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**RECD OCT 19 2000** 

## TITLE SHEET

Local Exchange Telecommunications Services

# Arbros Communications Licensing Company Central, LLC

This Tariff applies to the Local Exchange Telecommunications Services furnished by Arbros Communications Licensing Company Central, LLC between one or more points in the State of Missouri. This Tariff is on file with the Missouri Public Service Commission and copies may be inspected during normal business hours at Arbros Communications Licensing Company Central, LLC's principal place of business.

Arbros Communications Licensing Company Central, LLC operates as a competitive telecommunications company within the state of Missouri.

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Issued: October 19, 2000

Issued by:
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1100 Wayne Avenue, 8<sup>th</sup> Floor
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### LIST OF WAIVERS

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Arbros Communications Licensing Company Central, LLC is a competitive carrier in the state of Missouri, and as such, has been granted waivers from the following statutes and regulatory rules:

## <u>Statues</u>

Section 392.210.2	-		depreciation fund income
Section 392.240(1)	_	_	ratemaking
Section 392.270	-		valuation of property
Section 392.280	-		depreciation accounts
Section 392.290	-		issuance of securities
Section 392.300.2	-		acquisition of stock
Section 392.310	-		stock and debt issuance
Section 392.320	-		stock dividend payment
Section 392.330	-		issuance of securities, debts and notes
Section 392.340	-		reorganization(s)

# Commission Rules

4 CSR 240-10.020	-	depreciation fund income
4 CSR 240-30.010(2)(C)	-	rate schedules
4 CSR 240-30.040	-	uniform system of account
4 CSR 240-33.030	-	minimum charges rule
4 CSR 240-33.35	-	bypass

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# SYMBOLS USED IN THIS TARIFF

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C	To signify changed regulation
D	To signify discontinued material
I	To signify rate or charge increase
M	To signify material relocated without change in text or rate
N	To signify new material
R	To signify reduction
S	To signify reissued material
T	To signify a change in text, but no change in rate or regulation

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### TARIFF FORMAT

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- A. <u>Page Numbering</u> Page numbers appear in the upper right corner of the page. Pages are numbered sequentially. However, new pages are occasionally added to the Tariff. When a new page is added between pages already in effect, a decimal is added. For example, a new page added between pages 14 and 15 would be 14.1.
- B. Page Revision Numbers Revision numbers also appear in the upper right corner of each page. These numbers are used to determine the most current page version on file with the Commission. For example, the 4th revised Page 14 cancels the 3rd revised Page 14. Because of various suspension periods, deferrals, etc. the Commission follows in their tariff approval process, the most current page number on file with the Commission is not always the Tariff page in effect.
- C. <u>Paragraph Numbering Sequence</u> There are various levels of alphanumeric coding. Each level of coding is subservient to its next higher level. The following is an example of the numbering sequence suggested for use in tariffs.

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**SECTION 1 - DEFINITIONS** 

**RECD OCT 19 2000** 

Access Line: An arrangement from a local exchange telephone company or other common carrier, using either dedicated or switched access, which connects a Customer's location to Carrier's location or switching center.

<u>Asymmetrical</u>: High Speed Digital Connection Services in which the data rates to and from the End-User's Premises may differ.

<u>Authorization Code</u>: A numerical code, one or more of which may be assigned to a Customer, to enable Carrier to identify the origin of service of the Customer so it may rate and bill the call. All authorization codes shall be the sole property of Carrier and no Customer shall have any property or other right or interest in the use of any particular authorization code. Automatic numbering identification (ANI) may be used as or in connection with the authorization code.

<u>Authorized User</u>: A person, firm or corporation authorized by the Customer to be an end-user of the service of the Customer.

<u>Automatic Numbering Identification (ANI)</u>: A type of signaling provided by a local exchange telephone company which automatically identifies the local exchange line from which a call originates.

<u>Bit</u>: The smallest unit of information in the binary system of notation.

<u>Carrier</u>: Arbros Communications Licensing Company Central, LLC. ("Arbros") the issuer of this tariff.

<u>Common Carrier</u>: An authorized company or entity providing telecommunications services to the public.

<u>Company</u>: Arbros Communications Licensing Company Central, LLC. ("Arbros") the issuer of this tariff.

<u>Customer</u>: The person, firm or corporation that orders service and is responsible for the payment of charges and compliance with the terms and conditions of this tariff.

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### **SECTION 1- DEFINITIONS (Cont'd)**

**RECD OCT 19 2000** 

<u>Customer Premises</u>: A location designated by the Customer for the purposes of connecting to the Company's services.

<u>Customer Terminal Equipment</u>: Terminal equipment provided by the Customer.

<u>Commission</u>: The Missouri Public Service Commission, the regulating entity within the State of Missouri.

<u>End Office</u>: The LEC switching system office or serving wire center where Customer station loops are terminated for purposes of interconnection to each other and/or to trunks.

End-User Premises: A location designated by the Customer for the purposes of connecting to the Company's services.

<u>GB</u>: Gigabytes, denotes billions of bytes.

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<u>GBps</u>: Gigabytes per second, denotes billions of bytes per second.

Public Service Commission

High Speed Digital Connection Service: Any data service offered by the Company herein or any combination of such services.

<u>Holiday</u>: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day.

<u>Individual Case Basis</u>: A service arrangement in which the regulations, rates and charges are developed based on the specific circumstances of the customer and at the Company's sole discretion.

Interruption: The inability to complete calls due to equipment malfunctions or human errors. Interruption shall not include, and no allowance shall be given for service difficulties such as slow dial tone, circuits busy or other network and/or switching capacity shortages. Nor shall Interruption include the failure of any service or facilities provided by a common carrier or other entity other than the Carrier. Any Interruption allowance provided within this Tariff by Carrier shall not apply where service is interrupted by the negligence or willful act of the Customer, or where the Carrier, pursuant to the terms of this Tariff, terminates service because of non-payment of bills, unlawful or improper use of the Carrier's facilities or service, or any other reason covered by this company that is a service law.

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## Arbros Communications Licensing Company Central, LLC

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### **SECTION 1- DEFINITIONS (Cont'd)**

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Kbps: Kilobits per second, denotes thousands of bits per second.

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<u>LATA</u>: A Local Access and Transport Area established pursuant to the Modification of Final Judgment entered by the United States District Court for the District of Columbia in Civil Action No. 82-0192; or any other geographic area designated as a LATA in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

<u>LEC</u>: Local Exchange Company refers to the dominant, monopoly local telephone company in the area also served by the Company.

Measured Charge: A charge assessed on a per minute basis in calculating a portion of the charges due for a completed interexchange call.

<u>Month-to-Month</u>: Services ordered by the Customer and provided by the Company with no agreed fixed term of months.

Mbps: Megabits per second, denotes millions of bits per second.

Message Toll Service: A service that provides facilities for telecommunications between different local calling areas of the same LATA in accordance with the regulations and schedule of rates specified in this tariff. The rates specified in this tariff are in payment for all services furnished between the calling and called stations.

MOU: Minutes of Use

Node: Any Company or Customer location that is capable of performing Multiplexing.

 $\underline{OC-n}$ : Optical Carrier-n. A SONET optical signal transmitted at rates of n x 51.840 Mbps. 0C-3 = 155.52 Mbps, OC-12 = 622 Mbps.

<u>PoP or POP</u>: Point of presence. This is a physical place within a LATA where a long distance company interfaces with the network of the local exchange carrier.

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# SECTION 1- DEFINTIONS (Cont'd)

Missouri Public Service Commission

Port: An equipment system or subsystem set aside for the sole use of a specific extended 1 9 2000

Recurring Charges: Monthly charges to the Customer for services, and equipment, which continues for the agreed upon duration of the service.

Service: Any means of service offered herein or any combination thereof.

Service Order Form: The written request for Company services executed by the Customer and the Company in the format devised by the Company. The signing of a Service Order Form by the Customer and acceptance by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff.

Station: The network control signaling unit and any other equipment provided at the Customer's premises which enables the Customer to establish communications connections and to effect communications through such connections.

Synchronous Optical Network (SONET): A set of international standards for fiber based transmission systems. SONET defines standard optical carrier transmission rates and utilizes a modular multiplexing signal approach based on the application of Synchronous Transport Signals.

<u>Telecommunications</u>: The transmission of voice communications or, subject to the transmission capabilities of the service, the transmission of data, facsimile, signaling, metering, or other similar communications.

Term Agreement: An agreement between the Company and the Customer for a fixed term of months.

<u>Terminal Equipment</u>: Any telecommunications equipment other than the transmission or receiving equipment installed at a Company location.

Transmission Speed: Transmission speed or rate, in bits per second (bps), as agreed to by Company and Customer for each circuit.

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## **SECTION 2 - RULES AND REGULATIONS**

# **RECD OCT 19 2000**

# 2.1. Application of Tariff

- 2.1.1. This tariff sets forth intrastate rates and rules applicable to the provision by Arbros Communications Licensing Company Central, LLC ("Arbros" or "Company") as a competitive telecommunications provider of facilities-based, intrastate, interexchange voice and high speed data transmission services and resold voice and data services within the State of Missouri for both residential and non-residential customers. Arbros services are furnished subject to the availability of facilities and subject to the terms and conditions of this Tariff.
- 2.1.2. The rates, rules, terms, and conditions contained herein are subject to change pursuant to the rules and regulations of the Commission.
- 2.1.3. Some of Arbros' data services are provided through the company's own facilities, as well as those leased from the incumbent local exchange carrier. Arbros' voice services will involve the resale of the Message Toll Services (MTS) of underlying common carriers.
- 2.1.4. The rates and regulations contained in this Tariff apply only to the services furnished by Arbros and do not apply, unless otherwise specified, to the lines, facilities, or services provided by a local exchange telephone company or other common carrier for use in accessing the services of Carrier.
- 2.1.5. The Customer is entitled to limit the use of Carrier's services by end users at the Customer's facilities, and may use other common carriers in addition to or in lieu of Carrier.

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# SECTION 2- RULES AND REGULATIONS (Cont'd) Service Seminission

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#### 2.2. **Application for Services**

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- 2.2.1. A Customer desiring to obtain Service must complete a Service Order Form provided by Company.
- 2.2.2. Cancellation of Application for Service: Where installation of service has been started prior to the cancellation, a cancellation charge equal to the costs incurred by the Company may apply.
- 2.2.3. Cancellation of Service: The Customer may have service discontinued upon written notice or by telephone notice to the Company. The Company shall hold the Customer responsible for payment of all bills for service furnished until the cancellation date specified by the Customer or until the date that the cancellation notice is received, whichever is later.

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Missouri Public Sorvice Commission

# SECTION 2 - RULES AND REGULATIONS (Cont'd)

**RECD OCT 19 2000** 

# 2.3 Undertaking of the Company

# 2.3.1 Scope

The Company undertakes to furnish communications service pursuant to the terms of this tariff in connection with one-way and/or two-way information transmission between points within the State of Missouri.

Customers and users may use services and facilities provided under this tariff to obtain access to services offered by other service providers. The Company is responsible under this tariff only for the services and facilities provided hereunder, and it assumes no responsibility for any service provided by any other entity that purchases access to the Company network in order to originate or terminate its own services, or to communicate with its own customers.

# 2.3.2 Shortage of Equipment or Facilities

- A. The Company reserves the right to limit or to allocate the use of existing facilities, or of additional facilities offered by the Company, when necessary because of lack of facilities, or due to some other cause beyond the Company's control.
- B. The furnishing of service under this tariff is subject to the availability on a continuing basis of all the necessary facilities and is limited to the capacity of the Company's facilities as well as facilities the Company may obtain from other carriers to furnish service from time to time as required at the sole discretion of the Company.

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# SECTION 2 - RULES AND REGULATIONS (Cont'd) issouri Public Service Commission

# 2.3 <u>Undertaking of the Company</u> (Cont'd)

**RECD OCT 19 2000** 

### 2.3.3 Terms and Conditions

- A. Service is provided on the basis of a minimum period of at least one month, 24-hours per day. For the purpose of computing charges in this tariff, a month is considered to have 30 days.
- B. Customers may be required to enter into written service orders which shall contain or reference a specific description of the service ordered, the rates to be charged, the duration of the services, and the terms and conditions in this tariff. Customer will also be required to execute any other documents as may be reasonably requested by the Company.
- C. At the expiration of the initial term specified in each Service Order, or in any extension thereof, service shall continue on a month to month basis at the then current rates unless terminated by either party upon 30 days written or telephone notice. Any termination shall not relieve Customer of its obligation to pay any charges incurred under the service order and this tariff prior to termination. The rights and obligations which by their nature extend beyond the termination of the term of the service order shall survive such termination.
- D. In any action between the parties to enforce any provision to this tariff, the prevailing party shall be entitled to recover its legal fees and court costs from the non-prevailing party in addition to other relief a court may award.
- E. Service may be terminated pursuant to the Section 2.8 of this tariff if:
  - 1. the Customer is using the service in violation of this tariff; or
  - 2. the Customer is using the service in violation of the law.
- F. This tariff shall be interpreted and governed by the Missouri regard for its choice of laws provision:

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# SECTION 2 - RULES AND REGULATIONS (Control Public Commission

2.3 Undertaking of the Company (Cont'd)

**RECD OCT 19 2000** 

- 2.3.4 Liability of the Company
  - A. The liability of the Company for damages arising out of the furnishing of its Services, including but not limited to mistakes, omissions, interruptions, delays, or errors, or other defects, representations, or use of these services or arising out of the failure to furnish the service, whether caused by acts or omission, shall be limited to the extension of allowances for interruption as set forth in 2.6. The extension of such allowances for interruption shall be the sole remedy of the Customer and the sole liability of the Company. The Company will not be liable for any direct, incidental, special, consequential, exemplary or punitive damages to Customer as a result of any Company service, equipment or facilities, the acts or omissions of negligence. This provision does not limit the Company's liability for gross negligence, recklessness or intentional acts or omissions of its employee or agents.
  - B. The Company shall not be liable for any act or omission of any entity furnishing to the Company or to the Company's Customers facilities or equipment used for or with the services the Company offers except where contracted by the Company.

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# SECTION 2 - RULES AND REGULATIONS (Cont'de Germination

# 2.3 <u>Undertaking of the Company</u> (Cont'd)

**RECD OCT 19 2000** 

- 2.3.4 Liability of the Company (Cont'd)
  - C. The Company shall not be liable for any delay or failure of performance or equipment due to causes beyond its control, including but not limited to: acts of God, fire, flood, explosion or other catastrophes; any law, order, regulation, direction, action, or request of the United States Government, or of any other government, including state and local governments having or claiming jurisdiction over the Company, or of any department, agency, commission, bureau, corporation, or other instrumentality of any one or more of these federal, state, or local governments, or of any civil or military authority; national emergencies; insurrections; riots; wars; unavailability of rights-of-way or materials; or strikes, lock-outs, work stoppages, or other labor difficulties.
  - D. The Company shall not be liable for any damages or losses due to the fault or negligence of the Customer or due to the failure or malfunction of Customer-provided equipment or facilities.
  - E. The Company does not guarantee nor make any warranty with respect to installations it provides for use in an explosive atmosphere. The Customer indemnifies and holds the Company harmless from any and all loss, claims, demands, suits, or other action, or any liability whatsoever, whether suffered, made, instituted, or asserted by any other party or person(s), and for any loss, damage, or destruction of any property, whether owned by the Customer or others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal presence, condition, location, or use of any installation so provided. The Company reserves the right to require each Customer to sign an agreement acknowledging acceptance of the provisions of this section as a condition precedent to such installations.
  - F. The Company shall not be liable for any claim, loss or damage unising from Customer's use of services, involving claims for the invasion of privacy, or infringement of copyright arising from the Customer's own communications.

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# Missouri Public SECTION 2 - RULES AND REGULATIONS (Cont'd) Service Cemmission

# 2.3 <u>Undertaking of the Company</u> (Cont'd)

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2.3.4 Liability of the Company (Cont'd)

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The Company is not liable for any defacement of or damage to Customer premises resulting from the furnishing of services or equipment on such premises or the installation or removal thereof, unless such defacement or damage is caused by negligence or willful misconduct of the Company's agents or employees.

The entire liability for any claim, loss, damage or expense from any cause whatsoever shall in no event exceed sums actually paid Company by Customer for the specific services giving rise to the claim. No action or proceeding against the Company shall be commenced more than one year after the service is rendered.

I. The Company makes no warranties or representations, express or implied either in fact or by operation of law, statutory or otherwise, including warranties of merchantability or fitness for a particular use, except those expressly set forth herein.

# 2.3.5 Notification of Service-Affecting Activities

The Company will provide the Customer reasonable notification of service-affecting activities that may occur in normal operation of its business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements and routine preventative maintenance. Generally, such activities are not specific to an individual Customer but affect many Customers' services. No specific advance notification period is applicable to all service activities. The Company will work cooperatively with the Customer to determine the reasonable notification requirements. With some emergency or unplanned service-affecting conditions, such as an outage resulting from equipment damage, notification to the Customer may not be possible.

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# SECTION 2 - RULES AND REGULATIONS (Cont'd) Missouri Public Service Commission

# 2.3 <u>Undertaking of the Company</u> (Cont'd)

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# 2.3.6 Provision of Equipment and Facilities

- A. The Company shall use reasonable efforts to make available services to a Customer on or before a particular date, subject to the provisions of and compliance by the Customer with, the regulations contained in this tariff. The Company does not guarantee availability by any such date and shall not be liable for any delays in commencing service to any Customer except as provided by contract.
- B. The Company shall use reasonable efforts to maintain only the facilities and equipment that it furnishes to the Customer. The Customer may not, nor may Customer permit others to, rearrange, disconnect, remove, attempt to repair, or otherwise interfere with any of the facilities or equipment installed by the Company, except upon the written consent of the Company.
- C. The Company may substitute, change or rearrange any equipment or facility at any time and from time to time, but shall not thereby alter the technical parameters of the service provided the Customer.
- D. Equipment the Company provides or installs at the Customer Premises for use in connection with the services the Company offers shall not be used for any purpose other than that for which the Company provided it.
- E. The Customer shall be responsible for the payment of service charges as set forth herein for visits by the Company's agents or employees to the Premises of the Customer when the service difficulty or trouble report results from the use of equipment or facilities provided by any party other than the Company, including but not limited to the Customer.

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# Missouri Public SECTION 2 - RULES AND REGULATIONS (Cont'd) or Germination

# 2.3 <u>Undertaking of the Company</u> (Cont'd)

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- 2.3.6 Provision of Equipment and Facilities (Cont'd)
  - F. The Company shall not be responsible for the installation, operation, or maintenance of any Customer provided communications equipment.

    Where such equipment is connected to the facilities furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of facilities offered under this tariff and to the maintenance and operation of such facilities. Subject to this responsibility, the Company shall not be responsible for:
    - 1. the transmission of signals by Customer provided equipment or for the quality of, or defects in, such transmission; or
    - 2. the reception of signals by Customer-provided equipment.

### 2.3.7 Non-routine Installation

At the Customer's request, installation and/or maintenance may be performed outside the Company's regular business hours or in hazardous locations. In such cases, charges based on cost of the actual labor, material, or other costs incurred by or charged to the Company will apply. If installation is started during regular business hours but, at the Customer's request, extends beyond regular business hours into time periods including, but not limited to, weekends, holidays, and/or night hours, additional charges may apply.

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# Missouri Public SECTION 2 - RULES AND REGULATIONS (Cont'Sprise Commission

#### Undertaking of the Company (Cont'd) 2.3

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#### 2.3.8 Special Construction

Subject to the agreement of the Company and to all of the regulations contained in this tariff, special construction of facilities may be undertaken on a reasonable efforts basis at the request of the Customer. Special construction is that construction undertaken:

- A. where facilities are not presently available, and there is no other requirement for the facilities so constructed;
- of a type other than that which the Company would normally utilize in the В. furnishing of its services;
- C. over a route other than that which the Company would normally utilize in the furnishing of its services;
- D. in a quantity greater than that which the Company would normally construct;
- E. on an expedited basis;
- F. on a temporary basis until permanent facilities are available;
- G. involving abnormal costs; or

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in advance of its normal construction. H.

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#### 2.3.9 Ownership of Facilities

Title to all facilities provided in accordance with this tariff remains in the Company, its agents or contractors.

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### SECTION 2 - RULES AND REGULATIONS (Cont'd)

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Obligations of the Customer 2.4.

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The Customer shall be responsible for:

.iiin 2 1 2003 2.4.1. The payment of all applicable charges as set forth in this tariff. D-03-512

2.4.2. Damage or loss of the Company's services or equipment caused by the acts or omissions of the Customer or Authorized User, or the non-compliance by the Customer or Authorized User with these regulations, or by fire or theft or other casualty on the premises of the Customer or Authorized User, unless caused by the

negligence or willful misconduct of the employees or agents of the Company;

- 2.4.3. Providing as specified from time to time by the Company any needed personnel, equipment, space and power to operate Company services and equipment installed on the premises of the Customer or Authorized User and the level of power, heating and air conditioning necessary to maintain the proper environment on such premises;
- 2.4.4. Obtaining, maintaining, and otherwise having full responsibility for rights-of-way and conduit necessary for installation of equipment to provide service to the Customer or Authorized User from the cable building entrance or the property line of the land on which the structure in which the Customer's Premise or End-User's Premise is located to the applicable Premise. Any and all costs associated with the obtaining and maintaining of the rights-of-way described herein, including the costs of altering the structure to permit installation of the Company-provided service or equipment, shall be borne entirely by, or may be charged by the Company to, the Customer. The Company may require the Customer to demonstrate its compliance with this section prior to accepting an order for service.
- 2.4.5. Providing a safe place to work and complying with all laws and regulations regarding the working conditions on the premises at which Company employees and agents shall be installing or maintaining the Company's services and equipment. The Customer may be required to install and maintain Company services and equipment within a hazardous area if, in the Company's opinion, injury to Company employees or property might result from installation or maintenance by the company issien

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# Missouri Public SECTION 2 - RULES AND REGULATIONS (Control) © Commission

# 2.4. Obligations of the Customer (Cont'd)

**RECD OCT 19 2000** 

- 2.4.6. Complying with all laws and regulations applicable to, and obtaining all consents, approvals, licenses and permits as may be required with respect to, the location of Company services and equipment in any Customer or End-User Premise or the rights-of-way for which the Customer or Authorized User is responsible, and obtaining permission for Company agents or employees to enter the Customer or End-User Premise at any reasonable hour for the purpose of installing, inspecting, repairing, or, upon termination of service as stated herein, removing the services and equipment of the Company;
- 2.4.7. Making Company services and equipment located on the Customer's or End-user's premises available periodically for maintenance purposes at a time agreeable to both the Company and the Customer. No allowance will be made for the period during which service is interrupted for such purposes;
- 2.4.8. Keeping the Company's services and equipment located on the Customer's or End-User's Premise or rights-of way obtained by the Customer free and clear of any liens or encumbrances relating to the Customer's use of the Company's services or to the locations of such services and equipment.
- 2.4.9. Customer-provided equipment on the Customer or End-User Premises, the operating personnel there, and the electric power consumed by such equipment, shall be provided by and maintained at the expense of the Customer or Authorized User.

  Conformance of Customer-provided equipment with part 68 of the FCC Rules is the responsibility of the Customer.
  - The Customer or Authorized User is responsible for ensuring that Customer-provided equipment connected to Company services and equipment is compatible with such services and equipment. The magnitude and character of the voltages and currents impressed on Company provided equipment and wiring by the connection, operation, or maintenance of such equipment and wiring shall be such as not to cause damage to the Company-provided equipment and wiring or injury to the Company's employees or other persons.

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# SECTION 2 - RULES AND REGULATIONS (Cont's) issouri Public Service Commission

# 2.5. Deposits

REC'D OCT 19 2000

2.5.1. General

To safeguard its interests, the Company may require a deposit from Customers to protect against uncollectible accounts pursuant to regulation in CSR 240-33.050. A deposit does not relieve the Customer of the responsibility to make timely payments on the account with the Company. A deposit may be required in addition to an advance payment.

- 2.5.2 Deposits shall be subject to the following terms:
  - A. The maximum amount of any deposit shall not exceed the equivalent of the customers estimated liability for two months.
  - B. The Company will pay interest on deposits to accrue from the date the deposit is made until it has been refunded, or until a reasonable effort has been made to effect refund. Deposits held will accrue interest at a rate specified by the Missouri Public Service Commission. This interest rate is equal to one percent (1%) above the prime lending rate as published in the Wall Street Journal for the last business day of September, adjusted annually on December 1st of each year
  - C. At the option of the Customer making a security deposit, the Company shall annually make either direct payment to the Customer of all accrued interest, or shall credit same to the Customer's account.
  - D. If a deposit has been paid by a Customer and the Customer has established a record of timely payments for 12 consecutive months, the utility shall return the deposit including interest to the Customer.

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# SECTION 2 - RULES AND REGULATIONS (Cont'd)//issouri Public Service Gemmicsien

2.5. Deposits

REC'D OCT 19 2000

2.5.2 (Cont'd)

- E. When the Company requires a deposit from a Customer, the Customer may pay the deposit in three consecutive equal monthly payments whenever the total amount of the required deposit exceeds forty dollars (\$40). Provided, however, that the Company will have the discretion to allow payment of any deposit (more or less than \$40) over a longer period of time to avoid undue hardship.
- F. When a service or facility is discontinued, the amount of a deposit, if any, will be applied to the Customer's account and any credit balance remaining will be refunded. Before the service or facility is discontinued, the Company will refund the deposit or credit it to the Customer's account within 21 days after discontinuance of service.

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## SECTION 2 - RULES AND REGULATIONS (Cont'd)

"<sup>/</sup> Missouri Public Servico Commission

2.6. Billing and Payment

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- 2.6.1. Non-recurring charges are due and payable from the Customer within 30 days after the invoice date.
- 2.6.2. The Company shall present invoices for Recurring Charges monthly to the Customer, in advance of the month in which service is provided, and Recurring Charges shall be due and payable within 30 days after the invoice date. Usage charges will be billed after the month in which the charges are incurred. Charges will be due and payable within 30 days after the invoice date.
- 2.6.3. The Company shall issue invoices that itemize charges and designate the period covered by the billing.
- 2.6.4. When service does not begin on the first day of the month, or end on the last day of the month, the charge for the fraction of the month in which service was furnished will be calculated on a prorated basis. For this purpose, every month is considered to have 30 days.
- 2.6.5. Billing of the Customer by the Company will begin on the Service Commencement Date, which is the first day following the date on which the Company notifies the Customer that the service or facility is available for use, except that the Service Commencement Date may be postponed by mutual agreement of the parties, or if the service or facility does not conform to standards set forth in this tariff or the Service Order. Billing accrues through and includes the day that the service, circuit, arrangement or component is discontinued.
- 2.6.6. If any portion of the payment is not received by Company, or if any portion of the payment is received by the Company in funds that are not immediately available, within 21 days of the mail date on the bill, then a late payment penalty will be due to the Company. The late penalty will be that portion of the payment not received by the date due minus any charges hilled as local taxes multiplied by 1.5 % per month. Missouri Public Service Commission

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# SECTION 2 - RULES AND REGULATIONS (Cont'd) Missouri Public Service Commission

# 2.6. Billing and Collection of Charges (Cont'd)

**REC'D OCT 19 2000** 

## 2.6.7. Returned Check Charge

The Customer will be assessed a returned check charge of \$25.00 for each check submitted by the Company that a financial institution refuses to honor.

### 2.6.8. Taxes

The Customer is responsible for the payment of Federal excise taxes, state and local sales and use taxes and similar taxes imposed by governmental jurisdictions, all of which shall be separately designated on the Company's invoices. All charges and fees subject to the Missouri PSC jurisdiction, except taxes and franchise fees, will be submitted to the Missouri PSC for prior approval.

# 2.7. <u>Disputed Bills</u>

The Customer shall notify the Company of any disputed items on an invoice within 30 days of receipt of the invoice. Upon notification, the Company will promptly and thoroughly investigate the inquiry. The Company will inform the Customer of his right to make an informal complaint with the Missouri Public Service Commission at:

Street address:

Missouri Public Service Commission
Governor Office Building
200 Madison Street
PO Box 360
JUN 2 1 2003

Telephone number: (800) 392-4211

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### SECTION 2 - RULES AND REGULATIONS (Cont'd)

Missouri Public Sorvice Commission

2.8. Discontinuance and Restoration of Service

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- 2.8.1. Discontinuance of Service Requiring Notice
  - A. The Company may refuse or terminate service to an end-user pursuant to the disconnect procedure set forth in Section 2.8.3 below for the following reasons:
    - 1. Upon nonpayment of a bill for regulated telecommunications services or failure to make a security deposit to the Company, the Company may, by giving ten (10) days' prior written notice to the Customer, followed by an attempt to reach the Customer by phone at least 24 hours before termination of service, discontinue or suspend service without incurring any liability. Written notice shall be mailed by the company to the end-user's billing address.
    - 2. Upon violation of or noncompliance with any provision of law, or of the tariffs or terms and conditions of service filed with and approved by the Commission.
    - 3. Upon refusal of the Customer to permit the Company reasonable access to its facilities or equipment for recovery, maintenance, and inspection thereof.
    - 4. Unauthorized use of the Company's equipment in a manner which creates unsafe or hazardous conditions or creates the possibility of damage or destruction to the equipment.

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# SECTION 2 - RULES AND REGULATIONS (Cont'd) Missouri Public

# 2.8. Discontinuance and Restoration of Service (Cont'd)

**RECD OCT 19 2000** 

## 2.8.2. Disconnection procedures

A. The Company will give at least ten (10) days from the date of mailing written notice to the Customer at his chosen billing address. The Company will also attempt to reach the Customer by phone at least 24 hours before termination of service.

### 2.8.3 Restoration of Service

If service has been discontinued for nonpayment or as otherwise provided herein and the Customer wishes it continued, service shall, at the Company's discretion, be restored when all past due amounts are paid or the event giving rise to the discontinuance (if other than nonpayment) is corrected and Customer pays a deposit at the Company's discretion.

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# SECTION 2 - RULES AND REGULATIONS (Cont'd) Service Commission

# 2.9. Allowances for Interruptions in Service

**REC'D OCT 19 2000** 

Interruptions in service, which are not due to the negligence of, or noncompliance with the provisions of this tariff by, the Customer or the operation or malfunction of the facilities, power or equipment provided by the Customer, will be credited to the Customer for the part of the service that the interruption affects.

# 2.9.1. Credit for Interruptions

- A. A credit allowance will be made when an interruption occurs because of a failure of any component furnished by the Company under this tariff. An interruption period begins when the Customer reports a service, facility or circuit to be interrupted and releases it for testing and repair. An interruption period ends when the service, facility or circuit is operative. If the Customer reports a service, facility or circuit to be inoperative but declines to release it for testing and repair, it is considered to be impaired, but not interrupted.
- B. For calculating credit allowances, every month is considered to have 30 days. A credit allowance for fixed recurring fees only is applied on a pro rate basis against the rates specified hereunder and is dependent upon the length of the interruption. Only those facilities on the interrupted portion of the circuit will receive a credit.

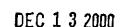
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# SECTION 2 - RULES AND REGULATIONS (Cont'd) Missouri Public

# 2.9. Allowances for Interruptions in Service (Cont'd)

**RECD OCT 19 2000** 

# 2.9.1. Credit for Interruptions (Cont'd)

C. A credit allowance will be given for interruptions of 30 minutes or more. Credit allowances shall be calculated as follows:

# Interruptions of 24 Hours or Less

Length of Interruption	Interruption Period To Be Credited
Less than 30 minutes	None
30 minutes up to but not including 3 hours	1/10 Day
3 hours up to but not including 6 hours	1/5 Day
6 hours up to but not including 9 hours	2/5 Day
9 hours up to but not including 12 hours	3/5 Day
12 hours up to but not including 15 hours	4/5 Day
15 hours up to but not including 24 hours	One Day

Two or more interruptions of 15 minutes or more during any one 24-hour period shall be considered as one cumulative interruption.

<u>Interruptions Over 24 Hours and Less Than 72 Hours</u>. Interruptions over 24 hours and less than 72 hours will be credited 1/5 day for each 3-hour period or fraction thereof. No more than one full day's credit will be allowed for any period of 24 hours.

Interruptions Over 72 Hours. Interruptions over 72 hours will be credited 2 days for each full 24-hour period. No more than 30 days credit will be blic allowed for any one month period.

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# SECTION 2 - RULES AND REGULATIONS (Cont'd)) Missouri Public Service Gemmission

# 2.9. Allowances for Interruptions in Service (Cont'd)

**REC'D OCT 19 2000** 

2.9.2. Limitations on Allowances

No credit allowance will be made for interruptions:

- A. due to the negligence of, or noncompliance with the provisions of this tariff by, the Customer, authorized user, joint user, or other common carrier providing service connected to the service of the Company;
- B. due to the negligence of any person other than the Company, including but not limited to the Customer or other common carriers connected to the Company's facilities, except when contracted by the Company;
- C. due to the failure or malfunction of non-Company equipment, except when contracted by the Company;
- D. of service during any period in which the Company is not given full and free access to its facilities and equipment for the purpose of investigating and correcting interruptions;
- E. of service during a period in which the Customer continues to use the service on an impaired basis;
- F. of service during any period when the Customer has released service to the Company for maintenance purposes or for implementation of a Customer order for a change in service arrangements; and
- G. of service due to circumstances or causes beyond the reasonable control of Company.

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# SECTION 2 - RULES AND REGULATIONS (Cont'd)

Missouri Public Service Commission

### 2.10. Use of Customer's Service by Others

**RECD OCT 19 2000** 

2.10.1. Resale and Sharing

Any service provided under this tariff may be resold to or shared with other persons at the option of Customer, subject to compliance with any applicable laws or Missouri Public Service Commission regulations governing such resale or sharing. Customer remains solely responsible for all use of services ordered by it or billed to its telephone number(s) pursuant to this tariff, for determining who is authorized to use its services, and for notifying the Company of any unauthorized use.

## 2.10.2 Joint Use Arrangements

Joint use arrangements will be permitted for all services provided under this tariff. From each joint use arrangement, one member will be designated as the Customer responsible for the manner in which the joint use of the service will be allocated. The Company will accept orders to start, rearrange, relocate, or discontinue service only from the Customer. Without affecting the Customer's ultimate responsibility for payment of all charges for the service, each joint user shall be responsible for the payment of the charges billed to it.

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# Missouri Public SECTION 2 - RULES AND REGULATIONS (Cont'd) Service Gemmission

# 2.11. Cancellation of Service

REC'D OCT 19 2000

If a Customer cancels a Service Order or terminates services before the completion of the term for any reason whatsoever other than a service interruption, the Customer agrees to pay to Company the following sums which shall become due and owing as of the effective date of the cancellation or termination and be payable within the period set forth in 2.6.2: all costs, fees and expenses reasonably incurred in connection with:

- 2.11.1. all Non-Recurring charges reasonably expended by Company to establish service to Customer, plus
- 2.11.2. any disconnection, early cancellation or termination charges reasonably incurred and paid to third parties by Company on behalf of Customer, plus
- 2.11.3. all Recurring Charges specified in the applicable Service Order Tariff for the balance of the then current term.

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# SECTION 2 - RULES AND REGULATIONS (Cont'd)

Missouri Public Servico Commission

2.12. Prohibited Uses

REC'D OCT 19 2000

- 2.12.1. The services the Company offers shall not be used for any unlawful purpose or for any use as to which the Customer has not obtained all governmental approvals, authorizations, licenses, consents and permits required to be obtained by the Customer with respect thereto.
- 2.12.2. The Company may, without obtaining any further consent from the Customer, assign any rights, privileges, or obligations under this tariff. The Customer or Authorized User may not assign or transfer in any manner the service or any rights associated with the service without the written consent of the Company.
- 2.12.3. A Customer or Authorized User shall not represent in its advertising, marketing or collateral sales efforts that its services are provided by the Company, or otherwise indicate to its Customers that its provision of services is a joint effort with the Company, without the consent of the Company. The relationship between the Company and Customer shall not be that of partners or agents for one or the other, and shall not be deemed to constitute a partnership or agency agreement.

## 2.13. Transfer and Assignments

2.13.1.Neither the Company nor the Customer may assign or transfer its rights or duties in connection with the services and facilities provided by the Company without the written consent of the other party, except that the Company may assign its rights and duties (a) to any subsidiary, parent company or affiliate of the Company, (b) pursuant to any sale or transfer of substantially all the assets of the Company; or (c) pursuant to any financing, merger or reorganization of the Company.

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SECTION 2 - RULES AND REGULATIONS (Cont'd) Sorvice Germinelien

# Missouri Public

## 2.14. Notices and Communications

**REC'D OCT 19 2000** 

- 2.14.1. The Customer shall designate on the Service Order an address to which the Company shall mail or deliver all notices and other communications, except that Customer may also designate a separate address to which the Company's bills for service shall be mailed.
- 2.14.2. The Company shall designate on the Service Order an address to which the Customer shall mail or deliver all notices and other communications, except that Company may designate a separate address on each bill for service to which the Customer shall mail payment on that bill.
- 2.14.3. All notices or other communications required to be given pursuant to this tariff will be in writing or by telephone. Notices and other communications of either party, and all bills mailed by the Company, shall be presumed to have been delivered to the other party on the third business day following placement of the notice, communication or bill with the U.S. Mail or a private delivery service, prepaid and properly addressed, or when actually received or refused by the addressee, whichever occurs first.
- 2.14.4. The Company or the Customer shall advise the other party of any changes to the addresses designated for notices, other communications or billing, by following the procedures for giving notice set forth herein.

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### **SECTION 3 - APPLICATION OF RATES**

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3.1 Introduction

The regulations set forth in this section govern the application of rates for services contained in other sections of this tariff.

3.2 Charges Based on Duration of Use

Where charges for a service are specified based on the duration of use, such as the duration of a telephone call, the following rules apply:

- 3.2.1 Calls are measured in durational increments identified for each service. All calls which are fractions of a measurement increment are rounded-up to the next whole unit.
- 3.2.2 Timing on completed calls begins when the call is answered by the called party. Answering is determined by hardware answer supervision in all cases where this signaling is provided by the terminating local carrier and any intermediate carrier(s). Timing for operator service person-to-person calls start with completion of the connection to the person called or an acceptable substitute, or to the PBX station called.
- 3.2.3 Timing terminates on all calls when the calling party hangs up or the Company's network receives an on-hook signal from the terminating carrier.
- 3.2.4 Calls originating in one time period and terminating in another will be billed in proportion to the rates in effect during different segments of the call.

3.2.5 All times refer to local time.

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# Missouri Public SECTION 3 - APPLICATION OF RATES (Cont'd) Sorvine Commission

3.3 Rates Based Upon Distance REC'D OCT 19 2000

Where charges for a service are specified based upon distance, the following rules:

Distance between two points is measured as airline distance between the Rate Centers of the originating and terminating telephone lines. The Rate Center is a set of geographic coordinates, as referenced in National Exchange Carrier Association, Inc. Tariff FCC No. 4. FCC Access Services Tariff, associated with each NPA-NXX combination (where NPA is the area code and NXX is the first three digits of a seven-digit telephone number). Where there is no telephone number associated with an access line on the Company's network (such as a dedicated 800 or WATS access line), the Company will apply the Rate Center of the Customer's main billing telephone number.

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# SECTION 3 - APPLICATION OF RATES (Cont'd)

Missouri Public Service Cemmission

# 3.3 Rates Based Upon Distance (Cont'd)

**RECD OCT 19 2000** 

- 3.3.2 The airline distance between any two Rate Centers is determined as follows:
  - A. Obtain the "V" (vertical) and "H" (horizontal) coordinates for each Rate Center.
  - B. Compute the difference between the "V" coordinates of the two rate centers; and the difference between the two "H" coordinates.
  - C. Divide each of the differences obtained in step 3.3.2.B by three, rounding each quotient to the nearest integer.
  - D. Square these two integers and add the two squares. If the sum of the squares is greater than 1777, divide the integers obtained in 3.3.2.C by 3 and repeat this step. Repeat this process until the sum of the squares obtained in this step is less than 1778.
  - E. The number of successive division by three in steps 3.3.2.C and 3.3.2.D determines the value of "N". Multiply the final sum of the two squares obtained in step 3.3.2.D by the multiplier specified in the following table for this value of "N" preceding

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<u>N</u>	<u>Multiplier</u>	Minimum Rate Mileage
1	0.9	
2	8.1	41
3	72.9	121
4	656.1	361
	050.1	301

F. Obtain the square root of product in 3.3.2.E and, with any resulting fraction, round up to the next higher integer. This is the rate mileage except that when the mileage so obtained is less than the minimum rate shown in 3.3.2.E preceding, the minimum rate mileage corresponding to the "N" value is applicable.

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#### **SECTION 4 – SERVICE OFFERINGS**

Missouri Public Service Gemmission

#### 4.1 ARBROS ISDN PRI Service

**RECD OCT 19 2000** 

#### 4.1.1 General

ARBROS ISDN PRI Service is an optional form of local exchange based on the Primary Rate Interface (PRI) arrangement of the Integrated Services Digital Network (ISDN). ISDN PRI is a high capacity access path for communications providing voice or data transmission over the public switched telecommunications network.

#### 4.1.2 Regulations

#### A. Explanation of Terms

<u>Circuit Switching</u>: A switching technique in which an entire circuit or, in a digital switch equipped for ISDN, a specific selection of time slots is dedicated to a given call.

Integrated Services Digital Network: Integrated Services Digital Network (ISDN) describes the end-to-end digital telecommunications network architecture that provides for the simultaneous access, transmission and switching of voice, data and image services. These functions are provided via channelized transport facilities over a limited number of standard usernetwork interfaces. The ISDN architecture consists of digital switching systems that connect Primary Rate Interface lines to their serving central office.

ISDN Primary Rate Interface (PRI): ISDN PRI is an alternative for individual local exchange access services such as Direct Inward Dialing (DID) and business lines. It can also be used as loop transport for circuit switched data applications. ISDN PRI is provisioned on the 1.544 megabit per second (mbps) bandwidth and uses the Integrated Services Digital Network (ISDN) architecture to provide the Customer with the capabilities of simultaneous access, transmission and switching of voice data and ubile imaging services via channelized transport.

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4.1 ARBROS ISDN PRI Service (Cont'd)

RECD OCT 19 2000

- 4.1.2 Regulations (Cont'd)
  - A. Explanation of Terms (Cont'd)

<u>Network Interfaces:</u> ISDN Primary Rate Interface is comprised of a limited set of standard user-network interfaces. The PRI customer premises equipment (CPE) located at the customer premises must be compatible with the network interface.

<u>Primary Rate Access Facility:</u> The Primary Rate Access Facility provides a high-capacity access path at a transmission speed of 1.544 megabits per second (mbps) for communications between the customer's premises and the central office. Each Primary Rate Access Facility supports one ISDN PRI Interface Arrangement.

<u>Primary Rate Interface (PRI) Arrangement:</u> ISDN PRI Arrangement is a customer premises-to-central office service providing ISDN capabilities. The PRI arrangement consists of 23 "B" channels and one "D" channel or 24 "B" channels, which are defined as follows:

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<u>B Channel</u>: The B channel is a 64 kilobit per second (kbps) channel used for information transfer between users. The B channel may be used in conjunction with circuit-switched service.

<u>D Channel</u>: The D channel is a 64 kilobit per second (kbps) channel that carries signaling control for the B channels.

<u>PRI Trunk Group</u>: A PRI Trunk Group is a group of channels which are designated as Incoming Exchange Trunk Group.

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Director of Regulatory Affairs
1100 Wayne Avenue, 8th Floor
Silver Spring, Maryland 20910

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Missouri Public Service Commission

# 4.1 ARBROS ISDN PRI Service (Cont'd)

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- 4.1.2 Regulations (Cont'd)
  - B. Customers subscribing to ISDN PRI must comply with ARBROS ISDN Primary Rate Interfaces specifications, as designated by the Company.
  - C. Service Capabilities: ARBROS ISDN PRI provides the capability to:
    - 1. Transport customer information in the form of circuit-switched voice or data up to 64 kbps over any B channel.
    - 2. A back-up D channel is required when more than one PRI is requested.
    - 3. Where ARBROS facilities permit, automatic fault detection, call line identification and equal call distribution are provided.

#### D. Conditions

1. Feature availability and service capabilities are dependent on the facilities and digital technology providing the service.

2. ISDN compatible terminal equipment is a requirement for operation. It is the customer's responsibility to power and obtain such equipment.

This tariff does not apply to the transmission of packet data on the B or D channels.

4. All PRI Interface Arrangement configurations must have at least one 23B+D Interface Arrangement for signaling and control functions. A 23B + Back-up D Interface Arrangement is required whenever the ISDN PRI Interface Arrangements ordered and inservice would otherwise cause more than 47 B-Channels to be controlled by a single D channel.

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4.1 ARBROS ISDN PRI Service (Cont'd)

**RECD OCT 19 2000** 

4.1.2 Regulations (Cont'd)

7.

- D. Conditions (Cont'd)
  - 5. If ISDN service is provided from an alternate serving central office, the customer will accept a telephone number change from its current number to one associated with the alternate serving central office.
  - 6. When ISDN service is available from the customer's original serving central office, the customer will no longer take service from the alternate serving central office and will begin taking service from the original serving central office. The customer will accept a telephone number change from the alternate central office to one associated with the original serving central office, and the customer will be subject to calling areas associated with the original serving central office as established in Company tariffs. If the customer does not take service from the original serving central office after such service becomes available but continues taking service from the alternate serving central office, charges for foreign exchange and/or foreign central office service will apply as specified in Company tariffs.
    - No charges will apply to the transfer of this service from the alternate serving central office to the original serving central office or to the number changes described above.
  - 8. Each PRI trunk group is equipped with one telephone number.

    Additional numbers may be ordered in blocks of 20, or ordered on an individual basis.

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4.1 ARBROS ISDN PRI Service (Cont'd)

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- 4.1.2 Regulations (Cont'd)
  - E. Features: Features available with ISDN PRI:
    - 1. <u>Back-up D Channel</u>: A Back-up D Channel automatically takes over for a failed D channel in case of trouble.
    - 2. <u>Calling Line Identification</u>: Calling Line Identification allows the user to have access to the directory number of the calling party.
  - F. Termination Liability

1.

Subscribers under a one-year contract, who disconnect ARBROS ISDN PRI services or features, in whole or in part, before expiration of the contract period but after completion of six months of the contract period, shall pay to the Company an early termination liability charge for each disconnected service or feature equal to the following: the difference between the applicable oneyear current contract recurring rate and the applicable month-tomonth current recurring rate multiplied by the number of months of the one-year contract period that have elapsed as of the date of disconnection. Subscribers under a one-year contract period, who disconnect ARBROS ISDN PRI services or features, in whole or in part, before expiration of the 6th month of the contract period shall pay to the Company an early termination liability charge equal to one full month recurring rate for each disconnected service or feature plus the difference between the one-year contract recurring rate and the applicable month-to-month rate multiplied by the number of months of the contract period that have elapsed as of the date of termination.

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4.1 ARBROS ISDN PRI Service (Cont'd)

4.1.2 Regulations (Cont'd)

**RECD OCT 19** 2000

- F. Termination Liability (Cont'd)
  - 2. Subscribers under a two-year contract, who disconnect ARBROS ISDN PRI services or features, in whole or in part, before expiration of the contract period but after completion of the first year of the contract period, shall pay to the Company an early termination liability charge for each disconnected service or feature equal to the following: the difference between the applicable twoyear current contract recurring rate and the applicable one-year current recurring rate multiplied by the number of months of the two-year contract period that have elapsed as of the date of disconnection. Subscribers under a two-year contract period, who disconnect ARBROS ISDN PRI services or features, in whole or in part, before expiration of the first year of the contract period shall pay to the Company an early termination liability charge equal to one full month recurring rate for each disconnected service or feature and the difference between the two-year contract recurring rate and the applicable month-to-month rate multiplied by the number of months of the contract period that have elapsed as of the date of termination.

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4.1 ARBROS ISDN PRI Service (Cont'd)

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4.1.2 Regulations (Cont'd)

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- F. Termination Liability (Cont'd)
  - Subscribers under a three-year contract, who disconnect ARBROS ISDN PRI services or features, in whole or in part, before expiration of the contract period but after completion of the second year of the contract period, shall pay to the Company an early termination liability charge for each disconnected service or feature equal to the following: the difference between the applicable threeyear current contract recurring rate and the applicable two-year current recurring rate multiplied by the number of months of the three-year contract period that have elapsed as of the date of disconnection. Subscribers under a three-year contract period, who disconnect ARBROS ISDN PRI services or features, in whole or in part, before expiration of the first year of the contract period shall pay to the Company an early termination liability charge equal to one full month recurring rate for each disconnected service or feature and the difference between the three-year contract recurring rate and the applicable month-to-month rate multiplied by the number of months of the contract period that have elapsed as of the date of termination. Subscribers under a three-year contract period, who disconnect ARBROS ISDN PRI services or features, in whole or in part, before expiration of the second year of the contract period shall pay to the Company an early termination liability charge equal to one full month recurring rate for each disconnected service or feature and the difference between the three-year contract recurring rate and the applicable 2 year rate multiplied by the number of months of the contract period that have elapsed as of the date of termination. Missouri Public Servico Cemminaien 01-255

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# 4.1 ARBROS ISDN PRI Service (Cont'd)

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4.1.2 Regulations (Cont'd)

G. Additions to Service

During the contract period, the customer may add PRI service at the same monthly rate as specified in the initial contract. The contract period for these additional services will end coterminous with the initial contract.

H. Changes in future contract rates

If the monthly rates on a contract are lowered, the subscriber may be allowed to cancel their existing contract without penalty, providing they sign-up for a new contract of equal or greater monetary value. The subscriber will be subject to all terms, conditions and prices of the new contract.

I. Payment Options

An ISDN PRI customer may select a month-to-month, one (1) year, two (2) year or three (3) year contract. All PRI services and features at a given customer premises must be subscribed to the same payment option.

J. Renewal Options

The Company will notify the customer 30-60 days prior to the end of the customer's contract period of the renewal. Absent any specific request from the customer, the new contract period will be for a period of 1-year at the designated 1-year contract rates. The first billing period at the 1-year contract rate will serve as the new contract effective date.

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# 4.1 ARBROS ISDN PRI Service (Cont'd)

**RECD OCT 19 2000** 

#### 4.1.2 Regulations (Cont'd)

#### K. Relocation

When a customer elects to relocate his PRI service to a different premise not served by the same central office, prior to the expiration of a contract period, the service is considered to be disconnected, and the termination liability applies. However, if the customer relocates to a location served by a suitable equipped central office within the same State and establishes a PRI contractual payment plan of equal or greater monetary value, the customer may relocate without incurring any termination liability. Installation charges for establishing the new service would apply.

#### 4.1.3 Rates and Charges

# A. Application of Rates

- 1. Individual Additional Telephone Numbers may be ordered from this tariff for an additional charge.
- 2. Trunk hunting is included in the ISDN PRI Service rates and charges where applicable.
- B. Primary Rate Access Facility, each

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	Non-Recurring	Per Month
23 B+D:		
Month-to-month	\$100.00	\$100.00
1 Year Commitment	\$100.00	\$100.00
2 Year Commitment	\$100.00	\$100.00
3 Year Commitment	\$100.00	\$100.00

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# 4.1 ARBROS ISDN PRI Service (Cont'd)

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4.1.3 Rates and Charges (Cont'd)

**RECD OCT 19 2000** 

C. PRI Interface Arrangement, each

_	Non-Recurring	Per Month
23 B+D:		
Month-to-month	\$495.00	\$495.00
1 Year Commitment	\$485.00	\$485.00
2 Year Commitment	\$420.00	\$420.00
3 Year Commitment	\$370.00	\$370.00
<u>24B:</u>		
Month-to-month	\$495.00	\$495.00
1 Year Commitment	\$485.00	\$485.00
2 Year Commitment	\$420.00	\$420.00
3 Year Commitment	\$370.00	\$370.00
23 B + Backup D:		
Month-to-month	\$495.00	\$495.00
1 Year Commitment	\$485.00	\$485.00
2 Year Commitment	\$420.00	\$420.00
3 Year Commitment	\$370.00	\$370.00

D. Optional Services Features Package

	Non-Recurrin	g Per Month
(Calling Line Identification		
per PRI Arrangement)		
Month-to-month	\$ 80.00	\$ 150.00
1 Year Commitment	\$ 80.00	\$ 150.00
2 Year Commitment	\$ 80.00	\$ 145.00
3 Year Commitment	\$ 80.00	\$ 135.00 Missouri Public Sorvice Cemmissien
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4.1 ARBROS ISDN PRI Service (Cont'd)

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4.1.3 Rates and Charges (Cont'd)

**RECD OCT 19 2000** 

- E. Reconfiguration Charges
  - 1. Trunk Change Charge add or change to an existing trunk group or addition of a new trunk group, per occasion:

Non-recurring:

\$50.00

2. Change in D-channel configuration – 23B+D, 24B, 23B+BU-D, per arrangement

Non-recurring:

\$300.00

F. Each Individual Add'l Telephone Number:

Non-recurring: \$25.00 Per Month: \$3.00

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#### 4.2 ARBROS FRAME RELAY Service

**RECD OCT 19 2000** 

#### 4.2.1 General

ARBROS Frame Relay Service is a data communications service that provides for data connectivity between widely distributed locations. This connectivity is provided via Permanent Virtual Circuits (PVC) connections implemented over access facilities utilizing a switch dedicated to high-speed data services.

ARBROS Frame Relay Service will allow customers who have requirements for high-speed, inter-premises connectivity to interconnect their multiple locations, via an Access Line from the customer's premises to a serving wire center.

#### 4.2.2 Regulations

#### A. Explanation of Terms

<u>Access Line</u> is a dedicated digital line that provides a connection from the customers' premises to a hub or serving wire center.

Each Access Line is assigned at least one port that a customer can select to subscribe to multiple PVCs. This feature is established over the access line via address mapping which enables the customer to have virtual connections to various locations.

Type I Access is defined as access into a Company facility where the last mile of connectivity is provided by the Company.

<u>Type II Access</u> is access that is at least partially served or provided by the Company.

Type III Access is access where the last mile is being provided by the LEC.

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# SECTION 4 – SERVICE OFFERINGS (Cont'd) Missouri Public Service Commission

# 4.2 ARBROS FRAME RELAY Service (Cont'd)

**RECD OCT 19 2000** 

#### 4.2.2 Regulations (Cont'd)

A. Explanation of Terms (Cont'd)

The Permanent Virtual Circuit (PVC) is a Frame Relay Service connection between two customer locations. The call is set up by service order rather than by dial-up signaling.

A Port is the physical interface for which one gains access to the frame relay network.

#### B. Availability of Service:

- 1. ARBROS Frame Relay Service is available throughout Missouri. ARBROS Metro Frame Relay Service is only available in LATAs where the Company has Metro facilities.
- 2. ARBROS, at its discretion, may deploy different types of transmission technology and, in some areas, use redundant facilities to provide this service.
- 3. To meet customer requirements, ARBROS must occasionally perform network upgrades. These network upgrades are needed to provide improved performance and new features. All network upgrades will be planned to provide the least amount of customer service interruption.

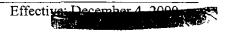
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## 4.2 ARBROS FRAME RELAY Service (Cont'd)

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4.2.2 Regulations (Cont'd)

C. Provision of Service:

ARBROS FRAME RELAY SERVICE will consist of the following:

- 1. One Frame Relay Access Line from the customer's premises to the central office equipped with a Frame Relay switch.
- 2. One Frame Relay PVC connection assigned to the Frame Relay port.
- 3. Selection of the Committed Information Rate (CIR) value, per PVC.
- 4. Formation of the initial address map and unlimited usage.
- 5. The basic service functionality consists of transporting Frame Relay data units from one location to one or more different locations.
- 6. The Committed Information Rate (CIR) provides a mechanism for customers to prioritize critical data on a per-PVC basis across a network. This is accomplished by the customer electing to reserve bandwidth for high-priority applications on a per-PVC basis. The CIR is limited by the bandwidth of the port. The customers total CIR per associated port must be at least a minimum of 25 percent of the port speed.

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# 4.2 <u>ARBROS FRAME RELAY Service</u> (Cont'd)

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#### 4.2.2 Regulations (Cont'd)

#### D. Minimum Service Period

Each port provided on a month-to-month basis is subject to a minimum service period of six months. If service is disconnected prior to the expiration of the minimum service period, termination liability charges are applicable for the remaining portion of the minimum period, whether service is used or not.

Subscribers under a one-year, two-year or three-year contract who disconnect services or features, in whole or part, before expiration of the contract period are subject to early termination liability.

Charges will be assessed for service that is disconnected in full or part prior to the completion of the term. The assessed amount will equal 50% of the monthly rate for the selected contract multiplied by the number of months, or fraction thereof, remaining in the term.

Termination liability does not apply when "portability" requirements are met. Portability is the replacement of a term pricing service with another service for the balance of the plan period. Portability requirements are as follows:

The replacement loop access connection must be of the same type and speed, and must not already be in a Frame Relay plan.

The quantities associated with the replacement are equal to or greater than the disconnected service. Customers may at any time convert from an existing commitment period to a new commitment period equal or greater length without termination liability.

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## 4.2 ARBROS FRAME RELAY Service (Cont'd)

**RECD OCT 19 2000** 

- 4.2.2 Regulations (Cont'd)
  - E. Renewal Options.

The Company will notify the customer at least 30 days prior to the end of the customer's contract period of the renewal. Absent any specific request from the customer, the new contract period will be for a period of 1-year at the designated 1-year contract rates. The first billing period at the 1-year contract rate will serve as the new contract effective date.

- 1. When applicable, the customer shall provide compatible equipment (e.g., routers, data service units/channel service units, etc.) in accordance with interface specifications necessary to connect with ARBROS equipment.
- 2. ARBROS is not responsible for the installation, operation or maintenance of any equipment provided by the customer.

#### 4.2.3 ARBROS METRO FRAME RELAY SERVICE

ARBROS Metro Frame Relay service is an IntraLATA service only available in locations where the Company has facilities. Metro PVCs can only be provisioned for IntraLATA connections. Any network element that crosses a LATA boundary would be excluded from the ARBROS Metro Frame Relay Services.

ARBROS, at its discretion, may deploy different types of transmission technology and, in some areas, use redundant facilities to provide this service.

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# 4.2 ARBROS FRAME RELAY Service (Cont'd)

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4.2.4. Rates and Charges

REC'D OCT 19 2000

#### A. ARBROS FRAME RELAY SERVICE

### 1. Ports and Charges

	Non-Recurring	Monthly Recurring
PORTS	Charge	Charge
SPEEDS (Kbps)	(NRC)	(MRC)
64	\$ 325.00	\$ 185.00
128	\$ 325.00	\$ 330.00
256	\$ 325.00	\$ 480.00
384	\$ 325.00	\$ 605.00
512	\$ 325.00	\$ 745.00
768	\$ 325.00	\$ 920.00
1024	\$ 325.00	\$ 1,255.00
1536	\$ 325.00	\$ 1,600.00

# 2. Private Virtual Circuits (PVCs) Rates and Charges:

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	Non-Recurring	Monthly Recurring
PVC	Charge	Charge
SPEEDS (Kbps)	(NRC)	(MRC)
16	\$ 20.00	\$ 10.00
32	\$ 20.00	\$ 19.00
64	\$ 20.00	\$ 39.00
128	\$ 20.00	\$78.00
256	\$ 20.00	\$155.00
384	\$ 20.00	\$232.00
512	\$ 20.00	\$310.00
768	\$ 20.00	\$543199souri Public
1024	\$ 20.00	\$543199souri Public \$620:00 Gemmissien
1536	\$ 20.00	\$930.00
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## 4.2 ARBROS FRAME RELAY Service (Cont'd)

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4.2.4. Rates and Charges (Cont'd)

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#### A. ARBROS FRAME RELAY SERVICE (Cont'd)

#### 3. Additional Charges:

Installation fee per Port DS1 and Lower De-installation fee per Port DS1 and Lower Reconfiguration fee per Port DS1 and Lower Cancellation prior to Install of a Port DS1 and Lower	\$ 325.00 \$ 325.00 \$ 325.00 \$ 175.00
Installation fee per Port for > DS1  De-installation fee per Port for > DS1  Reconfiguration fee per Port for > DS1  Cancellation prior to Install of a Port DS1 and Higher	\$1,600.00 \$1,600.00 \$1,600.00 \$1,100.00
Expedite Charge Installation/De-Installation/Reconfigure fee per PVC	\$ 1500.00 \$ 20.00

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# 4.2 ARBROS FRAME RELAY Service (Cont'd)

Missouri Public Service Commission

4.2.4. Rates and Charges (Cont'd)

**RECD OGT 19 2000** 

#### B. ARBROS METRO FRAME RELAY SERVICE

1. Port Rates and Charges:

PORTS SPEEDS (Kbp.	s)NF	RC	MR	C
64	\$	325.00	\$	75.00
128	\$	325.00	\$	140.00
256	\$	325.00	\$	175.00
384	\$	325.00	\$	200.00
512	\$	325.00	\$	220.00
768	\$	325.00	\$	230.00
1024	\$	325.00	\$	235.00
1536	\$	325.00	\$	240.00

2. Private Virtual Circuits (PVCs) Rates and Charges:

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PVC				
SPEEDS (Kbps)	NRC	·	MRC	·
16	\$	20.00	\$	1.00
32	\$	20.00	\$	2.00
64	\$	20.00	\$	2.25
128	\$	20.00	\$	6.00
256	\$	20.00	\$	10.00
384	\$	20.00	\$	13.00
512	\$	20.00	\$	28.00
768	\$	20.00	\$	31.00

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# 4.2 ARBROS FRAME RELAY Service (Cont'd)

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4.2.4. Rates and Charges (Cont'd)

# B. ARBROS METRO FRAME RELAY SERVICE (Cont'd)

#### 3. Additional Charges:

Installation fee per Port DS1 and Lower De-installation fee per Port DS1 and Lower Reconfiguration fee per Port DS1 and Lower Cancellation prior to Install of a Port DS1 and Lower	\$ 325.00 \$ 325.00 \$ 325.00 \$ 175.00
Installation fee per Port for > DS1 De-installation fee per Port for > DS1 Reconfiguration fee per Port for >DS1 Cancellation prior to Install of a Port DS1 and Higher	\$1,600.00 \$1,600.00 \$1,600.00 \$1,100.00
Expedite Charge Installation/De-Installation/Reconfigure fee per PVC	\$ 1,500.00 \$ 20.00

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# 4.2 ARBROS FRAME RELAY Service (Cont'd)

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4.2.4. Rates and Charges (Cont'd)

**REC'D OCT 19 2000** 

C. Discount Table:

Discount table applies to the total revenue spent for both ARBROS Frame Relay Services and ARBROS Metro Frame Relay Services.

Access charges do not apply towards the discount table below.

Monthly Revenue	MTM	1 Year	2 Year	3 Year	Annual Revenue
\$ 0	0%	0%	0%	0%	\$ -
\$ 500	0%	1%	2%	3%	\$ 6,000
\$ 1,000	1%	2%	3%	4%	\$ 12,000
\$ 2,000	3%	4%	5%	6%	\$ 24,000
\$ 3,000	3%	6%	7%	8%	\$ 36,000
\$ 5,000	3%	7%	8%	9%	\$ 60,000
\$ 7,500	6%	8%	9%	10%	\$ 90,000
\$10,000	6%	9%	10%	11%	\$ 120,000
\$15,000	6%	11%	12%	13%	\$ 180,000
\$25,000	6%	13%	14%	15%	\$ 300,000

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# 4.2 ARBROS FRAME RELAY Service (Cont'd)

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4.2.4. Rates and Charges (Cont'd)

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D. Access Charges:

DS-0 Access:

Access facilities from the subscribers premises to the Carrier PoP are required at each end of a circuit. Access may be via Local Exchange Company (LEC) dedicated access line or by other access arrangement.

	Non-Recurring	Per Month
Type 1 Access	\$175.00	Fixed \$175.00
Type 2 and 3 Access	LEC Charge	LEC Charge

#### DS-1 Access:

Access facilities from the subscribers premises to the Carrier PoP are required at each end of a circuit. Access may be via Local Exchange Company (LEC) dedicated access line or by other access arrangement.

	Non-Recurring	<u>Per Month</u>
Type 1 Access	\$250.00	Fixed \$375.00
Type 2 and 3 Access	LEC Charge	LEC Charge

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#### 4.3 ARBROS ATM Service

Missouri Public Sorvice Cemmission

**REC'D OCT 19 2000** 

4.3.1 General

ARBROS Asynchronous Transfer Mode (ATM) Service will allow customers who have requirements for high-speed, connectivity to interconnect their multiple locations.

ARBROS ATM Service is a telecommunications transport and switching service that provides for high-speed connectivity between widely distributed locations. It is a fast packet, cell-based technology which can support user applications requiring high bandwidth, high performance transport and switching. This connectivity is provided via Virtual Circuits (VC), which are implemented over access facilities, and switches that are dedicated to high-speed telecommunications services.

#### 4.3.2 Regulations

#### A. Explanation of Terms

<u>Access Line</u> is a dedicated digital line that provides a connection from the customer's premises to a hub or serving wire center.

Each Access Line requires at least one port. A customer may elect to subscribe to multiple VCs to a single port. This feature is established over the access line via address mapping which enables the customer to have virtual connections to various locations.

<u>Type I Access</u> is defined as access into a Company facility where the last mile of connectivity is provided by the Company.

<u>Type II Access</u> is access that is at least partially served or provided by the Company.

Type III Access is access where the last mile is being provided Buthlic LEC.

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# 4.3 ARBROS ATM Service (Cont'd)

Missouri Public Service Cemmissien

4.3.2 Regulations (Cont'd)

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A. Explanation of Terms (Cont'd)

<u>A Port</u> is the physical interface for which one gains access to the ATM network.

A <u>Constant Bit Rate</u> (CBR) is a steady flow of user information required to support applications where variable delays in transmission would negatively impact the information content. Examples of applications requiring CBR are voice, and some types of video.

The <u>Virtual Circuit</u> (VC) is a virtual connection between two customer locations through the ATM network.

A <u>Variable Bit Rate</u> (VBR-nRT) is a flow of information that is bursty, and does not flow at a constant rate. An example of an application using VBR is Local Area Network (LAN) traffic.

An <u>Available Bit Rate (ABR)</u> is aimed to serve data traffic such as email and file transfers that have delay tolerance. ABR does not guarantee cell transfer delay or cell loss ratio although it is desirable that both of these measures be minimized as much as possible.

<u>Sustained Cell Rate</u> (SCR) is the maximum rate at which VBR cells may be constantly transmitted with a high assurance that no cells will be lost. Cells transmitted within the SCR have the highest priority of the VBR traffic, and will not be tagged as eligible for discard.

Peak Cell Rate (PCR) is the highest available rate if information transfers on a Variable Bit Rate connection, and the continuous cell rate allowed for Constant Bit Rate. Cells exceeding the sustained cell rate and below the peak cell rate will be limited to a maximum burst size related Commission

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# 4.3 ARBROS ATM Service (Cont'd)

Missouri Public Sorvico Commission

4.3.2 Regulations (Cont'd)

REC'D OCT 19 2000

- B. Availability of Service
  - 1. ARBROS ATM Service is available throughout the State of Missouri.

ARBROS, at its discretion, may deploy different types of transmission technology and, in some areas, use redundant facilities to provide this service.

- 2. To meet customer requirements, ARBROS must occasionally perform network upgrades. These network upgrades are needed to provide improved performance and new features. All network upgrades will be planned to provide the least amount of customer service interruption
- C. Provision of Service

ARBROS ATM SERVICE will consist of the following:

- 1. One Access Line from the customer's premises to the central office based cell relay switch with maximum capacity for DS1 or DS3.
- 2. An initial quantity of bandwidth for use by the customer within the VC.
- 3. Unlimited usage per VC.
- 4. At least one VC is required to be purchased per port.
- 5. Virtual Connections can be one or more of the following; Constant Bit Rate, Variable Bit Rate-nRT or Available Bit Rate uni Public Service Commission

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# 4.3 ARBROS ATM Service (Cont'd)

Missouri Public Service Commission

4.3.2 Regulations (Cont'd)

REC'D OCT 19 2000

- D. Service Parameters:
  - 1. <u>Constant Bit Rate</u> (CBR):

Sustained Cell Rate (SCR) – Customer specified in increments of 64 Kbps up to the maximum capacity of the line.

Peak/Sustained Cell Rate – Customer selected in increments as follows: 16, 32, 64, 128, 384, 512, 768, 1024 and 1536.

Non-conforming cells, discarded.

2. <u>Variable Bit Rate</u> Non Real Time (VBR / nRT):

Peak Cell Rate (PCR) – 200% of Sustained Rate up to the maximum capacity of the line.

Non-conforming cells (exceeding peak rate), discard.

3. Available Bit Rate (ABR):

No guaranteed SCR. Capacity per cell transmission dependent on network capacity.

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# 4.3 ARBROS ATM Service (Cont'd)

Missouri Public Sorvice Commission

4.3.2 Regulations (Cont'd)

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E. Minimum Service Period:

Each service provided on a month-to-month basis is subject to a minimum service period of six months. If service is disconnected prior to the expiration of the minimum service period, termination liability charges are applicable for the remaining portion of the minimum period, whether service is used or not.

Subscribers under a one-year, two-year or three-year contract who disconnect services or features, in whole or part, before expiration of the contract period are subject to early termination liability.

Charges will be assessed for service that is disconnected in full or part prior to the completion of the term. The assessed amount will equal 50% of the monthly rate for the selected contract multiplied by the number of months, or fraction thereof, remaining in the term.

Termination liability does not apply when "portability" requirements are met. Portability is the replacement of a term pricing service with another service for the balance of the plan period. Portability requirements are as follows:

The replacement loop access connection must be of the same type and speed, and must not already be in a Frame Relay plan.

The quantities associated with the replacement are equal to or greater than the disconnected service. Customers may at any time convert from an existing commitment period to a new commitment period equal or greater length without termination liability.

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#### 4.3 ARBROS ATM Service (Cont'd)

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4.3.2 Regulations (Cont'd) RECTO OCT 19 2000

F. Renewal Options.

> The Company will notify the customer at least 30 days prior to the end of the customer's contract period of the renewal. Absent any specific request from the customer, the new contract period will be for a period of 1-year at the designated 1-year contract rates. The first billing period at the 1-year contract rate will serve as the new contract effective date.

G. Customer Premises Equipment (CPE):

> Customer Premises equipment provided by the customer must meet the following interface requirements:

- 1. When applicable, the customer shall provide compatible equipment (e.g., routers, data service units/channel service units, etc.) in accordance with ARBROS defined interface specifications.
- 2. ARBROS is not responsible for the installation, operation or maintenance of any equipment provided by the customer.

#### ARBROS METRO ATM SERVICE

ARBROS Metro ATM service is an IntraLATA service only available in locations where the Company has Metro facilities. VCs can only be provisioned for IntraLATA connections. Any network element that crosses a LATA boundary would be excluded from the ARBROS Metro ATM services.

ARBROS, at its discretion, may deploy different types of transmission technology and, in some areas, use redundant facilities to provide this service.

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# 4.3 ARBROS ATM Service (Cont'd)

4.3.4 Rates and Charges

**REC'D OCT 19 2000** 

#### A. ARBROS ATM SERVICE

1. Ports and Charges:

PORTS	Non-Recurring	Monthly Recurring	
SPEEDS	Charge	Charge	
(Kbps)	(NRC)	(MRC)	
1536	\$ 350.00	\$1,250.00	
3072	\$ 1,750.00	\$1,875.00	
4608	\$ 1,750.00	\$2,310.00	'
6144	\$ 1,750.00	\$2,690.00	
7680	\$ 1,750.00	\$3,000.00	
9216	\$ 1,750.00	\$3,250.00	
10752	\$ 1,750.00	\$3,440.00	
12288	\$ 1,750.00	\$3,560.00	
DS-3	\$ 1,750.00	\$4,100.00	

2. Virtual Circuits (VC) Rates and Charges:

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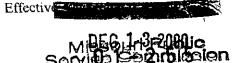
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VC	<u> </u>		MF	RC		~		
SPEEDS (Kbps)	NR	RC .	CB	R	V]	BR-nRT	AE	3R
16	S	60.00	\$	11.50	\$	5.00	\$	4.25
32	\$	60.00	\$	23.00	\$	10.00	\$	8.00
64	\$	60.00	\$	46.00	\$	20.00	\$	17.00
128	\$	60.00	\$	91.00	\$	40.00	\$	33.00
256	\$	60.00	\$	183.00	\$	80.00	\$	67.00
384	\$	60.00	\$	274.00	\$	120.00	\$	99.00
512	\$	60.00	\$	365.00	\$	159.40	\$	133.00
768	\$	60.00	\$	548.00	\$	239.00	\$	199.00
1024	\$	60.00	\$	730.00	\$	320.00	\$	266.00
1536	\$	60.00	\$1	,095.00	\$	478.00	\$	399.00

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# 4.3 ARBROS ATM Service (Cont'd)

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4.3.4 Rates and Charges (Cont'd)

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- A. ARBROS ATM SERVICE (Cont'd)
  - 3. Additional Charges:

Installation fee per Port DS1
De-installation fee per Port DS1
Installation fee per Port N x DS1, DS3
Cancellation Fee
VC Install Fee

\$ 600.00 \$1,750.00 \$ 600.00 \$ 60.00 \$ 1,500.00

350.00

Expedite order fee

# B. ARBROS METRO ATM SERVICE

1. Port Rates and Charges:

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PORTS		
SPEEDS (Kbps)	NRC _	MRC
1536	\$ 350.00	\$ 250.00
3072	\$ 1,750.00	\$ 440.00
4608	\$1, 750.00	\$ 565.00
6144	\$1,750.00	\$ 655.00
7680	\$1,750.00	\$ 750.00
9216	\$1,750.00	\$ 845.00
10752	\$1,750.00	\$1,030.00
12288	\$1,750.00	\$2,190.00
DS-3	\$1,750.00	\$3,750.00

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4.3 ARBROS ATM Service (Cont'd)

4.3.4 Rates and Charges (Cont'd)

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- B. ARBROS METRO ATM SERVICE (Cont'd)
  - 2. Virtual Circuits (VC) Rates and Charges:

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VC			M	RC		* **		
SPEEDS (Kbps)	NRC		CI	3R	VI	3R-nRT	AE	R
16	\$	60.00	\$	2.15	\$	1.00	\$	0.75
32	\$	60.00	\$	425	\$	2.00	\$	1.50
64	\$	60.00	\$	9.00	\$	4.00	\$	2.25
128	\$	60.00	\$	18.00	\$	8.00	\$	3.00
256	\$	60.00	\$	34.00	\$	15.00	\$	6.00
384	\$	60.00	\$	52.00	\$	22.00	\$	19.00
512	\$	60.00	\$	69.00	\$	30.00	\$	25.00
768	\$	60.00	\$	103.00	\$	45.00	\$	38.00
1024	\$	60.00	\$	138.00	\$	60.00	\$	50.00
1536	\$	60.00	\$	206.00	\$	90.00	\$	75.00

3. Additional Charges

Installation fee per Port DS1	\$ 350.00
De-installation fee per Port DS1	\$ 600.00
Installation fee per Port N x DS1, DS3	\$1,750.00
Cancellation Fee	\$ 600.00
VC Install Fee	\$ 60.00
Expedite order fee	\$ 1,500.00

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# 4.3 ARBROS ATM Service (Cont'd)

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4.3.4 Rates and Charges (Cont'd)

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C. Discount Table:

Discount table applies to the total revenue spend for both ARBROS ATM Services and ARBROS Metro ATM Services.

Access charges do not apply towards the above discount table below.

Monthly Revenue			3 year	Annual Revenue		
\$0	0%	0%	0%	0%	\$ -	
\$500	0%	1%	2%	3%	\$ 6,000	
\$1,000	1%	2%	3%	4%	\$ 12,000	
\$2,000	3%	4%	5%	6%	\$ 24,000	
\$3,000	3%	6%	7%	8%	\$ 36,000	
\$5,000	3%	7%	8%	9%	\$ 60,000	
\$7,500	6%	8%	9%	10%	\$ 90,000	
\$10,000	6%	9%	10%	11%	\$ 120,000	
\$15,000	6%	11%	12%	13%	\$ 180,000	
\$25,000	6%	13%	14%	15%	\$ 300,000	

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4.3 <u>ARBROS ATM Service</u> (Cont'd)

4.3.4

Rates and Charges (Cont'd) RECD OCT 19 2000

D. Access Charges:

DS-1 Access

Access facilities from the subscribers premises to the Carrier PoP are required at each end of a circuit. Access may be via, Local Exchange Company (LEC) dedicated access line or T-1 or by other access arrangement.

Non-RecurringPer MonthType 1 Access\$250.00Fixed \$375.00Type 2 and 3 AccessLEC ChargeLEC Charge

DS-3 Access

Access facilities from the subscribers premises to the Carrier PoP are required at each end of a circuit. Access may be via, Local Exchange Company (LEC) dedicated access line or T-1 or by other access arrangement.

Non-RecurringPer MonthType 1 Access\$2000.00Fixed \$2000.00Type 2 and 3 AccessLEC ChargeLEC Charge

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#### 4.4 ARBROS Private Line Service

4.4.1 General

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ARBROS offers the following Private Line Services:

ARBROS DS-0 Private Line Service, ARBROS DS-1 Private Line Service, ARBROS DS-3 Private Line Service, ARBROS Metro DS-0 Private Line Service, ARBROS Metro DS-1 Private Line Service, ARBROS Metro DS-3 Private Line Service.

ARBROS DS-0 PRIVATE LINE SERVICE is furnished on either a two-point basis between customer premises, or between another DS-0-Type service provided in a central office and a customer premises or between central offices for the connection to other DS-0-Type services. DS-0 is available at speeds of 56/64 Kbps.

ARBROS DS-1 PRIVATE LINE SERVICE is furnished on either a two-point basis between customer premises, or between another DS-1-Type service provided in a central office and a customer premises or between central offices for the connection to other DS-1-Type services. DS-1 is available at speeds of 1.544 Mbps.

ARBROS DS-3 PRIVATE LINE SERVICE is furnished on either a two-point basis between customer premises, or between another DS-3-Type service provided in a central office and a customer premises or between central offices for the connection to other DS-3 -Type services. DS-3 is available at speeds of 44.736 Mbps.

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# SECTION 4 – SERVICE OFFERINGS (Cont'd) Missouri Public Service Commission

# 4.4 ARBROS Private Line Service (Cont'd)

REC'D OCT 19 2000

## 4.4.2 Regulations

## A. Explanation of Terms

Type I Access is defined as access into a Company owned facility, with the Company providing the last mile of connectivity for both ends of the private line.

Type II Access is defined as access in which the Company owns the last mile or at least 1 end of the private line.

Type III Access is defined as both loops being provisioned by the LEC.

# B. Availability of Service

- 1. ARBROS Private Line Services are available throughout Missouri. ARBROS Metro Private Line Services are only available in LATAs where the Company has Metro facilities.
- 2. ARBROS, at its discretion, may deploy different types of transmission technology and, in some areas, use redundant facilities to provide this service.

#### C. Mileage Measurement

The mileage to be used to determine the monthly rate for the channel mileage and is calculated on the distance between customer designated locations.

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4.4 ARBROS Private Line Service (Cont'd)

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4.4.2 Regulations (Cont'd)

D. Provision of Service

ARBROS Private Line Service will consist of one of the following configurations:

- Where both customer-designated premises are served by the same wire center the service will consist of two channel terminations only.
   A channel termination is a path for digital transmission furnished between the serving wire center and the customer premises.
- 2. Where both customer designated premises are served by different wire centers the service will consist of two channel terminations and channel mileage between the wire centers involved.
- 3. Where the ARBROS Private Line Services connect a customerdesignated premises to central office services provided with an interface located in a serving wire center, the service would consist of one channel termination and channel mileage as applicable.
- 4. Where ARBROS Private Line Services interconnect separate central office service provided with DS-0, DS-1 or DS-3 interfaces located in separate serving wire centers, the service will consist of channel mileage only.

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4.4 <u>ARBROS Private Line Service</u> (Cont'd)

REC'D OCT 19 2000

4.4.2 Regulations (Cont'd)

E. Termination Liability

Each service provided on a month-to-month basis is subject to a minimum service period of six months. If service is disconnected prior to the expiration of the minimum service period, termination liability charges are applicable for the remaining portion of the minimum period, whether service is used or not.

Subscribers under a one-year, two-year or three-year contract who disconnect services or features, in whole or part, before expiration of the contract period are subject to early termination liability.

Charges will be assessed for service that is disconnected in full or part prior to the completion of the term. The assessed amount will equal 50% of the monthly rate for the selected contract multiplied by the number of months, or fraction thereof, remaining in the term.

F. Renewal Options.

The Company will notify the customer at least 30 days prior to the end of the customer's contract period of the renewal. Absent any specific request from the customer, the new contract period will be for a period of 1-year at the designated 1-year contract rates. The first billing period at the 1-year contract rate will serve as the new contract effective date.

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4.4 ARBROS Private Line Service (Cont'd)

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4.4.3 ARBROS METRO PRIVATE LINE SERVICES

ARBROS Metro DS-0 Private Line Service is defined as an IntraLATA service only available in locations where the Company has facilities. Private line circuits can only be provisioned for IntraLATA connections. Any network element that crosses a LATA boundary would be excluded from the ARBROS Metro Private Line service.

ARBROS Metro DS-1 Private Line Service is defined as an IntraLATA service only available in locations where the Company has facilities. Private line circuits can only be provisioned for IntraLATA connections. Any network element that crosses a LATA boundary would be excluded from the ARBROS Metro Private Line service.

ARBROS Metro DS-3 Private Line Service is defined as an IntraLATA service only available in locations where the Company has facilities. Private line circuits can only be provisioned for IntraLATA connections. Any network element that crosses a LATA boundary would be excluded from the ARBROS Metro Private Line service.

# 4.4.4 Rates and Charges

A. Moves

A customer may avoid termination penalties when moving any ARBROS Private Line Services within the LATA as long as:

The number of circuits remains the same or greater than that in the contract, they pay the appropriate nonrecurring charges to establish the new service and, they accept a monetary discontinuance of existing service, or they upgrade to another ARBROS service.

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4.4 ARBROS Private Line Service (Cont'd)

RECD OCT 19 2000

4.4.4 Rates and Charges (Cont'd)

B. ARBROS DS-0 Private Line Rates and Charges

> Access facilities from the subscribers premises to the Carrier POP are required at each end of a circuit. Access may be via, Local Exchange Company (LEC) dedicated access line or by other access arrangement.

Access

Non-Recurring

Per Month

LEC Charge

LEC Charge

Channel Mileage for Inter-Office:

Non-Recurring

Per Month

Fixed Charge:

\$0.00

\$450.00

Per Mileage Charge:

\$0.00

\$0.50

C. ARBROS DS-1 Private Line Rates and Charges

> Access facilities from the subscribers premises to the Carrier POP are required at each end of a circuit. Access may be via, Local Exchange Company (LEC) dedicated access line or by other access arrangement.

Non-Recurring

Per Month

Access

LEC Charge

LEC Charge

Channel Mileage for Inter-Office:

Non-Recurring

Per Month

Fixed Charge:

\$0.00

\$600.00

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Per Mileage Charge:

\$0.00

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4.4 ARBROS Private Line Service (Cont'd)

RECTION 19 2000

4.4.4 Rates and Charges (Cont'd)

D. ARBROS DS-3 Private Line Rates and Charges

Non-Recurring

Per Month

Access

LEC Charge

LEC Charge

Channel Mileage for Inter-Office:

Non-Recurring

Per Month

Fixed Charge:

\$0.00

\$2,600.00

Per Mileage Charge:

\$0.00

\$24.00

E. ARBROS Metro DS-0 Private Line Rates and Charges

Type 1 Access

Non-Recurring

Per Month

Fixed Charge: Per Mile Charge:

\$300.00 \$.00 \$300.00 \$0.22

Volume and Term discounts for Type1 Access revenue do apply.

Type 2 Access

Non-Recurring

Per Month

LEC Charge

90% of LEC tariff

Volume and Term discounts for Type 2 Access revenue does apply.

Type 3 Access

Non-Recurring

Per Month

LEC Charge

LEC Charge

Volume and Term discounts for Type 3 revenue do not apply.

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4.4 ARBROS Private Line Service (Cont'd)

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4.4.4 Rates and Charges (Cont'd)

F. ARBROS Metro DS-1 Private Line Rates and Charges

Type 1 AccessNon-RecurringPer MonthFixed Charge:\$500.00\$375.00Per Mile Charge:\$0.00\$24.00

Volume and Term discounts for Type1 Access revenue do apply.

Type 2 Access Non-Recurring Per Month
LEC Charge 90% of LEC tariff

Volume and Term discounts for Type 2 Access revenue do apply.

Type 3 Access Non-Recurring Per Month
LEC Charge LEC Charge

Volume and Term discounts for Type 3 revenue do apply.

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4.4 ARBROS Private Line Service (Cont'd)

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4.4.4 Rates and Charges (Cont'd)

G. ARBROS Metro DS-3 Private Line Rates and Charges

Type 1 AccessNon-RecurringPer MonthFixed Charge:\$2,000.00\$1,825.00Per Mile Charge:\$.00\$110.00

Volume and Term discounts for Type1 Access revenue do apply.

Type 2 Access Non-Recurring Per Month
LEC Charge 90% of LEC tariff

Volume and Term discounts for Type 2 Access revenue do apply.

Type 3 Access Non-Recurring Per Month
LEC Charge LEC Charge

Volume and Term discounts for Type 3 revenue do not apply.

CANCELLED

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Robert F.X. Condon Director of Regulatory Affairs 1100 Wayne Avenue, 8<sup>th</sup> Floor

1100 Wayne Avenue, 8<sup>th</sup> Floor Silver Spring, Maryland 20910 Effective

Missouri Public Service Commission

## 4.4 ARBROS Private Line Service (Cont'd)

**RECD OCT 19 2000** 

## 4.4.4 Rates and Charges (Cont'd)

#### H. Discount table for Private Line Services

This table applies discounts to the List Rates for the total revenue spent for the following ARBROS Private Line Services:

DS-0 – All Access Types, DS-1 – All Access Types, DS-3 – All Access Types, Metro DS-0 – Access Types 1 and 2, Metro DS-1 – Access Types 1 and 2, Metro DS-3 – Access Types 1 and 2

The charges in the discount table below do not apply to all non-recurring fees including Type 3 metro private line for DS0, DS1 and DS3 circuits.

	ý
	\$3
	\$1
	\$2
	\$.
	\$'
noisa	\$
	\$:

Monthly Revenue		1 year	2 year	3 year	Annual Revenue
\$0	0%	0%	0%	0%	\$ -
\$500	0%	1%	2%	3%	\$ 6,000
\$1,000	1%	2%	3%	4%	\$ 12,000
\$2,000	3%	4%	5%	6%	\$ 24,000
\$3,000	3%	6%	7%	8%	\$ 36,000
\$5,000	3%	7%	8%	9%	\$ 60,000
\$7,500	6%	8%	9%	10%	\$ 90,000
\$10,000	6%	9%	10%	11%	\$ 120,000
\$15,000	6%	11%	12%	13%	\$ 180,000
\$25,000	6%	13%	14%	15%	\$ 300,000

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# Arbros Communications Licensing Company Central, LLC

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JUN 21 2003 TD-03-5/2 SECTION 5 - MISCELLANEOUS OFFERINGS Missouri Public Service Commission

Bryice (logamission Emergency Services (Enhanced 911) **RECD OCT 19 2000** 

Initially, as a reseller, the Company will rely on the underlying carrier to provide E911 service. When the Company provides voice grade service, the Company agrees to be bound by the following requirements for E911 Service.

The Company is obligated to supply the E-911 service provider in the Company's service area (the E-911 service provider) with information necessary to update the E-911 database at the time the Company submits customer orders to the local exchange company whose service is being resold pursuant to these tariffs. At the time the Company provides local basic service to a customer by means of the Company's own cable pair, or over any other exclusively owned facility, the Company will be obligated to make the necessary equipment or facility additions in the 911 service provider's equipment in order to properly update the database for 911. The Company will be obligated to provide facilities to route calls from the end users to the proper PSAP. The Company recognizes the authority of the E-911 customer to establish service specifications and grant final approval or denial of service configurations offered by the Company. The Company will collect 911 surcharges and remit all surcharge revenue to the appropriate governmental entity pursuant to §190.310 RSMo. The Company undertakes no responsibility to inspect or to monitor 911 Service facilities to discover errors, defects, or malfunction in 911 Service

# 5.2 <u>Telecommunications Relay Service</u>

Telecommunications Relay Service enables deaf, hard-of-hearing or speech-impaired persons who use a text telephone or similar devices to communicate freely with the hearing population for using the text telephone and vice versa. The Company does not impose any charge to end users for access to Telecommunications Relay Service. However, persons using this Service are liable for applicable per call/increment charges.

#### 5.3 Presubscription

Provides Customers with the ability to have message toll or long distance calls routed directly to their carrier of choice without the dialing of any additional digits. Customers may select separate carriers for intraLATA and interLATA calls.

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# SECTION 6 - INDIVIDUAL CASE BASIS (ICB) ARRANGEMENTS REC'D OCT 19 2000

Rates for dedicated access and private line services will be determined on an Individual Case Basis (ICB). ICB rates will be structured to recover the Company's cost of providing the services and will be made available to customers in a non-discriminatory manner. Terms of specific ICB contracts will be made available to the Missouri Public Service Commission Staff upon request on a proprietary basis. ICB rates will not be used for switched services.

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# Arbros Communications Licensing Company Central, LLC

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# **SECTION 7 - PROMOTIONAL OFFERINGS**

RFCD OCT 19 2000

The Company may from time-to-time engage in special promotional service offerings designed to attract new customers or to promote existing services. Such promotional service offerings shall be subject to specific dates, time (not to exceed one year), and/or locations, and shall be subject to prior notification to and approval by the Commission. The Company will provide written notice to the Commission no less than seven (7) days prior to the beginning of each promotion period identifying the promotion, specifying the terms of the promotion, the location and dates of the promotion.

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