Disconnect	NZJPK	7.20	0.00		
		Caller ID	ZCN	7.65	6.50		
		Customer Originated Trace	FKN	(6)	5.00		
		Delayed and Abbreviated Ring (5)	NQG	5.40	0.00		
		Distinctive Ringing	R8D	5.40	0.00		
		Hunt Group for CSD	HTKPG	2.52	0.00		
	•	Hunt Group for CSV	GXH	2.52	0.00		
	, IED	Hunt Group Transfer for CSD	HG2	0.90	0.00		
	CANCELLED BOS	Hunt Group Transfer for CSD Message Waiting Indicator Remote Access to Call Forwarding Secondary Only Telephone Number	NZW	0.00	0.00		
	CAN LAND	Remote Access to Call Forwarding	RHA	2.48	0.00		
	કારી િંદ્યમાં	Secondary Only Telephone Number	DO6	9.09	0.00		
6	13 Micson	Selective Call Forwarding	FKE	3.92	14.00		
	BY SEMI-	Selective Call Rejection	FKQ	3.60	10.00		
	çüv	Six Way Conference Calling	NZ6	6.26	0.00		
		Speed Call Long	NY3	7.83	0.00		

David E. Scott, President

Birch Telecom of Missouri, Inc. 1000 Walnut Street, Suite 1220 Kansas City, MO 64106

See Sheet No. 119 for footnotes.

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4.

. SERVI	CES (continued)				
4.12 <u>Inte</u>	egrated Services (continued)				
4.1	2.3 ISDN BRI Service (11) (continued)				
А.	Rates and Charges (continued) Service Components	<u>Monthly Rate</u> Rate Rate		Installation <u>Charge (4</u>)	
4.	CSV/CSD Network Options for each B Channel (continued)	<u>Segment I</u>	<u>Segment II</u>		
	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 Change a Feature Package, per channel(8)			Nonrecurring <u>Charge</u> \$ 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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Birch Telecom of Mi	ssouri, Inc.		Repl		d Sheet No. 11 al Sheet No. 11	
		CANCELLE)			
4. SERVICES (con	tinued)			recei	MED	
4.12 Integrated S	ervices (continued)	DEC 0 9 201 BX 200 COM	8			
4.12.3 ISI	ON BRI Service (contin	By A de Si (By A de Si (By Service Com Missouri tinued)	mission	aug 14	: 1998	
	Rates and Charges (con rvice Components	tinued)	(D) 10.	IUUSRUSS	NICE COPA	Ins
				Rate	Rate	<u>Ch</u> a
4.	CSV/CSD Network O Channel (continued)	ptions for each B		Segment I	<u>Segment II</u>	
	Speed Call Short			\$4.35	\$3.92	:
	Three Way Conferenc	e Calling		\$4.35	3.92	
5.	PSD Network Options D or B Channel Assig					
	Additional End Point/ Number (7)	Telephone		0.50	0.45	
	Closed User Group			5.00	4.50	
	Hunt Group for PSD			2.80	2.52	
	Incoming Calls Barred	i		0.50	0.45	
	Local Charge Prevent	ion		0.50	0.45	
	Outgoing Calls Barree	I		0.50	0.45	
	Permanent Virtual Cir	cuit		2.00	1.80	
6.	Changes/Moves				Nonrecurring <u>Charge</u>	
	Change a Feature Pack channel(8)	kage, per			\$ 14.50	
	Change a Network Op Feature Package), per				10.50	
	Add, Change or Rear Rate Element, each Ba Interface(10)				14.50	
	Move Charge				300.00	

PSC Mo. No. 3

See Sheet No. 119 for footnotes.



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Original Sheet No. 118 RECEIVED SWBT PSC Mo.-No. 41 JAN 2 1 1998

4. SERVICES (continued)

4.10 Integrated Services (continued)

4.10.3 DigiLine Service (continued)

A. Rates and Charges (continued)

1	Rates and charges (continued)		Monthly	Installation	
	<u>vice Components</u> CSV/CSD Network Options for each B Channel (continued)	<u>USOC</u>	Rate	<u>Charge (</u> 4)	
	Speed Call Short	NY6	\$3.92	\$0.00	
	Three Way Conference Calling	NZ3	3.92	0.00	
5.	PSD Network Options (X.25) for each D or B Channel Assigned				
	Additional End Point/Telephone Number (7)	LTF4T	0.45	0.50	
	Closed User Group	GXM	4.50	0.00	
	Hunt Group for PSD	ML2PG	2.52	0.50	
	Incoming Calls Barred	GLJ	0.45	0.50	
	Local Charge Prevention	RBP	0.45	0.00	
	Outgoing Calls Barred	GLI	0.45	0.50	
	Permanent Virtual Circuit	GXP	1.80	0.00	
6.	Changes/Moves			Nonrecurring <u>Charge</u>	
	Change a Feature Package, per channel(8)	REA1G		\$ 14.50	
	Change a Network Option (other than a Feature Package), per channel (9)	REA1H		10.50	
	Add, Change or Rearrange a Network Rate Element, each Basic Rate Interface(10)	REAIK		14.50	
	Move Charge CANCELLED	NR91M		300.00	
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