2 Section H – Section X

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PSC 2		
Section I		
First Revised	Sheet	1

### FOREIGN EXCHANGE (FX) SERVICES

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PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

NOV 20 1984

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Dordan Chool

Issued: November 20, 1984

Effective: November 20, 1984

By: \_\_\_\_\_\_\_\_ General Manager Issued under authority K.P.S.C. No. 8997 dated November 20, 1984

Highland Telephone Cooperative Incorporated

PSC 2 Section I First Revised Sheet 2

### FOREIGN EXCHANGE (FX) SERVICE

### I.l Concurrence

(C&I)

Highland Telephone Cooperative, Incorporated hereinafter called the concurring utility, assents to adopts and concurs in the Foreign Exchange Service and Foreign Central Office Service Tariff, filed with the Kentucky Public Service Commission by South Central Bell Telephone Company, hereinafter called the issuing utility, as such Tariff now exists or as it may be revised, added to or supplemented by superseding sheets or issues, for Foreign Exchange services furnished by the issuing utility and concurring utility, and hereby makes itself a party thereto and obligates itself to observe each and every provision thereof.

### I.2 Exceptions

According to the issuing utility, the foreign termination determines the local service rate. If a foreign exchange terminates in the concurring utility's certificated area, the base rate will be the local service rate as described in Section C of this tariff. The base rate will apply to terminations within a one mile radius of the Central Office building of the exchange in which the foreign exchange exists. For terminations beyond this one mile radius, there will be an additional charge per 1/4 mile by aerial route as follows:

Mileage Charge per 1/4 mile beyond Base Rate Area.....\$1.45 (C&I)

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PURSUANT TO 807 KAR 5:011, SECTION 9 (1 a

Issued: November 20, 1984

By:

Effective: November 20, 1984

General Manager u Issued under authority K.P.S.C. No. 8997 dated November 20, 1984

Highland Telephone Cooperative Incorporated PSC 2 Section I Original Sheet 3

3. Miscellaneous service, equipment and facilities used in connection with foreign exchange service are furnished subject to the rates and regulations applying in the foreign exchange from which the customer is served. This also includes service connection, move and change charges.

4. The Company's accepted method for serving subscriber to Foreign Exchange Service, is by use of our Central Office and existing distribution plant. Connection with the foreign exchange will be facilitated by a route from central office to central office. The Company will not provide or permit provision of foreign exchange service by the extension of distribution plant across exchange boundaries.

In accordance with PSC order dated 2-21-81, Administrative Case 5. 218, the Company will no longer provide or permit Foreign Exchange Service by extension of local exchange facilities "cross-boundary," the Company, also recognized that it has a responsibility to continue serving existing Foreign Exchange customers served in this manner. Since rates and charges for Foreign Exchange assumes a proper serving method, those "grandfathered" Foreign Exchange customers will be charged Foreign Exchange mileage from their residence to the point of connection Customers who presently have Foreign with the serving company. Exchange service under these arrangements are "grandfathered" only at their existing premise. The Company will deny reestablishing this form of Foreign Exchange if the customer discontinues services, or relocated service to another premise.

6. All Foreign Exchange Service whether terminating in the Companies territory or served solely within its boundaries will require a termination agreement for a period not to exceed six months.

7. Installation charges for Foreign Exchange service are in addition to service charges in Section D.

I.4 Rates and Charges

I.4.1 When an applicant located in an area normally served by this Company request local exchange service privilege through an exchange owned and operated by another Company, the following charges will apply thereto:

1. All charges made by the other Company for the use of its line and facilities, plus \$1.00 per quarter mile measured by route mile company is control of the two excharges the territory boundary of the two excharges the territory boundary of the two excharges the territory this company's central office plus the applicable local service refective this company's central office. The foreign termination will determine this company's local service rate as provided for elsewhere in this tariff.

Issued: January 1, 1983
$C \rightarrow l \prec$
By: for J.X. for Mo
Issued under authority K.P.S.C. No

Effective: January SECTION 9 (1) RY:

# dated January 1, 1983

2 2 PSC 2 Section J Contents Second Revised Sheet 1

## KEY AND PUSHBUTTON TELEPHONE SERVICE

### Contents

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PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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Issued:	December 1, 1985	Effective:	January 1, 1986	
By:GEN	VERAL MANAGER			

PSC 2 Section J Second Revised Sheet 2

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### KEY AND PUSHBUTTON TELEPHONE SERVICE

### J.1 Conditions

- J.1.1 All telephones associated with a key telephone installation, normally are located in the same building, except that intercommunication between main and extension stations may involve different buildings. A telephone system or multi-button telephones may be provided in different buildings whenever, in the judgment of the company, satisfactory service can be furnished.
- J.1.2 Station bells, individual or common, within ringer limitations, required for the satisfactory operation of a key telephone system are provided without additional charge. Extension bells are provided at the rates applicable for such equipment.
- J.1.3 Keyless telephones may be bridges to any line of a Key Telephone System. The number of telephones which may be connected to a line either directly or by key operation is limited to such number as in the judgement of the company will not interfere with efficient telephone service.
- J.1.4 Suitable commercial power including outlets, which may be required for the operation of the power equipment associated with key telephone systems, shall be furnished by the subscriber.
- J.1.5 When a customer requests service features other than those regularly available, additional charges based on costs incurred will apply.
- J.1.6 All installation charges quoted in this section of the tariff are in addition to service connection charges in Section D, with the following exception: All multi-line key telephone USU Ciservice COMMISSION tion charges replace equipment work charges in Section D. EFFECTIVE tariff. Where installation charges for these instruments appry, no equipment work charges will apply.
- J.1.7 Monthly charges for key telephone sets in this section of the arrife take the place of extension charges in Section Section Section (SECTION 9 (1))

Issued:	December 1, 1985	Effective:	January 1, 1986	
By:	OLJenny GENERAL MANAGER			۴
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### KEY AND PUSHBUTTON TELEPHONE SERVICE

- J.2 Moves and Changes
  - J.2.1 Any rearrangement of station features that do not require changing or relocating the key system instrument will be charged at rates applicable in Section D of the tariff.
  - J.2.2 Any moves or rearrangements which involved changing or relocation of the key system instrument, but does not involve calling will be charged at rates applicable in Section D, except that move and change charges on this section will apply in place of equipment work charges impressed in Section D.
  - J.2.3 Any moves or rearrangements which involve changing or relocation of the key system instrument and do involve additions to or rearrangement of existing cabling will be charged as though it were a new station.
- J.3 Systems and Charges
  - J.3.1. Type 501 or Equivalent:

These systems provide for a maximum of six trunks with winking hold, holding key and pick-up keys, visual busy signals by illuminated pick-up keys.

Option: Intercommunicating line with full selective audible signaling between stations by use of the dial in the telephone.

	Rates:	Monthly Rate:	Installation Charge:
	J.3.1.1	Each trunk at 1 1/2 times the one party business rateSecuer	
	J.3.1.2	Tel-Touch calling service each trunkSec."M"	EFFECTIVE JAN <sup>e</sup> 01 <sup>"M"</sup> 1986
	J.3.1.3.	Common Equipment 1. Up to six trunks\$23.00 BY:	JANT TO 807 KAR 5:011, SECTION 9 (1)
Issued:	December 1	, 1985Effective:January	<u>/ 1, 1986</u>
By-			

GENERAL MANAGER

By:

By:

GENERAL MANAGER

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J.3	System	s and Cha	rges – con	tinued		
	J.3.1	Type 501	or Equivale	ent – continued		
		J.3.1.4	Each Teleph	ione:		
				Six-Button Instrument with Rotary Dial\$ 5.00	\$15.00	
			J.3.1.4.2 1800 Type	Six-Button Six-Button Instrument with Push Button Dial\$ 6.00	\$15.00	
		J.3.1.5	Intercommuni	cating Line System For:		
			J.3.1.5.1	Rotary Dial System\$ 7.00	\$10.00	
	a Ziğe aver	10-1 -	J.3.1.5.2	Pushbutton Dial System.\$11.50	\$10.00	
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Issued:	December	1,1985	Effective:	January 1, 1986

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# PRIVATE BRANCH EXCHANGE SERVICE

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BY: <u>A. X. I.</u>	J	J	gr-

Issued:	December 1, 1985	Effective:	January 1, 1986	
By:				
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### PRIVATE BRANCH EXCHANGE SERVICE

### K.1 GENERAL

A tariff filing for Private Branch Exchange Equipment is impractical for the following reasons:

- Each PBX is designed and optional equipment added so that each system is "tailored" to the needs of the individual customer. The variety of applications that are required of the Company, make it virtually impractical to identify a standard installation in that subscriber needs require each system to be individually designed.
- 2. The rapid advancement in technology, and the dramatic increase in the number of vendors of PBX equipment, make a tariff covering each type, or similar types, features and custom calling features, also impractical.
- 3. Introduction of competition whose target is primarily PEX equipment sales, requires the Company to be "flexible" in both the leasing and sale of this equipment.
- 4. Since our prime objective is to provide a reasonable grade of service, at the lowest possible cost to the customer, we believe that tariff, flexibility in the area of PBX equipment will allow the Company'freedom to locate, and design equipment, and lease it to the customer in the most economical method using state of the art equipment.

### K.2 PBX CONTRACTS

1. It is the policy of the Company to enter into an agreement with the customer prior to the installation of a PBX, that specifically address all installation due non-recurring charges, and monthly lease charges that would apply to their individual **PLUBLED SERVICE COMMISS CN OF KENTUCKY** 

2. In the absence of a specific tariff covering PBX Service offering, it is the policy of the Company to file with the Commission a tariff sheet showing the name of the subscriber, the type ADY PBX 1986 installed, the initial installation charge, the monthly recurring charge, type of termination fee schedule.

Issued:	December 1, 1985	Effective:J	anuary 1, 1986	 0	
By:	GENERAL MANAGER				

PSC 2 Section K Second Revised Sheet 3

### PRIVATE BRANCH EXCHANGE SERVICE

- K.2 PBX Contracts continued
  - 3. The monthly recurring charges specified for the individual customer's contract would remain in force for the existence of the contract. Increases in rates unless otherwise specified in the contract, would require a new contract between the company and the customer.
  - 4. Additional features and/or charges in the equipment as identifed by the contract would require a contract amendment or addendum which will also be filed with the Commission.
  - 5. Other equipment other than the PBX such as trunks and terminal equipment will be charged at rates found in this or other sections of this tariff.
  - 6. All contracts entered into by the Company and its customer will be available for Commission inspection upon request to the Company.
- K.3 PBX Trunk Rate
  - Line provided as PBX trunks will be charged at 1 1/2 times the one (L) party business rate (See Section "C").
- K.4 Key Telephone Service In Conjunction with PBX Service
  - 1. Normally PBX features coupled with an attendant normally provide sufficient service as to negate the use of key systems in conjunction with PBX service.
  - 2. There are however, occasions due to particular needs of a customer where key telephone service, using extension line from the PBX, is required.
  - 3. In these configurations extension lines are used as key trunks.
- K.5 Charges

- PUBLIC SERVICE COMMISSION OF KENTUCKY
- 1. Charge for key trunks that employ PBX extension line is EFFECTIVE business one-party rate. (Section "C")

JAN 01 1986

			PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Heoghesan		
Issued:	December 1, 1985	Effective:	January 1, 1986	0	
Ву:					

GENERAL MANAGER

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K.1.5 Operating

All operating at the customer's premises is performed at the expense of the customer and must conform with the regulations which the Telephone Cooperative establishes as necessary in order to maintain a proper standard of service.

K.1.6 Operator Sets

Operator sets or operators telephones are provided for an additional charge in connection with cordless or cord type private branch exchange switchboards or with cordless or cord type attendants cabinets used with private automatic branch exchanges.

K. 2 Rates

- K.2.1 PBX Trunk, each 1 1/2 x B1 rate. (L)
- K.2.2 Equipment Charges

The following systems were quoted to the subscriber based on the relative cost of the system at the time of installation:

2 USI-25 PBS Systems	-	\$45.00
2 TD-100 PBX Systems	-	\$45.00
1 TD-100 PBX System	-	\$77.00
1 MITEL-100 PBX System	÷	\$77.00

K.2.3 Installation charges for Common Control Equipment, and Equipment Cable are made on the basis of cost.

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			PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY
Issued:	December 1, 1985	Effective:	January 1, 1986
issued:	December 1, 1905		Canuary 1, 1900

By:\_\_

GENERAL MANAGER

Highland Telephone Cooperative Incorporated

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PSC 2 Section L Contents

### CENTREX SERVICE

Reserved for Future Use

### PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PURSUANT TO 807 KAR 5011, SECTION 9(0) BY:

Highland Telephone Cooperative Incorporated

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PSC 2 Section M

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M.7	Dual Pa	arty Relay Service	7 OF KENTUCKY 7 EFFECTIVE	N)
			SEP 5 1991	
			PURSUANT TO 807 KAR 5:01 SECTION 9 (1)	1,
			BY:	1
Issu	ed :	8/6/91 Eff	ective:	

	PUBLIC SERVICE COMMISSION MANAGER
Issued: 8/6/91	Effective:
By: Xalph Il Pemberton	Title: General Manager
Ralph Pemberton Issued under Authority K.P.S.C.	No. 333 dated 6/27/91

PSC 2 Section M First Revised Sheet 2

M.1 Directory Assistance

M.1.1 General The Telephone Company furnished Directory Assistance Service whereby customers may request assistance in determining telephone numbers. \_

M.1.2 Rates (I) Calls to Directory Assistance, each.....\$.20

### M.1.3 Conditions

1. These rates apply when customers request Telephone Company assistance in determining telephone number of customers who are located in the same local service area or who are not located in the same local service area but who are located within that part of the State's Home Numbering Plan Area.

2. A customer is allowed five Directory Assistance Service calls per telecommunications network access line, per month or fraction thereof, at no charge.

3. Call allowances are not transferable between separate accounts of the same customer.

4. Charges for Directory Assistance Service are not applicable to calls placed from coin telephones, hospitals or hotels and motels to the Directory Assistance attendant or to the customer and, in the case of residence service, to the customer, his family and persons residing in the customer's household who affirm they are unable to use a Telephone Company provided directory because of a visual or Physica SERVICE COMMISSION OF KENTUCKY handicap. EFFECTIVE

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M.2 Off Premise Line

M.2.1 General

PURSUANT TO 807 KAR 5:011,
BY: Jordan (1) BY: Jordan ( neel
BY: Jordan C Ree

1. Any telephone located more than 150 feet from the premise where the telephone is located, and the Company is requested to provide a line, the telephone shall be considered off premise subject to charges in addition to a regular leased telephone.

November 20, 1984 Effective: November 20, 1984 Issued: Low General Manager Issued under authorizy K.P.S.C. No. 8997 dated November 20, 1984

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2. For the purposes of definition, off-premise line is any line extended off-premise by use of service wire or cable pair, but does not interconnect or "bridge" with other cable pairs in the central office.

M.2.2 Rates

1. Off Premise Extension

Mileage

\$1.50/1/4 mile

(I)

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M.2.3 Conditions

1. When provided on party-line, such stations are subject to removal by the Company whenever they interfere with the satisfactory operation of the line.

2. May be located on the premise of another customer and restricted to answering incoming calls only provided the other has his own separate service at the same location.

3. Business off-premise line may be provided at residence location of the same customer where residence main stations service is also provided.

4. Residence off-premise lines may be provided at a business location of the same customer where business main station service is also provided. PUBLIC SERV

PUBLIC SERVICE COMMISSION OF KENTUCKY

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5. Mileage charge will be based upon the route measurement mileage EFFECTIVE between locations of the telephones.

M.3 Joint User Service

M.3.1 General

PURSUANT TO 807 KAR 5:011. SECTION 9 (1 RY

Joint use of service permits a person, firm or corporation to share the use of telephone service provided to a business customer.

M.3.2 Rates

Monthly Rate

Joint User of Service

50% of applicable Business Rate

M.3.3 Conditions

1. Joint use of service will be furnished with the approval of the Company only with business individual line or PBX trunks.

Issued: November 20, 1984

Effective: November 20, 1984

By: General Manager Issued under authority K.P.S.C. No. 8997 dated November 20, 1984

Highland Telephone Cooperative Incorporated

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2. Joint use of service will be furnished to a customer who is in a business of a secretarial nature, or of renting, or leasing space to transient or permanent tenants.

3. The joint user must be located on the premises, or in the same office, or in the same suite of offices as the customer, or in an office adjacent to and directly accessible from the customer's office.

4. A joint user will be furnished one directory listing without a charge.

5. Applications for joint use of service shall be made by the customer.

6. The customer will be responsible for all charges incurred by the joint user.

7. Leased Telephones, additional listings and supplemental service may be furnished to the joint user at the regular rates when requested by the customer.

8. After the listing for the joint user has been included in the directory, joint use of service may not be discontinued during the life of the directory, except under the following conditions:

A. The customer's service is discontinued.

B. The joint user move from the premise where the customer's service is located.

C. The joint user establishes his own primary service on the same premises.

M.4 Rotary Line Service

M.4.1 General

Any individual lines arranged for rotary, level hunting or similar service which allows an incoming call to a line that is called to be completed over another line be means of central office equipment will be classed as rotary lines. Lines used as trunks to PBX are not classed as rotary lines. Rotary main service is restricted to a single premises.

M.4.2 Rates

PUBLIC SERVICE COMMISSION OF KENTUCKY

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By: top D.Z. KRY	_
Issued under authority K.P.S.C.	Nc

Issued: January 1, 1983

Effective: January 1, 1983 **PURSUANT TO 807 KAR 5:011, SECTION 9(1)** General Manager o dated January 1, 1983

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### M.5 Seasonal and Vacation Service

M.5.1 General

Seasonal and Vacation Service is basic local exchange service temporarily suspended at the request of the subscriber. This service is provided to customers in all the Company's exchanges, except key system, PBX and PABX customers.

M.5.2 Rates

1. The monthly rate will be based upon 50% of the customers total Local Exchange Service, including, but not limited to extensions, and directory listing. Service may be suspended for a minimum of 30 days and a maximum of 90 days.

2. Regular service charges will apply for the suspension and subsequent reconnection of service.

M.5.3 Conditions

Seasonal and vacation service will be furnished at the Company's discretion under the following conditions:

1. Service is available to all classes and grades of exchange service where the usage is of a seasonal nature.

2. During the period when the customer is billed at the reduced rate, no installation, moves, changes or maintenance will be provided by the Company.

M.6 Touchtone-Pushbutton Telephone Service

M.6.1 General

1. Pushbutton Telephone Service provides for the origination of telephone calls through the use of pushbutton in lieu of a rotary dial.

2. The service is furnished with all grades of central office lines. It may be furnished to either one or all subscribers on party lines.

3. Pushbutton and rotary dial instruments can both be used on a Subscriber line. PUBLIC SERVICE COMMISSION OF KENTUCKY

EFFECTIVE

MAR 3 0 1983 Effective: January 1, 1983 PURSUANT TO 807 KAR 5:011, SECTION 9 (1) General MEMager dated January 1, 1983

Highland Telephone Cooperative Incorporated

PSC 2 Section M Original Sheet 6

4. Pushbutton Telephone Service requires special central office equipment and will be provided only from central offices where facilities are available.

M.6.2 Rates	Installation Charge	Monthly Rate
1. Residence - per line	No Charge	\$.95
2. Business - per line	No Charge	\$.95

M.6.3 Conditions

1. The charges quoted herein are in addition to the regular monthly rates for the respective types of service as provided for elsewhere in this Tariff.

2. Service Connection Charges apply as set forth in Section D to changes from rotary to pushbutton calling.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PURSUANT TO SUA MAR STOLL SECTION/9/11 16-115-C Effective **≥1983** 

Issued: January 1, 1983

By: Issued under authority K.P 4s.c. NO

General Manager dated January 1, 1983

			PSC	2
Highland	Telephone	Cooperative	Section	М
Incorpora	ated	-	Original Sheet	7

M.7 Dual Party Relay Service (Kentucky Relay Service)

### M.7.1 Kentucky Relay Center

The Kentucky Relay Center permits hearing and speech impaired users of Telecommunications Devices for the Deaf (TDD) to communicate with users of ordinary telephones. Communications take place by relaying conversations (voice to TDD and TDD to voice). These calls are between one party who must communicate by means of a TDD and another who communicates by means of an ordinary telephone. Messages are rated from the rate center of the calling party to the rate center of the called party.

### M.7.2 Transmitting Messages

Where the Company transmits messages through the Kentucky Relay Center, the Company shall not be liable for errors in translating, transmitting, receiving, or delivering messages by telephone, TDD, or any other instrumentality over the facilities of the Company, connecting utilities or through the Kentucky Relay Center, in the absence of gross negligence or willful misconduct.

M.7.3 Kentucky Relay Center Restrictions (N)

The following calls may not be placed through (N) Α. the Kentucky Relay Center:

- Calls to 700, 976, and 900 numbers (N) 1.
- Calls to time or weather recorded messages (N) 2.
- 3. Calls to other information recordings (N)
- 4. Station sent paid calls from coin telephones (N)
- Operator handled conference serviges service (COMMISSIONN) 5. teleconference calls OF KENTUCKY EFFECTIVE

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Issued un	Ralph Pemberton der Authority K.P.S.C.	No.	333	dated	6/27/91

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	GENERAL	<b>SUBSCRIBER</b>	SERVICES	TARIFF
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Highland Telephone Cooperative	PSC 2
Incorporated	Part M
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M.7.4 General

The information contained in this section have been moved to PSC KY No. 2 Part II Section D.9.3. (C)

			PUBLIC SERVICE COMMISSION OF KENTUCKY
Issued:	May 8, 2009		Effective: June 1, 2009
By:	F. L. Terry	General Manag	er Dated: SECTION 9 (1)
	r. 1. iciiy		By By Been Executive Director

Highland Telephone Cooperative Incorporated

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MAR 3 0 1983

PURSUANT TO SO7 KAR 5:011, SECTION 9(1)

Effective: January / 148

By: <u>for</u> <u>General Manager</u> Issued under the authorizety K.P.S.C. No. \_\_\_\_ dated January 1, 1983

January 1, 1983

Issued;

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PUBLIC SERVICE COMMISSION

### PREFACE

Effective January 1, 1983, pursuant to the conditions imposed by the FCC's orders in Docket 20828, any customer premises equipment, as defined by the FCC, offered within this AUXILIARY EQUIPMENT Tariff shall be provided by the Company for use with new or existing service only so long as such equipment is available from Company inventory, except as otherwise permitted by the FCC and the Public Service Commission.

The Company shall continue to provide maintenance for Company provided customer premises equipment subject to the availability of replacement parts and equipment.

The use and provision of Company provided customer equipment remains subject to the regulations of filed tariffs.

MAR 3 0 1983	
PURSUANT TO 807 KAR SECTION 9 (1) BY:	5:011,
Issued:January 1, 1983Effective:January 1, 1983	
By: <u>for</u> <u>General Manager</u> Issued under the authority K.P.S.C. No. <u>dated January 1, 1983</u>	

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### AUXILIARY EQUIPMENT

Mc.1 Basic Standard Lease Instruments

Mc.1.1 Basic Standard Lease Instrument Rate is based on a standard rotary dial 500 type instrument in either the desk or wall model. This rate applies to main and extension instruments leased by the Cooperative. Other types of instruments, including those with a pushbutton or touch-tone dial are listed elsewhere in this Section Mc of the Tariff.

Mc.1.2 Charges for Basic Standard Lease Telephones, are in addition to Network Access Charges in Section "C" of this tariff.

Mc.1.3 Charges

Monthly Rates:	Business	Residence
Basic 500 Type	\$ 1.50	\$ 1.25

Mc.2. Trendline Phones

Mc.2.1 These telephones are non-standard rotary or tel-touch design line telephones.

Mc.2.2 Rates

Mc.2.3 The following charges are for a rotary dial instrument. Instruments with pushbutton dial will have other charges applied in this section of the tariff. OF KENTUCKY

EFFECTIVE

Monthly Rates:

Trendline

\$ 2.25

(I) NOV 20 1984

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Jandan Cheel

Mc.3 Pushbutton Dial-Single Line Instruments

Mc.3.1 A charge will apply for each main station or extension single line telephone equipped with pushbutton dial.

Mc.3.2 This charge will be in addition to any pushbutton line charges, extension charges, or special telephone charge.

Charges:	Monthly Charges
Issued: November 20, 1984	Effective: November 20, 1984
w. Athen	General Manager

By: General Manager Issued under authority K.P.S.C. No. 8997 dated November 20, 1984

PSC 2 Section Mc First Revised Sheet 4

Pushbutton Dial (each instrument).... \$ .50

Mc.4 Color Phones

Mc.4.1 Except for a Black Telephone, there will be a Monthly recurring charge for colors selected other than black

Mc.4.1 Monthly Recurring Charge NO CHARGE (R)

Mc.5 Weatherproof and Explosive Atmosphere Telephones

Mc.5.1 Weatherproof instruments consist of a metal enclosed Telephone set for outdoor or explosive atmosphere use and are furnished with all classes of service except Public and Semi-Public Service

Mc.5.2 Monthly Rates:

### \$10.00 (I)

Mc 6 Impaired Hearing Equipment

Mc.6.1 Attachment to telephone for hard of hearing equipped with a volume control to raise the incoming voice level

Mc.6.2 Monthly Rates:

\$ 2.25

PUBLIC SERVICE COMMISSION

Mc.6.3 The above charges are in addition to the regular monthly rate 0 / 98% for the instruments they are attached to.

Mc 7 Long Cords

November 20, 1984

Issued:

By:

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Souther Cherl

November 20, 1984

Mc.7.1 Long cords will be provided in locations where there is no evidence that service will contribute to undue abuse or damage to the equipment or cause interruptions to the service. The company may completely, at its option without incurring any liability, refuse to install extra length cords.

Mc.7.2 The company may, at its option, replace special long cords when worn or damaged and apply a charge equal to the current effective charges for special cords, or if requested by the customer, install a standard length cord replacing the special length cord for only the charge applicable to service connection charges found in Section D of the tariff.

General Manager

Effective:

Issued under authorizy K.P.S.C. No. 8997 dated November 20, 1984

PSC 2 Section Mc First Revised Sheet 5

Mc.7.3 The following charges will apply for special cords requested by the subscriber in addition to the normal service connection charges for instrumentalities in place. This is a one-time non-recurring charge.

Mc.7.4 Charges:

Cords Standard

10	foot	\$ 3.00
15	foot	\$ 3.50
25	foot	\$ 5.00

Mc.7.5 These charges apply only to standard single line telephones. Key telephones, PBX extensions, pay phones, etc., shall be quoted when a requirement is made known to the company.

Mc.7.6 A standard cord is defined as one which is most frequently assembled at the factory which is currently providing the most instruments of the company.

Mc.8 Signaling Equipment

Mc.8.1 Bells, Gongs, Chimes and Horns

Mc.8.1.1 Use and Conditions

Bells, gongs, electronic ringers, and other special or industrial signals are offered for the purpose of providing supplemental or audible signaling equipment in special or noisy location or at points apart from the location of the telephone. Extension bells, gongs, horns and electronic ringers may not be located more than 250 feet from the nearest telephone with which they are directly connected. Special signal devices and bells, gongs, and horns shall not be located in areas where they will interfere or disturb other persons in the area.

Mc.8.1.2 Monthly Rates:

Α.	Bell - ordinary type each\$	1.00	(I)
в.	Bell - loud ringing type each\$	1.25	
c.	Horns with relay (Commercial Pwr.)each\$	4.7 <b>₽</b> UBL	IC SERVICE COMMISSION
	Chimes each\$		OF KENIDCKY
			EFFECTIVE

NOV 20 1984

PURSUANT TO 807 KAR 5:011, SECTION 9(1) pidan BY: November 20, 1984 Issued: November 20, 1984 Effective: General Manager

By: <u>Uf Clump</u> Issued under authority K.P.S.C. No. <u>8997</u> dated November 20, 1984

# Original Sheet 6

### Mc.9 Jacks and Plugs

Mc.9.1 Jack and plug equipment may be provided in connection with all classes of service except semi-public and public service. Such installations shall be restricted, however, in connection with any single line instrument to such locations and number as will not, in the opinion of the company, adversely affect the service.

Mc.9.2 Where off-premise line mileage would apply if a permanently located instrument were installed at the location of the jack, then off-premise line mileage shall apply to the circuit connecting such jack to main station or private branch exchange switchboard.

Mc.9.3 Where service is re-established to "left-in" jack equipment, no charge shall be made for such re-establishment if all jacks are in place and in good repair. The installation charges below shall apply for such jacks as must be replaced or rewired.

Mc.9.4 Subject to equipment limitations, one bell will be provided with each portable telephone set without additional charge.

Mc.9.5 Rates and charges for jack and plug equipment are as follows:

Mc.9.6 One Time Non-recurring Charge per Jack installed: \$ 5.00

1983

January 1,

Issued

Mc.9.7 Portable telephone set equipped with plugs are provided subject to established rates for business and residence main, extension or private branch exchange stations, as applicable.

> PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

> > MAR 3 0 1983

PURSUANT TO 807 KAR 5:011, SECTION 9(1)

Effective: January 1, 1983

General Manager K.P.S.C. No.\_\_\_\_ dated January 1, 1983 Issued under the authoria

Highland Telephone Cooperative Incorporated

PSC 2 Section N First Revised Sheet 1

	CONNECTION WITH CERTAIN FACILITIES AND/OR EQUIPMENT	OF OTHERS	
	Contents	Sheet No.	
N.1	Regulations	2	
N.2	Network Protection Criteria	3	
N.3	Customer-Provided Communications Systems	5	
N.4	Entrance Facilities	5	
N.5	Connection of Customer-Provided Communications Systems with Instrumentalities furnished by the Company	6	
N.6	Maintenance Service Charge	6	
N.7	Customer Owned Coin Operated Telephone	6-6A (N)	
N.8	Shared Tenant Service	7-10 (N')	

CONNECTION WITH CERTAIN FACILITIES AND/OR EQUIPMENT OF OTHERS

Section N Original Sheet 2

### N.1 Regulations

Customer-provided communications systems may be used with the facilities furnished by the Company for telecommunications services as provided in this tariff. In all such cases the customer-provided communications systems will be constructed, maintained and operated as to work satisfactorily with the facilities of the Company, and to meet all published standards of the Federal Communications Commission (FCC).

Subscribers may not disconnect or remove or permit others to disconnect or remove any apparatus installed by the Company, except upon the consent of the Company.

Where telecommunications service is available under this tariff for use connection with customer-provided communications systems, the operating characteristics of such equipment or system shall be such as not to interfere with any of the service offered by the Company. Such use is subject to with any of the service offered by the Company. Such use is subject to the further provision that the customer-provided equipment or system does not endanger the safety of Company employees or the public; damage, require change in or alteration of, the equipment or other facilities of the Company; interfere with the proper functioning of such equipment or facilities; impair the operation of the Company's service. Upon notice from the Company that the customer-provided equipment or system is causing or is likely to cause such hazard to interference, the customer shall make such change as shall be necessary to remove or prevent such hazard or interference. The customer shall be responsible for the payment of Company charge in Section D, "Maintenance of Service Charge," for visits by the Company to the customer's premises where a service difficulty or trouble report results from customer-provided equipment or system.

The Company shall not be responsible for the installation, operation or maintenance of any customer-provided communications systems. Telecommunications service is not represented as adapted to the use of customer-provided equipment or systems and where such are connected to the Company facilities the responsibility for telecommunications service and to the maintenance and operation of such facilities in a manner proper for such telecommunications service; subject to this responsibility, the Company shall not be responsible to this through transmission of signals generated by the customer of the customer of the equipment or systems or for the quality of, or defects is the transmission, or (2) the reception of signals by customer-provided equipment or system.

MAR 3 0 1983

PURSUANT TO 807 KAR 5:011.

 $\begin{array}{c} \text{SECTION 9} \\ \text{January } \mathcal{J}_{\mu} \mathcal{J}_{983}^{(1)} \end{array}$ 

Issued: January 1, 1983 By:-Iss hed under authority

General Manager

**#.**P.S.C. No \_\_\_\_\_ dated January 1, 1983

Effective:

Highland Telephone Cooperative Incorporated

PSC 2 Section N Original Sheet 3

The Company shall not be responsible to the customer if changes in the criteria outlined herein or in any of the facilities, or procedures of the Company render any customer-provided equipment or communications systems inoperable or otherwise affect its use or performance.

The Company will not be responsible for any loss or damage, nor for any impairment or failure of the service, alsing from or connection with the use of facilities of customers and not caused solely by the negligence of the Company.

Where any customer-provided equipment or system is used with telecommunications service in violation of any of the provisions in this tariff, the Company will take such immediate action as necessary for the protection of its services, and will promptly notify the customer of the violation. The customer shall discontinue such use of the equipment or system or correct the violation and shall confirm in writing to the Company within 10 days, following the receipt of written notice from the Company, that such has ceased or that the violation has been corrected. Failure of the customer to discontinue such use or to correct the violation and to give the required written confirmation to the Company within the time stated above shall result in termination of the customer's service.

Customer-provided systems which serve a location which the Company considers impracticable to serve because of hazard of inaccessibility may be connected with telecommunications service by means of connecting equipment furnished by the Company.

The customer indemnifies and saves the Company harmless against claims for infringements of patents rising from combining such equipment or system with, or using it in connection with, facilities of the Company; and against all other claims arising out of any act or omissions of the customer in connection with facilities provided by the Company.

No equipment, apparatus, circuit or device not furnished by the Company shall be attached to or connected with the facilities furnished by the Company, except as provided in this Tariff. In case unauthorized attachments or connections are made, the Company shall have the right to remove or disconnect the same; or to suspend the service during the continuance of said attachments or connection; or to terminate service.

### N.2 Network Protection Criteria

### PUBLIC SERVICE COMMISSION OF KENTUCKY

To protect the telecommunications network and the services furnis the general public by the Company from harmful effects, the signal from the customer-provided communications system to the long MAR CARDONS

Issued: January 1, 1983

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By:

PURSUANT TO 807 KAR 5:011. Effective: Januar Equipsed1) PY:\_

General Manager Issued under authority K.P.S.C. No \_\_\_\_\_ dated January 1, 1983

Highland Telephone Cooperative Incorporated Section N Original Sheet 4

PSC 2

message telecommunications network must comply with the following minimum network protection criteria;

1. Where the customer-provided communications system is connected, the customer-provided communications systems must comply with the following criteria:

A. To prevent excessive noise and crosstalk in the network it is necessary that the power of the signal at the central office not exceed 12 db below one milliwatt when averaged over any three second interval. To permit each customer, independent of distance from the central office, to supply signal power which approximates the 12 db below one milliwatt limit at the central office, the power of the signal which may be applied by the customer-provided equipment located on the customer's premises will be specified for each customer's location, but in no case shall it exceed one milliwatt.

B. To protect other services it is necessary that the signal which is applied by the customer-provided equipment located on the customer's premises meets the following limits:

a. The power in the band from 3,995 Hertz to 4,005 Hertz shall be at least 18 db below the power of the signal as specified in N.2.1.1.

b. The power in the band from 4,000 Hertz to 10,000 Hertz shall not exceed 16 db below one milliwatt.

c. The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24 db below one milliwatt.

d. The power in the band from 25,000 Hertz to 40,000 Hertz shall not exceed 24 db below one milliwatt.

e. The power in the band above 40,000 Hertz shall not exceed 50 db below one milliwatt.

C. To prevent the interruption or disconnection of a call, or interference with network control signaling, it is necessary that the signal applied by the customer-provided equipment located on the customer's premises at no time has energy solely in the 2450 to 2750 Hertz bank, it must be exceed the power present at the same time in 800 to 2450 Hertz band.

PUBLIC SERVICE COMMISSION

2. Where the customer-provided communications system is connectentucky customer-provided communication system must comply with the ESECUYAG criteria:

MAR 3 0 1983

PURSUANT TO 807 KAR 5:011.

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By: <u>for</u> <u>J. <u>for</u> <u>J.</u> Issued under authority K.P.S.C. No</u> Effective: January TION 1999 PY:\_\_\_\_\_ General Manager

dated January 1, 1983

Highland Telephone Cooperative Incorporated

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A. To prevent excessive noise and crosstalk in the network it is necessary that the power of the signal which is applied by the customer-provided equipment located on the customer' premises be limited so that the signal power at the output of the network control signaling unit (i.e., at the input of the Company line) does not exceed 9 db below one milliwatt when averaged over any three second interval.

B. To protect other services it is necessary that the signal which is applied by the customer-provided equipment located on the customer's premises meet the following limits at the output of the network control signaling unit (i.e., at the input to the Company line):

a. The power in the band from 3,995 Hertz to 4,0005 Hertz shall be at least 18 db below the power of the signal as specified above in N.2.2.1.

b. The power in the band from 4,000 Hertz to 10,000 Hertz shall not exceed 16 db below one milliwatt.

c. The power in the band form 10,000 Hertz to 25,000 Hertz shall not exceed 24 db below one milliwatt.

d. The power in the band from 25,000 Hertz to 40,000 Hertz shall not exceed 36 db below one milliwatt.

e. The power in the band above 40,000 Hertz shall not exceed 50 db below one milliwatt.

C. To prevent the interruption or disconnection of a call, it is necessary that the signal applied by the customer-provided equipment located on the customer's premises be limited so that the signal at the input to the Company line shall at no time have energy solely in the 2450 to 2750 Hertz band. If there is signal power in the 2450 to 2750 band, it must not exceed that power present at the same time in the 800 to 2450 Hertz band.

N.3 Customer-Provided Communications Systems

Customer-provided systems may be connected, at a service point of the customer, on a voice grade basis with telecommunications service furnished by the Company, through customer-provided equipment which affects such connections externally to the a Company by means of physical connection for transmitting and/or receiving The Customer-provided system shall comply with the minimum of KENTUCKY protection criteria contained in N.2.2 and N.2.3.

N.4 Entrance Facilities

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Issued: January 1, 1983	Effective: January 1983
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	PY:
By: for D. L. Jerry	General Manager
Issued under authority K.P.S.C. No	dated January 1, 1983
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Highland Telephone Cooperative Incorporated

PSC 2 Section N First Revised Sheet 6

All connections of entrance facilities to customer-provided communication systems shall be made through connecting arrangements approved by the Company. Customer, by use of their own equipment, but only within the normal transmission characteristics of the grade of channel ordered, may not create additional channels from the channels provided for entrance facilities. The charges for entrance facilities and the connecting arrangements will be based on cost as specified in the Tariffs of the Company.

N.5 Connection of Customer-Provided Communications Systems with Instrumentalities Furnished by the Company.

The Company doel not provide instrumentalities solely for use on customerprovided communications systems.

N.6 Maintenance Service Charge

The customer shall be responsible for the payment of the charges indicated in Section D "Maintenance of Service Charge," for visits by the Company to the customer's premises where a service difficulty or trouble report results from customer-provided equipment or facilities.

N.7 Customer-owned coin operated telephones may be connected to a company provided access line subject to condition of all applicable regulations in this tariff.

- A. Access line service will be provided on B-1 flat rate basis listed in "C" section of this tariff.
  - 1. The subscriber shall be responsible for all charges pertaining to service connection listed in section "D" of this tariff.
  - 2. The company is not responsible for refunds of coins deposited in customer owned coin operated telphones.
  - 3. The subscriber to this service is responsible for any and all toll charges billed to the subscribers account.
  - 4. Touch Tone service may be provided for this access line pursuant to term and conditions elsewhere in tariff.
  - 5. The subscriber is responsible for Directory assistance shares commission equivalent to those billed on business access line service responsive of the service response of the service reservice res

Effective: December 31,

B. The instrument must display information on the name, address, and telephone number of the person or entity responsible for pay phone wheness callers can obtain assistance when problems occur pertaining to service and obtaining refunds.

Issued: December 31, 1986

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GENERAL MANAGER

nighland Telephone Cooperative Incorporated

PSC 2 Section N 1<sup>st</sup> Revised Sheet 6-A

1. The subscriber shall insure that the instrument is in accordance with all hearing impaired and handicapped person requirements.

2. The caller must be able to access emergency numbers and services under the same term and conditions as those required of Customer Provided or (T) Payphone Service Provider Public Telephone.

3. The operator cannot perform coin collecting functions or return coins.

C. Optional Service Features

1. Central Office Blocking and Operator Screening

These features are offered to provide, at the customers option, a choice of restrictions. These features are offered subject to the availability of facilities.

Option A - Provides screening information to the operator to prevent operator assisted sent-paid calls from being billed to the line.

ption B - Provides Central Office Blocking of 1+ calling.

Rates for Optional Service Features are as follows:

	Monthly Rate
Option	Per Line
A	\$2.00
В	2.00

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

APR 15 1997

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Orden C. Neel

FOR THE PUBLIC SERVICE COMMISSION

Issued: March 14, 1997

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By:

Effective: April 15, 1997

General Manager

PSC 2 Section N Original Sheet 7

# N.8 Shared Tenant Service Offerings

- A. General
  - 1. In general, Basic Local Exchange Service is furnished for the exclusive use of the subscriber, and the subscriber's family, guests, employees, agents, or representatives. Resale of Basic Local Exchange Service is permitted only under the specific conditions described in this tariff. For the purpose of this Tariff section, "sharing" of Basic Local Exchange Service is considered synonymous with "resale" of Basic Local Exchange Service.
  - 2. When in the judgment of the Company it is deemed necessary or when the projected number of clients is five or more, the customer must apply in writing to resell exchange services provided by the Company and may be required to submit layout maps defining the intended geographic resale area and anticipated development plan in terms of new or existing buildings.

All rates and charges in connection with the resale operation and all repairs and rearrangements behind and including the reseller's communication system will be the responsibility of the resellers (customer of record) owner. The reseller will be the single point of contact for all shared tenant services provided in the resale service area. Customers who choose to obtain service directly from the Company may subscribe to any local exchange service available.

Nothing in this Tariff section impairs the Company's franchise or ability to operate in the state. This Tariff is not intended, nor does it, enfranchise or certify the recipients of this service as a telecommunications company.

3. Resale is permitted where facilities permit and within the confines of specifically identified continuous property areas under the control of a single owner or within a common development with a single name identity, such as multi-

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Effective: December 31, 1986

Issued: December 31, 1986

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Highland Telephone Cooperative Incorporated

PSC 2 Section N Original Sheet 8

# N.8 Shared Tenant Service Offerings

- A. General (Continued)
  - 3. tenant office buildings, apartment complexes, condominium complexes, commercial malls, campus complexes, and office and industrial parks. Areas designated for resale may be intersected or transversed by public thoroughfares provided that the adjacent property segments created by intersecting or transversing thoroughfares would be contiguous in the absence of the thoroughfare. If the designated resale service area is located within the confines of more than one exchange boundary, the serving central office will be determined by the Company. A resale area may be served by only one central office.
  - 4. The premises definition as applies to resale of Basic Local Exchange Service is a resale area as defined by layout maps if appropriate.
  - 5. Private line services may be provided to tenants of resellers under the rules and regulations specified in this tariff and the Private Line Services Tariff. Resellers may obtain private lines for security purposes such as fire, burglary, etc.
  - 6. Private interconnection of resale service areas within an exchange local calling area and LATA is prohibited. The Lines are restricted to the private use of a single resale client and cannot be used to access Local Exchange Service via Sharing and Resale trunks or lines.
  - 7. All other rules and regulations specified in other sections of this Tariff will apply.

### B. Regulations and Application of Rates

- 1. Resale of Basic Local Exchange Service is available on a business flat rate basis. Other business services will be provided at the rates specified in other sections of this Tariff.
- 2. The client of the reseller is definied as a different business, firm, corporation, company, subsidiary, association, associate or a residence. Listings for Shared Tenant Service Clients may be obtained under the conditions and rates specified (in AMASSION this Tariff. Charges for Listings will not be separately of billed.
- 3. The service establishment charge shown in N8C (1) applies for all resale service applications processed under this Tariff and is in addition to all other applicable <u>poprecurning</u> and <u>account</u> recurring charges.

Issued: December 31, 1986

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Effective: December 31, 1986

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GENERAL MANAGER
Highland Telephone Cooperative Incorporated

PSC 2 Section N Original Sheet 9

### N.8 Shared Tenant Service Offerings

B. Regulations and Application of Rates (Continued)

- 4. Whether the tenants included in a resale service area are residence or business, such tenants may be served by the reseller and the same business rates specified in this and other Tariffs will apply to the reseller.
- 5. The minimum period of service is 36 months with a Service Cancellation Fee (SCF) applicable at the date of termination based on the exchange rates in effect. The Service Cancellation Fee is reduced by 1/36 per month and will be an amount equal to the business rates being billed at the time of termination. A nine month notice is required prior to termination of service by the reseller. If a nine month notice is not received, the reseller will be required to continue to provide access service until the Company can continue to provide individual access facilities. But in no case will this requirement extent beyond the nine months from the date the notice of termination is received.
- 6. When a subscriber located within the designated resale service area wishes to be directly served by the Company on a non-resale basis, or when Highland or customer provided Coin Telephone Service is to be provided in the resale service area, the owner/ developer will bear the responsibility for and cost of providing premises access for such services. The owner/developer will make either cable pairs or their equivalents available, or provide facility support (conduit or poles) access to the Company at no charge for provision of these services.
- 7. The Company will provide facilities to the first point (demarcation/network interface) on the resellers's premises which, in the judgment of the Company is suitable for the location of a network interface. The most economical route from existing network distribution facilities will generally determine the approach used in establishing the point-of-demarcation. The customer may designate an alternate approach route for entrance facilities at additional construction charges as specified in this Tariff. The company will extend the point-of-demarcation to any point designated by the reseller inside his premises at the charges specified in this Tariff. Route selection and location of point-of-demarcation must be in compliance with regulations set forth in other sections of this Tariff and F.C.C. Part 68.
- 8. All usual and applicable Service Charges and Installation Charges as appropriate indicated in this and other Tariffs apply to the activiation, move or change of lines within the sharing and resale offering.

Issued: December 31, 1986

Effective: December 31, 1986

GENERAL MANAGER ΒY

Highland Telephone Cooperative Incorporated

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- N.8 Shared Tenant Service Offerings
  - B. Regulations and Application of Rates (Continued)
    - 9. Suspension of service as described in this Tariff is not applicable to this service.
    - 10. Transfer of service responsibility between resellers is permitted and will not change the initial service establishment date used to calculate the SCF identified in this section.
    - C. Rates
      - Service connection charges will be those listed in Section "D" of this tariff.

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Effective: December 31, 1986

Issued: December 31, 1986

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Highland Telephone Cooperative Incorporated

PSC 2 Section O Original Sheet 1

### DATA SERVICE

	Contents	Sheet No.
0.1	Concurrence	2
0.2	Exceptions	2

PUBLIC SERVICE COMMISSION OF KENTUCKY **EFFECTIVE** 

MAR 3 0 1983

January ISECTION (1)

January 1, 1983 Issued:

By: Issued under authority K.P.S.C. No

General Manager \_ dated January 1, 1983

PY:

Effective:

Highland Telephone Cooperative Incorporated PSC 2 Section 0 Original Sheet 2

#### DATA SERVICE

#### 0.1 Concurrence

Highland Telephone Cooperative, Inc., hereinafter called the concurring utility, assents to, adopts and concurs in the Data Transmitting and Receiving Equipment Tariff, filed with the Kentucky Public Service Commission by South Central Bell Telephone Company, hereafter called the issuing utility, as such Tariff now exists, or as it may be revised, added to or supplemented by superseding sheets or issues, for data services furnished by the issuing utility and concurring utility, and hereby makes itself a party therto and obligates itself to observe each and every provision thereof.

0.2 Exceptions

Issued:

Minimum service period for Data Service is twelve months. Customers of this Company or those of other connecting customer will be required to enter into a termination agreement with this Company, covering cost of establishing service for the minimum service period. Terminating Agreement must be signed and in the possession of the Company before service will be established.

		PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE
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		PURSUANT TO 807 KAR 5:011, SECTION 9 (1)
January 1, 1983	Effective:	Jar <b>Ru</b> ry 1. 1983/D
nder authority K.P.S.C. No	General Man dated January 1	ager , 1983

Highland Telephone Cooperative Incorporated

PSC 2 Section P First Revised Sheet 1

RESERVED FOR FUTURE USE

Contents

Sheet No. 2

P.1 Concurrence

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PURSUANT TO 207 KAR 5:011 M. g. Seoghegan

Issued: June 1, 1985

Effective: June 1, 1985

By: General Manager Issued under authority K.P.S.C. No. \_\_\_\_\_ dated June 1, 1985

Highland Telephone Cooperative Incorporated

PSC 2 Section P Original Sheet 2

### INTRASTATE ACCESS SERVICES

#### P.1 Concurrence

Highland Telephone Cooperative, Inc. concurs with Duo County Telephone Cooperative Intrastate Access Services as filed with the Commission. Highland Telephone Cooperative, Inc. hereby reserves the right to cancel this statement of concurrence at any time when it appears that such cancellation is in the best interest of Highland Telephone Cooperative, Inc. subject to the jurisdiction of the Kentucky Public Service Commission as it applies.

> PUBLIC SERVICE COMMISSION OF KENTUSKY EFFECTIVE

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Issued: June 1, 1985

General Manager By: K.P.S.C. No Issued under author

Effective: June 1, 1985

dated June 1, 1985

Highland Telephone Cooperative Incorporated

Section Q Original Sheet 1

## LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

Contents

### Sheet No.

Q.1 Concurrence

2

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PURSHANTITO1903 KAR 5:011, SECTION 9,1) Issued: January 1, 1983 Effective: PY: General Manager By: Issued under dated January 1, 1983 authority K.P.S.C. No

#### Section Q Original Sheet 2

### LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

#### Q.1 Concurrence

Incorporated

Highland Telephone Cooperative Inc., concurs in the standard toll rates, rules and regulations governing such communications as filed by the South Central Bell Telephone Company, together with any amendments or successive issues thereof and makes itself a party to such rates and charges until this concurrence is revoked or cancelled by either party. Highland Telephone Cooperative Inc., hereby expressly reserves the right to cancel this statement of concurrence at any time when it appears that cancellation is in the best interest of Highland Telephone such Cooperative Inc., subject to the jurisdiction of the Kentucky Public Service Commission as it applies.

PUBLIC	SERVICE COMMISSION
	OF KENTUCKY
	EFFECTIVE

MAR 3 0 1983

Issued: January 1, 1983 Effective: PURSUARY 10, 80786AR 5:011 SECTION 9 (1) BY: General Manager Issued under author/ity KP.S.C. No dated January 1, 1983

Highland Telephone Cooperative Incorporated

PSC 2 Section R Original Sheet 1

## WIDE AREA TELEPHONE SERVICE

#### Contents

Sheet No.

R.1 Concurrence

2

	PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE
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	PURSUANT TO 807 KAR SOUL
Issued: January 1, 1983	Effective: January 1, 91993
By: OR J. J. Jerry Issued under authority K.P.S.C. No	General Manager dated January 1, 1983

GENERAL SUBSCRIBER SERVICES TARIFF Highland Telephone Cooperative Incorporated

Section R Original Sheet 2

PSC 2

#### R.1 Concurrence

Highland Telephone Cooperative Inc., hereinafter called the concurring utility, except as specifically stated herein, assents to, adopts and concurs in the Wide Area Telephone Service Tariff, filed with the Kentucky Public Service Commission by the South Central Bell Telephone Company, hereinafter called the issuing utility, as such Tariff now exists, or as it may be revised, added to or supplemented by superseding sheets or issues, for Wide Area Telephone Service furnished by the issuing utility, and the concurring utility (including such service as are also participated in by one or more other utilities), and hereby makes itself a party thereto, and obligates itself to observe each and every provision thereof.

> PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

> > MAR 3 0 1983

Issued: January 1, 1983

By: Issued under authoraty K.P.S.C. No

Effective: 110 19093 KAR 5:011. SECTION 9(1) BY General Manager dated January 1, 1983

Highland Telephone Cooperative Incorporated	PSC 2 Section S First Revised Sheet 1

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PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PURSUANT TO 807 KAR 5.011, SECTION 9 (1) BY: Queden C. Neel FOR THE PUBLIC SERVICE COMMISSION

October 1, 1995 Effective:

By:	72	12

Issued:

September 23, 1995

9/22/95 \_General Manager Dated:\_\_

## Highland Telephone Cooperative Incorporated

PSC 2 Section S First Revised Sheet 2

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### S.1 General

1. Call Waiting

Provides the user, busy on a call, with a private signal which alerts him to an unanswered call waiting to be completed to his number. The user may, then, hold the existing call, answer the incoming call and alternately talk to both calls until one has been terminated.

### 2. Call Forwarding

Provides for transferring incoming calls to another telephone number by dialing a code and the telephone number of the service to which calls are to be transferred. Satisfactory transmission levels cannot be assured on calls forwarded outside of the local calling area.

3. Three-Way Calling

Permits an existing call to be held, and by dialing, a second telephone call can be established and added to the connection. Two toll points may be connected on a Three-Way Calling. Normal transmission performance cannot be assured on all calls.

4. Speed Calling

Provides for the calling of a seven or ten digit telephone number by dialing an abbreviated code. The arrangement available has an eight (8-code) and thirty (30-code) number capacity.

5. Cancel Call Waiting

Allows subscribers to prevent, on a per-call basis, any incoming calls from Call Waiting on their line. Incoming calls to the station receive busy treatment. This feature ensures that Call Waiting indication tones do not interrupt important calls or disrupt data transmissions.

6. Teen Line

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Allows two telephone numbers to be assigned to a single-party line. Each telephone number is assigned a unique ringing pattern so the called party can determine the nature of the call.

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PURSUANT TO 807 KAR 5:011, SECTION 9(1) Jorden C. neel **BY**<sup>⋅</sup>

FOR THE PUBLIC SERVICE COMMISSION Effective: October 1, 1995

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Highland Telephone Cooperative Incorporated

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PUBLIC SERVICE COMMISSION OF KENTUCKY

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PSC 2 Section S Original Sheet 2.1

7. Anonymous Call Rejection

PURSUANT TO 807 KAR 5.011, SECTION 9 (1) BY: Oorden C. Neel

This feature allows subscribers with or without cader dentification constrained to reject calls for which calling name/number display information has been intentionally blocked. Only calls for which the information has been blocked are rejected. Rejected calls are sent to an operating company announcement.

8. Automatic Call Back

Automatic Call Back (ACB) is an outgoing call management feature that allows subscribers to have the DMS-10 system redial the last number called from their station. This applies regardless of whether the original call was answered, unanswered, or encountered a busy tone. The system monitors the calling and called lines and attempts to connect the call for up to thirty minutes. The activation of this feature can be canceled by the customer when desired.

9. Automatic Recall

Automatic Recall (AR) is an incoming call management feature that allows subscribers to have call setup performed automatically to the calling party of the last incoming call. This applies whether the incoming call was answered or unanswered. Two-level feature activation applies to Automatic Recall and allows subscribers to hear the directory number of the last incoming call prior to deciding whether or not to recall that number.

10. Caller ID

This feature enables the customer to view on a display unit the Directory Number and Names on incoming telephone calls. When Caller ID is activated on a customer's line, the Directory Numbers and Names of incoming calls are displayed on the called CPE during the first long silent period of the ringing cycle. Any customer subscribing to Caller ID will be responsible for the providing of a display device which will be located on the customer's premises. The installation, repair and technical capability of that equipment to function in conjunction with the feature specified herein will be the responsibility of the customer. The Company assumes no liability and will be held harmless for any incompatibility of this equipment to perform satisfactorily with the network features described herein. If the incoming call originates from a multi-line group, the telephone number transmitted will always be the main number of the hunt group unless the calling number is Telephone Number (TN) identified within the group. Caller ID is not available on operator-handled calls.

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### 11. Caller ID Blocking

A. Caller ID Blocking-Per Call

This feature allows a customer to prevent their telephone number and name, on a per-call basis, from being seen by someone with Caller ID service or from being announced to someone with Call Return or Call Screening service. When the feature is activated before a call, a private status message will be sent instead of the number. The feature will be available without presubscription and at no charge.

### B. Caller ID Blocking-Per Line

This feature allows a customer to make all calls with the delivery of their calling number and name marked as "private". The feature is applicable on all outgoing calls placed from the customer's line; however, if the preassigned activation code for Caller ID Blocking-Per Call is dialed on the line, the calling number may be delivered. The service is only available upon request to the following entities and their employees/volunteers, for lines over which the official business of the agency is conducted including those at the residences of employees/volunteers where the head of the agency certifies to the Telephone Company management a need for blocking upon health and safety concerns: (a) Non-profit, tax exempt, private and public social welfare agencies, (b) federal, state and local law enforcement agencies.

### 12. Customer-Originated Trace

Customer-Originated Trace (COT) allows subscribers to initiate a trace on the last incoming call by dialing an activation code. The call is traced automatically, and the printout of the originating dialed number and the time the call was made is forwarded to a predetermined location, not to the subscriber. The subscriber then contacts the telephone company or law enforcement agency to determine further action.

13. Distinctive Call Waiting Tones

Permits a called station to determine whether an incoming waiting call is external or internal to the customer group by providing different tone cadences for the two situations.

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#### 14. Distinctive Ringing

Distinctive Ringing produces a different ringing cadence for intragroup and DID calls that terminate to a line within a customer group.

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Highland Telephone Cooperative Incorporated

PSC 2 Section S Original Sheet 2.3

### 15. Selective Call Acceptance

Selective Call Acceptance (SCA) allows subscribers to define a list of calling directory numbers that will be accepted. Any calling numbers not on that list are routed to announcements and rejected. The calling party not on the acceptance list receives an announcement stating that the call is not presently being accepted by the called party. Subscribers can review and change the list of accepted directory numbers as desired.

### 16. Selective Call Forwarding

Selective Call Forwarding (SCF) allows subscribers to have certain terminating calls forwarded to a designated remote directory number. This activity occurs whenever a call is received from a directory number which has been indicated on a list of numbers - referred to as the SCF screening list. Terminating calls from telephone numbers which cannot be identified, or which have not been indicated on the list, are given standard terminating treatment.

### 17. Selective Call Rejection

Selective Call Rejection (SCR) allows subscribers to define a list of calling directory numbers to be screened. Any calling numbers on this list are routed to announcements and rejected. All other calls are treated normally. The calling party on the rejection list receives an announcement stating the call is not presently being accepted by the called party.

### 18. Warm Line

Gives the subscriber thirty seconds after going off-hook to dial a number before it automatically dials a predesignated number. This allows the subscriber to use the telephone normally, but to go to a designated number simply by staying off-hook. This may be important, for example, for immediate access to emergency numbers in the case of sick or elderly individuals needing help but unable to dial a telephone number.

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PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: <u>Querters</u> C. Neel FOR THE PUBLIC SERVICE COMMISSION

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By:\_\_\_\_\_

General Manager Dated: 9/22

	PSC 2
Highland Telephone Cooperative	Section S
Incorporated	Original Sheet 2.4

S.2 Provision of Service

1. The services are limited to those areas served by central offices arranged for Custom-Calling Services.

2. The services are furnished only in connection with individual line service. The service is not available in connection with private branch exchange, coin telephone service and some special types of station instrumentation.

3. Calling Services are available to all residences and business customers who have rotary dial or (N) touchtone service.

4. Operator-assisted calls are designed to override the feature calls for emergency purposes.

- 5. Caller ID Blocking-Per Call is available upon request at no charge.
- 6. Caller ID Blocking-Per Line is available upon request at no charge.

7. All Customers will be informed semi-annually of the availability of free per-call blocking.

8. The Company will deliver all numbers and names, subject to technical limitations, including telephone numbers and names associated with Non-Published Listing Service.

9. The Company shall not be liable to any person for damages of any nature or kind arising out of, or resulting from, or in connection with the provision of these services, including without limitation, the delivery or non-delivery of calling numbers.

10. Telephone numbers transmitted via Caller ID are intended solely for the use of the Caller ID subscriber. Resale of this information is prohibited by this tariff.

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PURSUANT TO 807 KAR 5.011, SECTION 9 (1) BY: <u>Ander C. Tul</u> FOR THE PUBLIC SERVICE COMMISSION

October 1, 1995

Issued: September 23, 1995

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By:\_

General Manager Dated: <u>9/22/95</u>

Effective:

Highland Telephone Cooperative Incorporated		PSC 2 Section S First Revised Sheet 3	
S.3			
1. Available Features:			
Call Waiting	2.50	(R)	
Call Forwarding	2.50		
Three-Way Calling	2.50		
Speed Calling (8-Code)	2.50		
Speed Calling (30-Code)	4.50		
All above features with 8-Code Speed Calling	7.00		
All above features with 30-Code Speed Calling	9.00	(R)	
Cancel Call Waiting Res.	1.00	(N)	
Cancel Call Waiting Bus.	1.50		
Teen Line	2.25		
Anonymous Call Rejection Res.	3.00		
Anonymous Call Rejection Bus.	3.50		
Automatic Call Back Res.	3.00		
Automatic Call Back Bus.	4.00		
Automatic Recall Res.	3.50		
Automatic Recall Bus.	4.00		
Caller ID Res.	6.00		
Caller ID Bus.	7.50		
Caller ID Blocking Per Call	.00		
Caller ID Blocking Per Line	.00		
Customer Originated Trace Per Call Res.	3.00		
Customer Originated Trace Per Call Bus.	3.00		
Customer Originated Trace Monthly Res.	6.00		
Customer Originated Trace Monthly Bus.	6.00		
Distinctive Call Waiting Res.	3.50	PUDLIC OFFICIE OFFICIE	
Distinctive Call Waiting Bus.	5.00	PUBLIC SERVICE COMMISSION OF KENTUCKY	
Distinctive Ring Res.	3.00	EFFECTIVE	
Distinctive Ring Bus.	5.00		
Selective Call Acceptance Res.	2.50		
Selective Call Acceptance Bus.	3.00	OCT 01 1995	
Selective Call Forwarding Res.	2.50	PURSUANT TO 807 KAR 5:011.	
Selective Call Forwarding Bus.	4.00	SECTION 9 (1)	
Selective Call Rejection Res.	3.00	BY: and C. Keel	
Selective Call Rejection Bus.	3.50	FOR THE PUBLIC SERVICE COMMISSION	
Warm Line	1.50	(N)	
Issued: September 23, 1995		Effective: October 1, 1995	

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General Manager Dated: <u>9/22/95</u> \_\_\_\_\_

# HIGHLAND TELEPHONE COOPERATIVE, INC.

#### PSC 2 SECTION S ORIGINAL SHEET 4

#### MISCELLANEOUS SERVICES AND EQUIPMENT

#### VOICE MAIL SERVICE

#### GENERAL

Voice Mail Service (VMS) is a central office based service which provides customers with the (N) capability to receive, send, store, and retrieve voice messages over the telephone network. This service is offered from central offices where Simplified Message Desk Interface II (SMDI II) Service and VMS facilities are available.

Voice Mail Service (VMS) answers incoming calls placed to the customer's telephone line, when the called number is busy and/or if the called number does not answer. The service will greet incoming callers with a personal or a company-provided greeting. It then receives and saves the caller's messages for review by the customer. Customers can retrieve messages left for them from any touchtone telephone.

B.

Α.

#### SERVICE DESCRIPTIONS

#### 1. GENERAL

<u>Voice Mailbox</u> - Incoming calls to existing telephone lines are forwarded to a "mailbox" in the VMS equipment when the line is busy and/or when the call is not answered after a company-defined number of rings (4). Callers are asked to leave a message in the mailbox. Voice Mail can greet callers with a personal or company-provided greeting and the mailbox receives and saves the caller's message for review by the customer. Greeting length is up to one (1) minute. The Voice Mail customer can thereafter access the mailbox at an time to retrieve stored messages using suitable customer premise equipment (CPE) from any location connected to the telephone network. After listening to each message, the customer has the option to erase or retain the message for future reference.

Where available, whenever there is a message stored in the mailbox, the customer receives a message waiting indication via a Stutter Dial Tone (an audible interrupted tone) after lifting the telephone receiver. The tone will continue until the customer has retrieved the message.

**ISSUED:** May 1, 2000

EFFECTIVE: May 1, 2000

BY: F.L. Terry

MANAGER

(N)

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

## MAY 01 2000

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: <u>Stephan</u> Buy SECRETARY OF THE COMMISSION

#### HIGHLAND TELEPHONE COOPERATIVE, INC.

#### PSC 2 SECTION S ORIGINAL SHEET 5

#### MISCELLANEOUS SERVICE AND EQUIPMENT

#### **VOICE MAIL SERVICE** (Continued)

#### B. SERVICE DESCRIPTIONS (Continued)

#### **1. GENERAL** (Continued)

Three different Voice Mailbox options are available to customers. Following is a (N) description of each:

TABLE 1		·		
	Basic Voice Mailbox	Standard Voice Mailbox	Standard Plus Voice Mailbox	Premium Voice Mailbox
Default Message Length	90 seconds	2 minutes	3 minutes	3 minutes
Stored Number of Messages Allowed (1)	10 messages	20 messages	30 messages	30 messages
Days Messages Stored (2)	4 days	7 days	14 days	14 days

(1) When the mailbox limit is reached, no further messages can be stored until existing messages are deleted.

(2) For <u>unplayed</u> and <u>played</u> messages. Messages will be erased by the Company, unless erased by the customer first. Additional messages and/or additional messaged duration is available at rates listed on the Voice Mail Rate Schedule.

<u>Announcement Only</u> – Announcement Only service provides a dedicated telephone number and associated announcement. The Announcement Only mailbox answers incoming calls with a user-programmable message, which is up to one (1) minute in length. This service does not receive and save callers' messages. Disconnection will occur immediately upon completion of message delivery. Additional minutes may be purchased according to pricing on the rate table.

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BY: F.L. Terry

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EFFECTIVE: May 1, 2000

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PUBLIC SERVICE COMMISSION OF KENTUCKY MANAGER EFFECTIVE

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PURSUANT TO 807 KAR 5.011, SECTION 9 (1) BY: <u>Stephan</u> Bus SECRETARY OF THE COMMISSION

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## HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 SECTION S ORIGINAL SHEET 6

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#### MISCELLANEOUS SERVICE AND EQUIPMENT

#### VOICE MAIL SERVICE (Continued)

#### B. SERVICE DESCRIPTIONS (Continued)

#### 1. **GENERAL** (Continued)

b.

**Rotational Announcements** – Rotational mailboxes allow a customer to (N) create audiotext applications where callers can have several announcements that constantly change. Message length can be up to one (1) minute. Announcements change either by time and date (period-type rotational mailbox) or with every call (index-type rotational mailbox). Rotational mailboxes can be programmed as "announcement only," meaning that after a caller hears an announcement, the phone hangs up. They also can be programmed to allow the caller to leave a message after the announcement.

#### 2. DESCRIPTIONS FOR NON-CHARGEABLE SERVICES

Included in **Basic**, **Standard**, **Standard Plus**, and **Premium** mailboxes for out of exchange or local exchange subscribers: personal greeting, security code, receiving and deletion of messages, pause, ship-forward, ship-backward and replay. Messages can be retrieved from any touchtone telephone.

In addition, 1) Standard Plus Mailboxes include conditional greetings as an enhancement to the Call Forwarding Services (for exchange customers only and where facilities exist), 2) **Premium** mailboxes include a tree box that has ninety (90) seconds of message length, ten (10) message storage and four (4) days of storage time. **Premium** service will also provide a front-end call routing mailbox. (See Tree Service for description.)

3.

#### DESCRIPTIONS FOR CHARGEABLE (OPTIONAL) SERVICES

The following services are available to all **Basic**, **Standard**, **Standard Plus** and **Premium** VMS customers, subject to the regulations, rates and charges in the Voice Mail Service Rate Schedule section of this tariff.

a.

Voice Mail Service Package – This package includes the following features: Call Forwarding – Busy, Call Forwarding – No Answer, Stutter Dial Tone and Message Waiting Lamp Indication. These features are needed to make Voice Mail Service operational.

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	PUBLIC SERVICE COMMISSION
ISSUED: May 1, 2000	OF KENTUCKY EFFECTIVE: May 1, 2000
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## HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 SECTION S ORIGINAL SHEET 7

#### MISCELLANEOUS SERVICE AND EQUIPMENT

#### **VOICE MAIL SERVICE** (Continued)

3.

#### **B. SERVICE DESCRIPTIONS** (Continued)

## **DESCRIPTIONS FOR CHARGEABLE (OPTIONAL) SERVICES** (N) (Continued)

- b. <u>Additional greeting or Messages/Duration Storage</u> Refer to Table 1 of this Voice Mail tariff for default number of messages that can be stored in a mailbox. The customer has the option 1) to purchase additional message storage equal to ten (10) additional messages and/or 2) increase the duration of each greeting or message by one minute and/or 3) increase the number of days of message storage in seven (7) day increments at rates found in the Voice Mail Rate Schedule.
  - <u>Message Notification/Outdial Paging Service</u> An optional service which notifies the customer that a call is waiting in the customer's mailbox and provides for the delivery of notification of new messages to the subscriber's pager. The customer can choose to be notified immediately when urgent messages are left, or when any message is left. Notification can be either automatic or at the discretion of the caller. This Service is limited to paging numbers in the local exchange or EAS areas.

d.

c.

Message Notification/Outdial to Telephone Service – An optional feature, which places a call to a predetermined telephone number. Notification can be either automatic or at the discretion of the caller. When a call is received by the subscriber's mailbox, the voice mail system will call back if the telephone line is busy, not answered or an answering machine answers. When the subscriber answers the telephone, they are asked for their passcode by the Voice Mail system. When the correct passcode is entered, the message that was left in the mailbox is then played. This service is limited to Paging Numbers in the local exchange or EAS area.

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BY: F.L. Terry

EFFECTIVE: May 1, 2000

#### MANAGER

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PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

### MAY 01 2000

PURSUANT TO 807 KAR 5:011. SECTION 9 (1) BY: <u>Stephan</u> Buy SECRETARY OF THE COMMISSION

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## HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 SECTION S ORIGINAL SHEET 8

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#### MISCELLANEOUS SERVICE AND EQUIPMENT

#### VOICE MAIL SERVICE (Continued)

#### B. SERVICE DESCRIPTIONS (Continued)

f.

#### 3.

#### DESCRIPTION FOR CHARGEABLE (OPTIONAL) SERVICES (Continued) (N)

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- e. <u>Wake-Up Call</u> Wake-up calls can be set up to call every day on a longterm basis until canceled by the customer. On a daily basis, the customer can designate different times for the wake-up call to be made, up to a maximum of five (5) different times per day. This service may be turned off by the customer for any desired period of time. Anytime prior to the scheduled delivery time, the customer may cancel the wake-up call. Customers will be awakened with a company-provided system message. If the wake-up call is not answered, a reattempt will be made every five (5) minutes for thirty (30) minutes. At the end of thirty (30) minutes, if it is still not answered, a non-delivery notification will be left in the customer's voice mailbox. When Wake-Up Call is used in conjunction with a voice mailbox, only one call is placed to the telephone. If a wakeup call is answered by Voice Mail service, the call is considered delivered by the Wake-Up Call service. Condition #5 applies here.
  - <u>Call Reminder</u> Allows a VMS customer to record a message, up to three (3) minutes in length, to be delivered within the next thirty (30) days. The message can be delivered to the customer's own mailbox, to any telephone number or to telephone numbers on a Group Distribution list.

The Call Reminder message will include the name of the caller and the name of the recipient, both to be recorded by the customer. Messages will start with a system message and end with the customer's recorded message. The entire Call Reminder message will be repeated three times. When directed to the customer's own mailbox, the Call Reminder message will be delivered at the selected date and time. When directed to another telephone number, up to five (5) attempts will be made, once per hour, until answered. If the call is not delivered, notification will be left in the sender's mailbox.

The number of Call Reminders that customers may send to themselves is limited only by the maximum capacity of their mailbox. When Call Reminder is used in conjunction with a voice mailbox, the call will be placed one time. If answered by the Voice Mail Service, the information is automatically deposited into the mailbox and the message waiting indication will be activated. Condition #5 applies here.

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	PUBLIC SERVICE COMMISSION OF KENTUCKY		
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BY: F.L. Terry	MANAGE MAY 01 2000		
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## HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 SECTION S ORIGINAL SHEET 9

#### MISCELLANEOUS SERVICE AND EQUIPMENT

#### VOICE MAIL SERVICE (Continued)

3.

#### SERVICE DESCRIPTIONS (Continued)

B.

C.

#### JERVICE DESCRIPTIONS (Continuou)

#### **DESCRIPTIONS OR CHARGEABLE (OPTIONAL) SERVICES (Continued)** (N)

g. <u>Fax Mail-</u> This service accepts electronic transmissions of facsimiles. The greeting length is a maximum of thirty seconds. The storage capacity is as many as ten (10) messages with a maximum message length of ten (10) minutes each. Unplayed facsimiles will be retained for 48 hours. Played facsimiles will be retained for 24 hours.

h. <u>Fax/Voice Mail</u> – The service accepts electronic transmissions of facsimiles and voice messages. There may be a combination of up to twenty messages, each with a length of up to ten minutes. Unplayed facsimiles or voice messages will be retained for up to 120 hours. Played facsimiles or voice messages will be retained for up to 75 hours, unless discarded by the subscriber. Greeting length is one (1) minute.

#### CONDITIONS

- 1. Touchtone Calling Service is required for the provision of VMS. Customers must use a touchtone telephone or similar dual tone multifrequency (DTMF) device to access VMS.
- 2. **Basic, Standard, Standard Plus** and **Premium** VMS will be provided twentyfour (24) hours per day, seven (7) days per week.
- 3. **Basic, Standard, Standard Plus** and **Premium** VMS will be offered where adequate and suitable facilities are available.

ISSUED: May 1, 2000

BY: F.L. Terry

EFFECTIVE: May 1, 2000 PUBLIC SERVICE COMMISSION OF KENTUCKY MANAGER EFFECTIVE (N)

## MAY 01 2000

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Stephand Buy SECRETARY OF THE COMMISSION

## HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 SECTION S ORIGINAL SHEET 10

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#### MISCELLANEOUS SERVICE AND EQUIPMENT

#### **VOICE MAIL SERVICE** (Continued)

4.

#### CONDITIONS (Continued)

С.

Customers should have their lines equipped with Call Forwarding-Busy and Call (N) Forwarding-No Answer to operate Voice Mail. These features are included in the Voice Mail Service Package.

Call Forwarding-Busy and Call Forwarding-No Answer are programmed in the central office and the customer does not control these services. The services are programmed to forward calls only to the mailbox when the line is busy or is not answered. Customers outside the exchange may purchase Call Forwarding-Busy and Call Forwarding-No Answer from their local telephone service provider or use the service without forwarding.

Any additional call forwarding features requested by the Voice Mail subscriber will be provisioned from the Custom Calling Services Tariff.

With Call Waiting (a separate custom calling service), the Voice Mail customer who is already off the hook, will receive a Call Waiting signal, which is notification that another call is waiting. If the customer does not choose to answer the call, which is waiting, the call will be forwarded to the customer's mailbox. To have this capability, Call Waiting must be separately subscribed to at applicable tariff rates and must be able to be provided by the central office.

5.

6.

7.

Message Notification – Announcement Only, Wake-Up Call, Call Reminder are limited to customers in the local calling area of this telephone companies respective exchanges. "Local" is defined as all local, EAS and ECC calls.

A message waiting indication, known as Stutter Dial Tone, may be connected to the line indicating a message has been received. This service is provided where available in the central office and is included in the Voice Mail Service Package.

A message waiting lamp indication may be connected to the line indicating a message has been received. This service is provided where available in the central office and is included in the Voice Mail Service Package. The customer must provide compatible customer premise equipment (CPE) capable of receiving and displaying the message waiting lamp indication.

SECTION 9 (1)

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ISSUED: May 1, 2000	PUBLIC SERVICE COMMISSION OF KENTECKIYVE: May 1, 2000 FFFECTIVE		
BY: F.L. Terry	MANAGER		
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## HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 SECTION S ORIGINAL SHEET 11

#### MISCELLANEOUS SERVICE AND EQUIPMENT

#### VOICE MAIL SERVICE (Continued)

- C. **CONDITIONS** (Continued)
  - 8. The Company shall not be liable for any damages, regardless of the theory, whether (N) direct, indirect, incidental, special or consequential.
  - 9. The Company is not responsible for any claimed damage associated with the, installation, provision, termination, maintenance, repair or restoration of service. The Company is not responsible for any other claimed damage (i.e., lost messages, service interruptions, etc.). The Company makes no warranties to the customer and it expressly excludes and disclaims any implied warranties such as warranties of fitness for a particular purpose of merchantability.
  - 10. The Company may disconnect, without advance notice, any VMS, which is used in such a manner as to prevent, obstruct, delay or otherwise interfere with the service of other users.
  - 11. The Company, at its discretion, may change the customers' interface such as the recorded prompts and directions, the length of time available for leaving messages, the number of messages, which may be left and other aspects of the service without prior notice to the customer.
  - 12. A one (1) month minimum service period applies to VMS.
  - 13. The rates for Voice Mail Service are in addition to the rates and charges for all associated services.

#### ISSUED: May 1, 2000

BY: F.L. Terry

#### PUBLIC SERVICE COMMISSION EFFECTIVE: May DF2RENTUCKY EFFECTIVE

MANAGER

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PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Stephand Buy SECRETARY OF THE COMMISSION

## HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 SECTION S ORIGINAL SHEET 12

## MISCELLANEOUS SERVICE AND EQUIPMENT

## **VOICE MAIL SERVICE** (Continued)

#### D. RATES

VOICE MAIL RATE SCHEDULE			
SERVICE	MONTHLY CURRENT RATE	TRANS CODE	
SERVICE OPTIONS:		-	
BASIC Mailbox	\$4.95	VMBMR	
STANDARD Mailbox	\$5.95	VMSMR	
STANDARD PLUS Mailbox	\$7.95	VRSP	
PREMIUM Mailbox	\$7.95	VMPMR	
Announcement Only Service	\$5.95	VMAOS	
DISCOUNT STRUCTURE:			
Second box & all additional – BASIC	\$0.50	DVMB	
Second box & all additional – STANDARD	\$0.75	DVMS	
Second box & all additional – STANDARD PLUS	\$1.00	VRSPD	
Second box Y all additional - PREMUIM	\$1.00	DVMP	
<b>BASIC FEATURES (NON-CHARGEABLE):</b>			
Personal Greeting; Security Code; Receiving and			
Deleting of Messages; Pause; Skip-Forward and	NO CHARGE		
Skip-Backward; Replay. These apply to exchange			
customers only.	·		
OPTIONAL FEATURES ( CHARGEABLE):	······	· · · · · · · · · · · · · · · · · · ·	
Voice Mail Service Package:			
Includes Call Forwarding-Busy, Call Forwarding-	\$2.50	VMCDD	
No Answer, Stutter Dial Tone and Message Waiting	\$2.50	VMSPR	
Lamp Indication (where available)			
Additional Messages/Duration:			
Additional Ten (10) Messages or	\$1.00	VMAMG	
Additional Minute Per Message	\$1.00	VMAD	
Additional Minute of Greeting	\$1.00	VMAGR	
Additional Seven (7) Days of Message Storage	\$1.00	VAS7R	

	PUBLIC SERVICE COMMISSION	
ISSUED: May 1, 2000	EFFECTIVE: May EFFECTIVE	
BY: F.L. Terry	MANAGER MAY 01 2000	

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## HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 SECTION S ORIGINAL SHEET 13

#### **MISCELLANEOUS SERVICE AND EQUIPMENT**

#### **VOICE MAIL SERVICE** (Continued)

#### **D. RATES** (Continued)

VOICE MAIL RATE SCHEDULE (Continued)			
	MONTHLY		
SERVICE	CURRENT RATE	TRANS CODE	
Wake-Up Call (limited subscription- see tariff description):	\$2.95	VMWU	
Call Reminder (limited subscription – see tariff description):	Group Distribution	· · ·	
	Size:		
	1 \$2.95	VCR1R	
	2 – 10 \$5.00	VCMCRA	
	11-25\$7.50	VMCRB	
	26 – 50 \$10.00	VMCRC	
	51 – 75\$12.50	VMCRD	
	76 – 99 \$15.00	VMCRE	
Fax Mail	\$15.95	VMFM	
	+		
Fax/Voice Mail	\$19.95	VMFV	

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BY: F.L. Terry

## HIGHLAND TELEPHONE COOPERATIVE, INC.

#### PSC 2 SECTION S ORIGINAL SHEET 14

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#### INDIVIDUAL LINE BUSINESS AND RESIDENCE BASIC RATE INTERFACE (BRI) SERVICE

#### A GENERAL

Integrated Services Digital Network (ISDN) describes the end-to-end digital telecommunication network architecture, which provides for the simultaneous access, transmission and switching of voice, data, and image services. These functions are provided via channelized transport facilities. The ISDN architecture consists of digital switching systems, which connect Basic Rate Interface (BRI) lines to their serving central office. Calling/Called Number Delivery is included with this service.

BRI is an optional service arrangement, which can be used in conjunction with a customer's Individual Line Business or Residence service. It uses the ISDN architecture to provide the customer with capabilities of simultaneous access, transmission, and switching of voice, data, and image services via channelized transport. In addition, BRI provides the customer with access to Circuit Switched Voice Service, Circuit Switched Data Service, and Packet Switched Data Service.

A BRI arrangement obtains its capabilities from a properly equipped telephone company central office switch. The BRI arrangement may consist of up to two "B" channels and one "D" channel (2B+D).

"B" Channel – The "B" channel is a bi-directional synchronous channel capable of supporting 64 kilobit per second (kbps) of digital transmission of information between users. The "B" Channel may also be used in conjunction with circuit switched service. One Directory Number with one Primary Directory Listing for the first "B" Channel ISDN Service line is provided. Additional listings may be provided as specified for Additional Listing Service in the Directory Listings section of this Company's tariff.

"D" Channel – The "D" Channel is a 16 kbps packet-switched digital signaling channel that carries signaling and control for the "B" Channel and has maximum packet transmission throughput of 9.6 kbps.

All ISDN Service lines consist of central office facilities, including the outside plant facilities, extended from the Company's switching equipment to the customer.

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BY: F. L. Terry

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## HIGHLAND TELEPHONE COOPERATIVE, INC.

#### PSC 2 SECTION S ORIGINAL SHEET 15

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#### INDIVIDUAL LINE BUSINESS AND RESIDENCE BASIC RATE INTERFACE (BRI) SERVICE

#### **GENERAL** – Continued

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1.

ISDN Service is provided at the option of the Company, and is furnished subject to central office switching capacity and the availability of outside plant facilities. The availability, functionality, and capabilities of the ISDN Service features may vary, or may not be available dependent upon type of serving central office switch, related software controlling that switch, and associated outside plant.

The Company shall not be responsible if changes in any of the equipment,, operations, or procedures of the Company utilized in the provision of ISDN Service render any facilities provided by the customer obsolete or require modification or alteration of such customer's equipment or systems, or otherwise affect its use or performance.

#### SERVICE DESCRIPTION

(i)

**CIRCUIT SWITCHING** – Circuit Switching is 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.

- **CIRCUIT SWITCHED FEATURES** The customer may have a choice among the following features based upon application needs. Circuit Switched Service provides the ability to originate and receive circuit switched voice or data calls over a 64 kbps "B" channel.
  - a) Electronic Key Telephone Service (EKTS) Features:

Electronic Key Features provide the customer with the ability to access the following features where available:

Multiple Call Appearances of a Directory Number – An arrangement that allows the user to have appearances of the directory number assigned to the customer-provided set, providing the capability of multiple incoming or outgoing calls associated with that directory number or secondary telephone number (if purchased) can be terminated to the telephone if one or more idle call appearances are available to accept the calls. In certain central offices, this arrangement may impact the use of the Shared Call Appearance feature. (N)

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## HIGHLAND TELEPHONE COOPERATIVE, INC.

#### PSC 2 SECTION S ORIGINAL SHEET 16

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#### INDIVIDUAL LINE BUSINESS AND RESIDENCE BASIC RATE INTERFACE (BRI) SERVICE

#### SERVICE DESCRIPTION – Continued

B

#### 1. Circuit Switched Features – Continued

a) Electronic Key Telephone Service (EKTS) features:-

- ii. Shared Call Appearances of a Directory Number An arrangement that allows a directory number (s) from one customer-provided set to appear as a call appearance (s) on the customer-provided set (s) of other users. Bridging, an arrangement that allows the user to connect onto a currently active call, is included.
- iii. <u>Analog Line Pickups</u> An arrangement that allows an ISDN set to provide call coverage for an analog number (s). This feature may limit the use of other features and/or functionality on the analog number.
- iv. <u>Privacy Release (Automatic Exclusion</u>) An arrangement that allows a customer to specify that no other user can bridge on to an existing call (s). On a call-by-call basis, this feature can be disabled to allow bridging to occur.
- v. <u>Manual Exclusion (Privacy)</u>- An arrangement (opposite of Privacy Release) that allows the customer to restrict other stations from picking up an existing call on hold or bridging onto an existing call that is active at that station.
- vi. <u>Intercom Calling Dial –</u> This feature allows an EKTS user to call other terminals in the EKTS group with on or tow-digit dialing.
- vii. <u>Intercom Calling Automatic –</u> This feature allow an EKTS user to call another terminal in the EKTS group by activating a button on the EKTS set. (N)

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## HIGHLAND TELEPHONE COOPERATIVE, INC.

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#### PSC 2 SECTION S ORIGINAL SHEET 17

#### INDIVIDUAL LINE BUSINESS AND RESIDENCE BASIC RATE INTERFACE (BRI) SERVICE

#### SERVICE DESCRIPTION – Continued

#### 1. Circuit Switched Features – Continued

- b) <u>Secondary Telephone Numbers</u> An arrangement that allows a customerprovided set to have access, to an additional directory telephone number (s). The Additional directory number (s), Secondary Telephone Number (s), may originate or receive calls independent of the customer-provided set's primary directory telephone number.
- c)
- Custom Calling Services are available at rates and charges specified elsewhere in the Custom Calling Service section of this tariff.

Other Custom Calling Service, available on ISDN lines are:

**Drop, Hold and Transfer** – This is a combination of services is addition to either the 3-way conference or the 6-way conference. It permits parties outside of the conference to be placed on hold, dropping of parties from the conference without loosing the conference connection, and the ability to drop out of a conference and transfer one party to another.

**Denied Origination** – Only available to circuit switched data calls. This is an arrangement that allows specified customer-provided equipment to only receive calls.

 $\underline{\textbf{Denied Termination}} - An Arrangement that allows specified customer-provided equipment to only originate calls.}$ 

d)

Advanced Calling Services are available at rates and charges specified in the Advanced Calling Services section of this tariff.

<u>Caller ID – Number</u> – An arrangement, when available, that provides the caller's telephone number to be displayed on properly equipped customer-provided sets is included with this offering.

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## HIGHLAND TELEPHONE COOPERATIVE, INC.

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#### PSC 2 SECTION S ORIGINAL SHEET 18

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#### INDIVIDUAL LINE BUSINESS AND RESIDENCE BASIC RATE INTERFACE (BRI) SERVICE

#### SERVICE DESCRIPTION – Continued

## B

#### **Circuit Switched Features – Continued**

- <u>Clear Channel Capability</u> A characteristic of the transmission paths on the "B" channel that allows the full bandwidth on the "B" channel, 64 kbps, to be available to the customer. ISDN interconnection to non-ISDN equipped central offices will be potentially subjected to analog transmission or sub-rated to 56 kbps.
- 2.

1.

## ALTERNATE CIRCUIT SWITCHED VOICE SERVICE/CIRCUIT SWITCHED DATA SERVICE

Alternate Circuit Switched Voice Service/Circuit Switched Data Service provides the ability to originate and receive either Circuit Switched Voice calls or Circuit Switched Data calls over a single "B" channel but not simultaneously. This arrangement is available where technology permits.

The features that are applicable to Circuit Switched Service are also applicable to this service.

#### PACKET SWITCHED DATA "D" CHANNEL SERVICE – INTRASWITCH

Packet Switching is a technique in which packets of data are individually addressed and combined on a transmission path with other addressed packets. Packet Switch Data "D" Channel Service provides the ability to originate and receive X.25 packet data call over the "D" channel. This arrangement provides a maximum throughput of 9.6 kbps. Each D channel packet terminal will be provide logical channel up to the technical capabilities of the serving central office. Multiple packet calls can be active simultaneously by a user on a single D channel. Up to eight data terminals can be supported per Basic Rate Interface. Service includes one data telephone number. This is presently available between all customers residing on the same central office switch.

1. Flow Control Parameter Negotiation – An arrangement that permits negotiation on a per call basis of the flow control parameters. Automatically negotiates the maximum packet size and window size for each direction of data transmission. This can be pre-subscribed (fixed) or it can be established on a per call basis.

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## HIGHLAND TELEPHONE COOPERATIVE, INC.

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#### PSC 2 SECTION S ORIGINAL SHEET 19

#### INDIVIDUAL LINE BUSINESS AND RESIDENCE BASIC RATE INTERFACE (BRI) SERVICE

#### PACKET SWITHCED DATA "D" CHANNEL SERVICE – Continued

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- 2. <u>Throughput Class Negotiation</u> An arrangement that allows the calling data terminal to request specific throughput classes (bits/second) in the call request packet for both directions of data transmission.
- 3. <u>Logical Channels</u> An arrangement that provides for outgoing logical channels for a packet switching user. It is a virtual circuit identified at the packet level of X.25.
- 4. <u>Incoming Calls Barred</u> An arrangement that prohibits a data terminal from terminating an incoming call.
- 5. <u>Outgoing Calls Barred</u> An arrangement that prohibits a data terminal from origination outgoing virtual calls.

<u>Closed User Groups</u> – An arrangement that allows ISDN users to establish sub-networks of ISDN packet switching data users from which members can communicate with each other. The Closed User Group is established on a per line basis. Each data terminal in a Closed User Group can be arranged in one of the following modes:

- a) <u>Closed User Group with Outgoing Access</u> The data terminal makes outgoing calls only.
- b) <u>Closed User Group with Incoming Access</u> The data terminal receives incoming calls only.
- c) <u>Incoming Calls Barred Within a Closed User Group</u> The data terminal makes outgoing calls only to the data terminal makes outgoing calls only to the data terminals in the Closed User Group with which it is associated.
- d) <u>Outgoing Calls Barred Within a Closed User Group</u> The data terminal receives incoming calls only from the data terminals in the Closed User Group with which it is associated.
- e) <u>Unrestricted Access</u> The data terminal receives and makes both incoming and outgoing calls.

7.

6.

**<u>Fast Select</u>** – Any arrangement that allows a sending data terminal to forward up to 128 bytes of data along with the call setup and clearing packets. (N)

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## HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 SECTION S ORIGINAL SHEET 20

#### INDIVIDUAL LINE BUSINESS AND RESIDENCE BASIC RATE INTERFACE (BRI) SERVICE

#### C PACKET SWITCHED DATA "D" CHANNEL SERVICE – Continued

(N)

8. <u>Fast Select Acceptance-</u> An arrangement that allows the switch to transmit incoming call packets with the Fast Select facility to a destination terminal that has this feature.

#### **D** TRANSMISSION SPECIFICATIONS

An ISDN Service line consists of a non-loaded two-wire facility.

The Standard Transmission parameters for an ISDN Service line utilizing an ISDN Basic Rate Interface (BRI) consists of : A maximum of 38.5 db loop loss at a 40Kz test tone terminate into a 135 ohm impedance. The 38.5db loss includes all central office facilities, outside plant facilities and inside wiring.

#### E CUSTOMER PREMISE EQUIPMENT AND FACILITIES:

The customer is responsible for providing compatible premises equipment in order to utilize the ISDN offering. All customer-provided equipment used to interface with ISDN Service is required to conform with National ISDN Specifications.

The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of ISDN Service render any facilities provided by the customer obsolete or require modification or alteration of such equipment or system, or otherwise affect is use or performance.

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### MAY 01 2000

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BY:

## HIGHLAND TELEPHONE COOPERATIVE, INC.

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PSC 2 SECTION S ORIGINAL SHEET 21

#### INDIVIDUAL LINE BUSINESS AND RESIDENCE **BASIC RATE INTERFACE (BRI) SERVICE** INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE BASIC RATE INTERFACE WITH CIRCUIT SWITCHED USAGE CHARGES ISDN-BRI RATE SCHEDULE (N)Non-Recurring Monthly Rate Charges ISDN Service ISDN LINE PER LINE Residence 1 Residential One-Party Rate+\$13.85 Business See Service Connection **Business One-Rate Party** CIRCUIT SWITCHED VOICE SERVICE, PER "B" CHANNEL (BUSINESS) See Service Connection \$ 15.00 Flat Rate CIRCUIT SWITCHED DATA SERVICE, PER "B" CHANNEL (BUSINESS) See Service Connection \$ 15.00 Flat Rate ALTERNATE CIRCUIT SWITCHED VOICE/CIRCUIT SWITCHED DATA, PER "B" CHANNEL See Service (BUSINESS) \$ 15.00 Flat Rate Connection CIRCUIT SWITHCED FEATURES Bus. Res. Electronic Key Telephone Service (EKTS) Included w/CSV CSD Multiple Call Appearances of a Directory Number None \$ 1.50 None \$ 2.90 Second/Subsequent Call Appearances of a Directory Number Included w/ CSV, CSD None Shared Call Appearances 2 Second/Subsequent Appearance \$ 2.90 \$ 1.50 None Privacy Release (Automatic Exclusion) Manual Exclusion (Privacy) Intercom Calling – Dial – Each Intercom Calling – Automatic – Each Included with CSV None 4 Included with CSV None 5 \$ 1.50 None 6. \$2.20 \$2.20 \$ 1.50 None Secondary Telephone Numbers \$ 1.50 \$2.90 Custom Calling Svc (CCS) Tariff None Custom Calling Services \$ 1.45 See Service Connection Call Hold, Drop and Transfer \$2.00 None Advanced Calling Services Caller Identification- Number (where available) Advanced Calling Svc (ACS) Tariff Included w/CSV, CSD Caller Identification -- Name (where available) See Service Connection 50% of ACS Tarriffed Rate INTRASWITCH PACKET SWITCHED DATA, PER "D" CHANNEL \$ 10.00 See Service Connection (BUSINESS & RESIDENCE) PACKET SWITHCED DATA FEARURES: (BUSINESS AND RESIDENCE) Inc w/Packet Data "D" Channel None Flow Control Parameter Negotiation 1 Inc w/Packet Data "D" Channel None Throughput Class Negotiation 2. Inc w/Packet Data "D" Channel None 3. Incoming Calls Barred Inc w/Packet Data "D" Channel None Service order applies after Outgoing Calls Barred 4. Initial installation. Closed User Groups (CUG): 5. None Per CUG a. Inc w/Packet Data "D" Channel None Per Member in CUG Service order applies after Inc w/Packet Data "D" Channel Ъ. Inc w/ Packet Data "D" Channel Initial installation. Fast Select 6 7. Fast Select Acceptance Denied Origination/Denied Termination 8. SERVICE CONNECTION CHARGES apply for ISDN-BRI Service based upon existing Service Connection charges. See Service Connection Section of this tariff. Residential Service includes two "B" Channels and one "D" Channel. The user can determine if the "B" Channels are Voice, Data or Voice/Data and may request the "D" Channel to be configured for Packet Switching. PUBLIC SERVICE COMMISSION (N)OF KENTUCKY EFFECTIVE: May 1, 2000 ISSUED: May 1, 2000 MAY 01 2000 BY: F.L. Terry MANAGER

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Stephan Buy

# HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 Section 2 Original Sheet 22

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#### INTEGRATED SERVICES DIGITAL NETWORK (ISDN) PRIMARY RATE INTERFACE (PRI)

#### A. GENERAL DESCRIPTION

- 1. Integrated Services Digital Network (ISDN) is a public network-based set of communications services that make it possible to send, receive, and modify information using regular telephone facilities. ISDN provides end-to-end digital communications and gives the ability to transmit data and voice over the same telephone line simultaneously. This functionality is provided via channelized transport facilities. The ISDN architecture provides for Primary Rate Interface (PRI), which is typically used when a customer wants to connect large quantities of digital lines to the network.
- 2. ISDN-PRI used the ISDN architecture to provide the customer with the capability to transmit voice and data simultaneously over the same digital facility. Under various optional arrangements, PRI provides the customer with access to Circuit Switched Voice Services and Circuit Switched Data Services.

#### B. PRIMARY RATE INTERFACE (PRI) SERVICE ARRANGEMENT

- 1. An ISDN-PRI arrangement connects an ISDN-capable Telephone Company central office switch to ISDN-capable customer premise equipment (CPE). Depending on the application, that CPE might be a PBX, a router, a multiplexer, etc. The PRI ISDN arrangement provides a total of twenty-four digital communications channels within a single physical facility. Twenty-three of these channels are called Bearer, or B Channels and they carry the actual voice or data. Another channel, called the Delta or D Channel, is used to transport signaling for the other 23 channels. This configuration is known as 23B+D.
  - a. **B Channel** The B Channel is a bi-directional synchronous channel capable of supporting digital transmission speeds of 64 kilobits per second (kbps). Each B Channel of a PRI may carry:
    - 1) Circuit-Switched Voice
    - 2) Circuit-Switched Data
  - b. **D** Channel The D Channel is a 64 kbps digital channel that carries signaling and control for the B Channels.

BY: Stechand)

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SECRETARY OF THE COMMISSION

ISSUED: May 1, 2000 BY: F. L. Terry MANAGER MAY 01 2000 PURSUANT TO 807 KAR 5:011, SECTION 9 (1)
# HIGHLAND TELEPHONE COOPERATIVE, INC.

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C.

PSC 2 Section 2 Original Sheet 23

#### INTEGRATED SERVICES DIGITAL NETWORK (ISDN) PRIMARY RATE INTERFACE (PRI)

#### PRIMARY RATE INTERFACE (PRI) SERVICE ARRANGEMENT (Cont'd)

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- 2. **Primary Rate Access Facility** The Primary Rate Access Facility provides a high capacity digital link over which the Primary Rate services are delivered. This facility is based on a 1.544 mbps DS1 carrier (T1 facility).
- 3. **Multiple PRI Arrangement** There may be situations where more than 23 B Channels are needed at a particular customer premise. In those situations, multiple PRI facilities can be assigned to a PRI arrangement. With the multiple PRI arrangement, The D Channel in the first PRI facility is used to transport signaling for additional PRI facilities. The first PRI would be configured as 23B+D and the other PRI's would be configured as 24B. This use of Non-Facility Associated Signaling (NFAS) allows the overhead of the D Channel to be distributed over multiple PRI facilities, thereby increasing channel efficiency.
- 4. **D** Channel Backup In Multiple PRI Arrangements, a second D Channel can be assigned (where available) as an automatic backup to the primary D Channel. This can be offered when more than one PRI is provided to the same customer in order to provide redundancy of the signaling channel.

#### CIRCUIT SWITCHED SERVICE DESCRIPTIONS

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

- 1. Clear Channel Capability A characteristic of the transmission paths on the "B" channel that allows the full bandwidth on the "B" channel, 64kbps, to be available to the customer. However, ISDN interconnection to non-ISDN equipped central offices will be potentially subjected to analog transmission or sub-rated to 56 kbps.
- Dedicated Trunk Groups The B Channels of a PRI can be dedicated for calls to and from the public network: Incoming, Outgoing, 2-way, Direct Outward Dialing (DOD) or Direct Inward Dialing (DID).

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BY: F. L. Terry	EFFECTIVE MANAGER
	MAY 01 2000
	PURSUANT TO 807 KAR 5:011, SECTION 9 (1)
	BY: Stephand BU

# HIGHLAND TELEPHONE COOPERATIVE, INC.

#### PSC 2 Section 2 Original Sheet 24

#### INTEGRATED SERVICES DIGITAL NETWORK (ISDN) PRIMARY RATE INTERFACE (PRI)

#### CIRCUIT SWITCHED SERVICE DESCRIPTIONS (Cont'd)

3. **Primary Rate Call-By-Call Service** – The Primary Rate Call-By-Call (CBC) feature offers access to additional services such as:

- Foreign Exchange,
- Tie Trunk,
- InWats,
- And OutWats

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

- 4. **Multiple Directory Numbers** Each PRI includes an individual directory number. Additional directory numbers, a range of directory numbers, or several ranges of directory numbers can be optionally added.
- 5. Advanced Calling Services ISDN-PRI can support access to the following Advanced Calling Services (also called CLASS services) from suitably equipped CPE:
  - a. **Caller ID Number** This feature allows the central office and the customer's equipment to communicate the calling party's directory number on calls carried by the Primary Rate service. The number can then be made available to be displayed on a properly equipped telephone set or adjunct equipment.

#### D. TECHNICAL SPECIFICATIONS

 Transmission Specifications – The Primary Rate Access Facility provides a high capacity digital link over which the Primary Rate services are delivered. This facility is
 PUBLIC SERVICE COMMISSION on a 1.544 Mbps DS1 carrier (T1 facility) whose characteristics are as follows: OF KENTUCKY

EFFECTIVE	•	Line Code	=	Bipolar 8 Zero Substitution (B8ZS)
	•	Framing Format	=	Extended Super Frame (ESF)
MAY 01 2000	٠	Signaling		0.931 Signaling
	•	Data Rate	=	64 kbps clear or kbps restricted
PURSUANT TO 807 KAR 5:011,	٠	D Channel	=	24 <sup>th</sup> channel on the T1 facility
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SECRETARY OF THE COMMISSION BY: F. L. Terry EFFECTIVE: May 1, 2000

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# HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 Section 2 Original Sheet 25

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#### INTEGRATED SERVICES DIGITAL NETWORK (ISDN) PRIMARY RATE INTERFACE (PRI)

#### D. **TECHNICAL SPECIFICATIONS** (Cont'd)

2. **Customer Premise Equipment (CPE) and Facilities** – Compatible CPE is required to utilize ISDN-PRI. All equipment used to interface with these services is required to conform with ISDN guidelines as referenced in the following Bellcore specifications:

Document Number

Description

TR-NWT-001268

ISDN Primary Rate Interface Call Control Switching and Signaling Generic Requirements of Class II Equipment

SR-NWT-002343

ISDN Primary Rate Interface Generic Guidelines for Customer Premises Equipment

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

#### E.

**REGULATIONS AND CONDITIONS** 

1)

- 1. Unless specifically exempted, ISDN services shall be subject to all general regulations applicable to the provision of service by the Telephone Company as stated in the general tariff.
- 2. ISDN-PRI is provided at the option of the Company. These services are furnished subject to central office switching capacity, capability, and the availability of outside plant facilities.
  - a. The availability, functionality, and capabilities of ISDN-PRI may vary, or may not be available, dependent upon type of serving central office switch, related SSION software controlling that switch and associated outside plant.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

MAY 01 2000

PURSUANT TO 807 KAR 5:011,

ISSUED May 1, 2000

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Where facilities are not available, or unusual expenditures are involved in making them available, the customer may be required to pay additional charges to cover the unusual expenditure, or to contract for services beyond the normal service term, or both. (N)

EFFECTIVE: May 1, 2000

MANAGER

# HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 Section 2 Original Sheet 26

#### INTEGRATED SERVICES DIGITAL NETWORK (ISDN) PRIMARY RATE INTERFACE (PRI)

#### E. **REGULATIONS AND CONDITIONS** (Cont'd)

2) Mileage Charges: Provision of the underlying PRI Access facility (T1) is mileage sensitive. As such, additional mileage charges may apply.

3. Payment for Service:

7.

- a. The minimum charge period for services provided under this tariff is one month.
- b. The customer may choose to pay for the service on a month-to-month basis.
- c. Suspension of service is not allowed.
- 4. Directory Listings: One directory listing is provided without charge for each ISDN-PRI customer. Additional listings may be provided as specified for Additional Listing Service in the Rates & Charges section of this ISDN-PRI tariff.
- 5. Billable Call Treatment: Normal toll charges (including InWATS and OutWATS charges) shall apply to calls that are made outside of the Local Service Area.
- 6. Customer Premise Equipment (CPE):
  - a. This tariff does not include terminal equipment on the customer's premises. Terminal equipment may be covered under a separated tariff, sold or leased separately by the Telephone Company (under a separate contract), or may be provided by the customer.
  - b. The customer is responsible for providing the power required for any and all CPE connected to an ISDN-PRI.

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

(N)

(N)

	PUBLIC SERVICE COMMISSION OF KENTUCKY	
ISSUED: May 1, 2000	EFFECTIVE	CTIVE: May 1, 2000
BY: F.L. Terry	MAY 0 1 2000	MANAGER
	PURSUANT TO 807 KAR 5:011, SECTION 9(1) BY: <u>Skohand</u> Buy	
	SECRETARY OF THE COMMISSION	

# HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 Section 2 Original Sheet 27

### INTEGRATED SERVICES DIGITAL NETWORK (ISDN) PRIMARY RATE INTERFACE (PRI)

#### E. **REGULATIONS AND CONDITIONS** (Continued)

8. Service Establishment Charges do not apply for the establishment of the Communications Channels when the customer signs an agreement to subscribe to ISDN-PRI for a minimum of the 3 years agreement, the customer will incur a disconnection charge equal to the Service Establishment Charges. The disconnection charge will not apply if the customer purchases other services from the Company, which replace ISDN-PRI service.

#### PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

### MAY 01 2000

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Stephan Buy SECRETARY OF THE COMMISSION

ISSUED: May 1, 2000

EFFECTIVE: May 1, 2000

BY: F.L. Terry

MANAGER

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# HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 Section 2 Original Sheet 28

## INTEGRATED SERVICES DIGITAL NETWORK (ISDN) PRIMARY RATE INTERFACE (PRI)

### F. RATES AND CHARGES (Continued)

	ERVICES DIGITAL NETWORK (ISDN) SERVICE IMARY RATE INTERFACE (PRI) ISDN-PRI RATE SCHEDULE	3
ISDN Service	Service Establishment (Nonrecurring Rates)	Monthly Rates
1. ISDN-PRI ACCESS: a. ISDN-PRI Access Facility (first mile)	Included in ISDN-PRI Service Establishment (Communications Channels Svc Establishment)	Included in ISDN-PRI Rate (Communication Channels Mo. Rate)
b. PRI Access Facility – Mileage Charges (each additional mile)	Included in ISDN-PRI Service Establishment (Communication Channels Svc Establishment)	\$20.00/ each additional mile
2. COMMUNICATION CHANNELS: a. B Channels plus D Channel, OR B Channels (Multiple PRI Arrangement)	\$1,000.00 \$1,000.00	\$700.00 \$700.00
b. T1/PRI Rearrangement Charge (In Lieu of \$1,000.00 Service Establishment Charge when the customer Already has a T1 in place.)	\$200.00	N/A
c. D Channel Backup	\$150.00	\$100.00
d. Directory Numbers; Primary Directory Number (w/each ISDN- PRI)	No Charge	No Charge
Additional Directory Numbers	\$25.00 Initial Service Establishment Request	\$2.00 Directory Number

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BY: F.L. Terry

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# HIGHLAND TELEPHONE COOPERATIVE, INC.

PSC 2 Section 2 Original Sheet 29

### INTEGRATED SERVICES DIGITAL NETWORK (ISDN) PRIMARY RATE INTERFACE (PRI)

# F. RATES AND CHARGES (Continued)

PRIMA	TCE DIGITAL NETWORK (ISDN) SERVICE ARY RATE INTERFACE (PRI) RATE SCHEDULE (CONTINUED)		( N
ISDN Service	Service Establishment (Nonrecurring Rates)	Monthly Rates	
3. CIRCUIT SWITCHED FEATURES: a. Features: 1. Clear Channel Capability	No Charge	No Charge	
<ol> <li>Call-by-Call Capability for the following:</li> <li>a. Public Network Calls (incoming, outgoing or 2-way trunk calls)</li> </ol>	No Charge No Charge	No Charge No Charge	
<ul> <li>b. DID</li> <li>c. FX: All existing tariff rates apply to FX Facilities between CO's.</li> </ul>	\$50.00	\$10.00	
d. The Facility: All existing tariff rates apply to the facilities between CO's.	\$50.00	\$10.00	
<ul><li>e InWats: All existing tariff rates apply to measured InWats.</li><li>f. OutWats: All existing tariff rates apply to measured OutWats.</li></ul>	\$50.00 \$50.00	\$10.00 \$10.00	
3. Advanced Calling Services; Caller ID – Basic (per PRI)	Included in ISDN-PRI Service Establishment (Communications Channels Svc Establishment)	Included w/ISDN-PRI (Communication Channels Mo. Rate)	
b. Subsequent Feature Additions/Changes: Feature Additions/Changes per PRI	\$50.00 \$25.00	N/A N/A	
c. Move Change To move ISDN-PRI Service, per PRI	φ <i>ΔJ</i> ,00		
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#### ISSUED: May 1, 2000

BY: F.L. Terry

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### MAY 01 2000

PURSUANT TO 807 KAR 5.011, SECTION 9 (1) BY: Stephand Buy SECRETARY OF THE COMMISSION Highland Telephone Cooperative Incorporated Section T Original Sheet 1

PSC 2

#### PRIVATE LINE SERVICE

	Contents	Sheet No.
T.1	Concurrence	2
т. 2	Exceptions	2
т.3	Monthly Charges	3
т. 4	Definition and Limitations of Service	3

PUBLIC SERVICE COMMISSION **OF KENTUCKY** EFFECTIVE

MAR 3 0 1983

PURSUANT TO 807 KAR 5:011, Janua SECTION9931 Effective: BY:

Issued: January 1, 1983

By: Issued under authority K.P.S.C. No

General Manager dated January 1, 1983 Highland Telephone Cooperative Incorporated

PSC 2 Section T First Revised Sheet 2

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#### PRIVATE LINE SERVICES

#### T.1 Concurrence

T.1.1 Highland Telephone Cooperative Incorporated hereinafter called the concurring utility, except as specifically stated herein, assents to, adopts and concurs in the Intralata Private Line Service Tariff filed with the Kentucky Public Service Commission by South Central Bell and General Telephone Company, hereinafter called the issuing utility as such tariff, now exists, or may be revised, added to or supplemented by superseding sheets or issues, for Private Line Service furnished by the issuing utility and concurring utility (including such service as is also participated in by one or more other utilities), and hereby makes itself a party thereto and obligates itself to observe each and every provision thereof.

T.1.2 Highland Telephone Cooperative Inc. expressly reserves the right to cancel this statement of concurrence at any time when it appears that such cancellation is in the best interest of Highland Telephone Cooperative Inc., subject to the jurisdiction of the Kentucky Public Service Commission as it applies.

T.2 Exceptions

T.2.1 Customer provided terminal equipment on customer provided communication systems attached or connected to the facilities of the concurring utility and permitted to be used under this Tariff, may not be used for local exchange service of this concurring utility, unless there is compliance with provisions of the Tariff of this concurring utility.

T.2.2 Highland Telephone Cooperative Incorporated concurrence is by individual circuit governed by which company (South Central Bell or GTE) bills the circuit. This concurrence is for intercompany circuits only.

T.2.3 When private line circuits are provided solely on the facilities of Highland Telephone Cooperative Incorporated the charges specified in paragraph T.3, will apply. These charges are based on a single pair of wire. In cases where one circuit requires multiple pairs, the charges in paragraph T.3 will apply to each pair of wires used in the circuit.

T.2.4 Highland Telephone Cooperative Incorporated will also charge a termination fee at the rate specified in paragraph T.3. A termination is defined as each premise appearance of the cable pair. Where multiple pairs are provided to provide one circuit, a termination charge will be applied to each premise appearance of each pair of wire.

PUBLIC SERVICE COMMISSION T.2.5 The minimum service period on private line serviceFikesikcmonths. A termination agreement will be required concerning the costrof installation of the service. This termination agreement will apply to private line services served solely by Highland Telephone Cooperative Encorporated and those served jointly with connecting companies.

Issued: February 1, 1990

Effective: February 15, 1990

BY APOmle, torc GENERAL MANAGER

Highland Telephone Cooperative Incorporated

PSC 2 Section T Original Sheet 3

Service will not be initiated until the termination agreement is in the possession of the company.

T.3 Monthly Charges

T.3.1 Each pair will be charged at the rate of \$3.00 for the first half mile, and \$ .75 for each quarter mile or fraction of a quarter mile thereafter. The measurement of distance will be made in route mileage.

T.3.2 Each termination of each pair will be charged at the rate of \$1.00 per termination.

T.4 Definition and Limitation of Service

T.4.1 A private line circuit is defined as a pair or pairs of wire provided by the company, for the private use of its customers. These circuits function without connection to local exchanges switching equipment of the company.

T.4.2 Examples of circuits used for this purpose and provided by the company are:

T.4.2.1 Circuits used for the transmission of data information.

T.4.2.2 Circuits used by banks and others for alarm purposes.

T.4.2.3 Circuits used for voice transmission between two or more points, which function separate from local exchange equipment.

T.4.2.4 Circuits provided as a vehicle to transmit radio signals e.g., to connect city and county police and fire station.

T.4.2.5 Circuits used to monitor power company substations or water company pump stations.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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Issued: January 1, 1983

Issued under authority K.P.S.C. No

General Manager dated January 1, 1983

BY:\_

Effective:

HIGHLAND TELEPHONE COOPERATIVE INCORPORATED	PSC 2 Section U First Revised Sheet 2
U.1 PBX Trunk Rate Each \$24.75 Monthly	(N)
U.2 Key Trunk Rate Each \$24.75 Monthly	

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JAN 01 1987

PURSUANT TO 807 KAR 5:011, SECTION 9 (2) BY: \_ elin

ISSUED: MAY 1, 1987

GENERAL MANAGER BY

EFFECTIVE: January 1, 1986 87

Issued under authority of Ky. P.S.C. Order\_\_\_\_305\_\_\_\_ Dated 4-30-87

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HIGHLAND TELEPHONE COOPERATIVE INCORPORATED

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PSC 2 Section U Original Sheet 2

U.1 PBX Trunk Rate Each 1 1/2 x B1 Rate (Section "C")

U.2 Key Trunk Rate Each 1 1/2 x B1 Rate (Section "C")

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JAN 01 1986

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY

Issued:	December 1,	1985	_Effective:	January 1,	1986
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HIGHLAND TELEPHONE COOPERATIVE INCORPORATED

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P.S.C. 2 Section V First Revised Sheet <u>1</u>

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# DIRECT SALE OF EMBEDDED TERMINAL EQUIPMENT

Content

V.2 Sale of embedded equipment.

			PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE
			JAN 01 1986
			PURSUANIT TO BOT KAN 5:011; SECTION 9 (1) BY:
ISSUED	December 1, 1985	EFFECTIVE	January 1, 1986

GENERAL MANAGER

HIGHLAND TELEPHONE COOPERATIVE INCORPORATED

P.S.C. 2 Section V Original Sheet <u>2</u>

### V.2 Sale of Embedded Equipment

Pursuant to the Public Service Commission Order of September 10, 1985 in Administrative Case No. 269, the telephone company proposes to sell in place any and all single line station apparatus and associated equipment. The equipment is listed along with the minimum and maximum sales prices. The actual price shall be set by the telephone company at the time of sale but shall fall within the range listed herein. The equipment shall carry no warranty and only embedded sets installed before January 1, 1983 apply.

Unit Model No.	Description	Minimum Sale Price	Maximum Sale Price
500	Single Line Desk-Rotary	\$ 14.46	\$ 24.10
554	Single Line Wall-Rotary	14.46	24.10
200	Desk Trendline-Rotary	16.93	28.21
254	Wall Trendline-Rotary	16.93	28.21
	Princess-Rotary	20.57	34.29
SPC4A	Speakerphone	85.46	142.44
ITT	Speakerphone	63.31	105.51
180	Code-A-Phone 180 Answ.SNSY000160	60.38	100.63
1600	Code-A-Phone 1600 Answ.	75.47	125.78
	Automatic Dialers-32-02	67.00	111.66
	Call Diverter SNAL001074	165.08	275.14
202	Data Modem	188.77	314.61
	PC1001D Coupler	61.93	103.21
	Extension Bells 750BA	7.04	11.73
	A/C Powered Horns	45.47	75.79
	Hard Hearing Handset	11.37	18.95
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#### PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JAN 01 1986

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GENERAL MANAGER

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	PUBLIC SERVICE COMMISSION OF KENTUCKY
Issued: January 1, 1983	Effective: January 1, 1989
By: <u>for D.J. Jeer</u> Issued under authority K.P.S.C. No	MAR 3 0 1983 General Manager dated January 1, 1983 SECTION 9 (1)

Highland Telephone Cooperative, Incorporated

PSC 2 Section X Original Sheet 1

#### INTRASTATE ACCESS SERVICE

- X.1 Concurrence in Tariffs Filed By Others . .
  - A. Highland Telephone Cooperative, Inc. concurs in the rates, rules regulations governing intrastate access service as filed on an interim basis by South Central Bell with the exception of the sections involving Billing and Collection Services and End User Access Services.
  - B. Highland Telephone Cooperative, Inc. concurs in the rates, rules and regulations governing intrastate access billing and collection services as filed in the ECA interstate FCC No. 1 tariff -Section 8.
  - C. Highland Telephone Cooperative, Inc. extends this concurrence to any and all changes which may be made in these tariffs subsequent to this date.
  - D. Highland Telephone Cooperative, Inc. hereby expressly reserves the right to cancel and make void this statement of concurrence at any such time as it appears that such cancellation is in the best interest of Highland Telephone Cooperative, Inc.

ISSUED: January 24, 1984

BY DZJM GENERAL ANAGER

EFFECTIVE: January 1, 1984

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JAN 01 1984

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Jornan C Heel